

Book - 36 - Dr. 6

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

C.M.A. CONST. Survey

McMENEMY STREET

From Wheelock Pkwy Co. Rd. "B"

Road Acc't. No. 26

Date Filed. 1934

File _____

109
ALIGNMENT

Mc NENEMY St

From Wheelock Pkwy

To Little Canada Rd.

Point 4 Lt 4 Rt

26+42.95

26+44.25 Mont $\frac{1}{2}$ Co. Rd. "A 2" (26+42.95)

12+93.40 P.O.T. $0^{\circ}18'$

0+00 Mont. $\frac{1}{2}$ Co. Rd. "A"

0+4+20.90

$\frac{1}{2}$ Wheelock

Feb 8, 1933

H.J. Goldberg K

GP. 1111 41.66' Ment (1' Down) 40.98' T.P.

T.P. 29.80' R.R. Spite 52.12' T.P.

T.P. 61.48' S.E. Cor. Sec 18 42.21' Guy P.

Guy P. 50.14' G.P. 29.52' R.P. 31.05' Hole is pos.

Alignment from Co. Rd "B" to
Little Canada Rd. is the
same as recorded in notes
on Road Acct. 1/6. 44

52+69.80

± Co. Road "B"

CR055-SECTION 43

ME MEMEMY ST.

From Wheelock Pkwy

To. Little Canada Rd.

Sta.	+	H.I.	-	E.I.
B.M.	0.25	861.74		861.49
T.P.	10.21	859.25	12.70	849.04
0-4+20.9		ϕ Wheelock		

0-4+06

0-4+06

0-3+95

0-3+60

0-3+48

0-3+00

0-2+50

0-2+00

0-1+50

T.P.	8.32	867.07	0.50	858.75
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0-1+00

0-0+50

0-0+20

Lt

L

Rt.

W.

E.

3pt. 10. G.P. N.E. Cur Larp.

$$\frac{12.6}{50.0}$$

$$\frac{12.6}{0.0}$$

$$\frac{12.4}{50.0}$$

$$\frac{12.9}{50.0}$$

$$\frac{13.3}{39.0}$$

$$\frac{12.7}{0.0}$$

$$\frac{13.1}{38.0}$$

$$\frac{12.7}{50.0}$$

Curb

Curb

$$\begin{array}{cccccccccccc} 13.3 & 13.6 & 13.6 & 12.9 & 12.6 & 13.1 & 12.4 & 12.9 & 13.0 & 12.5 & 12.8 \\ 28.0 & 28.0 & 24.0 & 22.0 & 17.0 & 17.0 & 0.0 & 13.6 & 17.6 & 17.6 & 24.0 \end{array}$$

$$\begin{array}{cccccccccccc} 11.7 & 12.1 & 13.5 & 13.7 & 13.7 & 13.4 & 11.8 \\ 40.0 & 34.0 & 27.4 & 27.6 & 30.0 & 30.0 & 40.0 \end{array}$$

$$\begin{array}{cccccccccccc} 10.8 & 11.1 & 11.5 & 12.2 & 11.7 & 11.4 & 11.7 & 12.0 & 11.0 & 11.0 & 11.1 \\ 40.0 & 28.1 & 22.0 & 18.0 & 14.0 & 0.0 & 11.4 & 19.4 & 25.0 & 28.8 & 40.0 \end{array}$$

+0.8

+0.9

$$\begin{array}{cccccccccccc} 9.0 & 8.6 & 11.1 & 11.3 & 11.8 & 11.3 & 11.1 & 11.0 & 11.4 & 10.1 & 3.1 & 3.3 \\ 41.0 & 35.0 & 28.0 & 20.6 & 19.0 & 13.6 & 0.0 & 12.0 & 17.6 & 30.0 & 4.3 & 4.9 \end{array}$$

+0.6

+0.7

$$\begin{array}{cccccccccccc} 5.1 & 5.1 & 9.6 & 10.3 & 9.2 & 9.9 & 10.2 & 9.5 & 0.9 & 0.9 \\ 45.0 & 40.0 & 28.2 & 17.6 & 0.0 & 16.6 & 18.6 & 28.4 & 46.0 & 50.0 \end{array}$$

+2.2

+0.6

$$\begin{array}{cccccccccccc} 0.8 & 0.8 & 6.6 & 8.2 & 8.9 & 8.3 & 8.5 & 8.8 & 8.3 & 8.2 & 2.9 & 2.5 \\ 50.0 & 46.0 & 31.4 & 26.4 & 17.0 & 0.0 & 16.0 & 19.0 & 30.0 & 28.2 & 30.4 & 40.0 \end{array}$$

+1.6

+2.2

$$\begin{array}{cccccccccccc} +2.4 & +1.9 & 0.6 & 6.0 & 6.9 & 7.4 & 7.1 & 7.3 & 7.5 & 6.4 & 5.8 & 1.1 & 0.8 \\ 50.0 & 45.0 & 40.6 & 30.2 & 20.6 & 15.0 & 0.0 & 12.2 & 18.0 & 29.4 & 32.0 & 42.0 & 46.0 \end{array}$$

+1.2

+2.9

+0.8

$$\begin{array}{cccccccccccc} +2.2 & +2.7 & 3.2 & 5.0 & 5.3 & 6.1 & 7.9 & 5.6 & 5.6 & 6.1 & 5.4 & 5.3 & 5.0 & 3.9 \\ 50.0 & 44 & 32.8 & 28.0 & 20.0 & 18.0 & 14.6 & 0.0 & 16.0 & 19.0 & 20.0 & 28.6 & 31.3 & 33.3 \end{array}$$

+0.4

+1.0

+1.5

$$\begin{array}{cccccccccccc} 9.1 & 7.6 & 11.8 & 12.1 & 12.6 & 12.3 & 11.7 & 12.0 & 12.2 & 11.8 & 11.6 & 10.2 & 4.8 & 4.8 \\ 47.0 & 38.0 & 27.8 & 20.0 & 18.0 & 16.6 & 0.0 & 13.4 & 18.4 & 20.0 & 28.2 & 30.0 & 42.0 & 42.0 \end{array}$$

+1.6

+0.8

$$\begin{array}{cccccccccccc} 9.5 & 9.3 & 10.4 & 10.6 & 11.0 & 10.7 & 10.1 & 10.3 & 10.6 & 10.0 & 9.3 & 2.9 & 2.1 & 1.1 \\ 41.0 & 29.6 & 27.0 & 20.0 & 18.6 & 16.6 & 0.0 & 13.0 & 18.0 & 20.0 & 29.6 & 35.0 & 42.0 & 42.0 \end{array}$$

+1.3

+0.6

+0.0

$$\begin{array}{cccccccccccc} 9.6 & 9.0 & 9.6 & 9.1 & 9.1 & 9.4 & 9.3 & 9.6 & 9.4 & +0.2 & +0.8 \\ 45.0 & 38.0 & 27.0 & 0.0 & 11.6 & 18.0 & 27.0 & 29.6 & 45.0 & 50.0 & 50.0 \end{array}$$

+ 867.07 -

0-0+10

0+10

0+23

0+40

861.49

0+60

1+00

1+50

B.M.

9.40 870.89

861.49

2+00

2+50

T.P

9.13

879.96

006

870.83

3+00

3+50

4+00

4+35

9.5 9.3 9.7 9.1 8.8 9.0 9.3 9.5 8.4 8.0
49.0 33.0 19.6 12.0 0.0 14.0 18.0 25.0 39.0 50.0

9.8 9.2 8.3 7.8 7.9 8.4 8.6 8.9
50.0 42.0 20.0 0.0 14.0 17.0 28.6 50.0

10.0 9.8 8.2 7.3 7.1 7.8 8.0 8.0
50.0 41.0 20.0 0.0 15.0 19.0 36.0 50.0

02.03 8.8 8.4 7.5 8.0 8.6 7.2 6.6 7.0 6.8 2.8 3.4
40.0 30.0 25.2 21.0 18.0 8.0 0.0 13.0 21.6 35.6 44.0

-1.5 9.5 8.9 8.4 7.7 7.4 6.7 5.9 6.3 6.8 7.1 7.0 6.2 7.2
38.0 28.6 26.6 21.0 17.0 14.0 0.0 14.0 18.0 24.6 27.0 33.0 40.0

8.1 13.7 13.0 12.5 5.0 4.1 4.8 9.9 10.2
43.0 36.3 34.2 11.0 0.0 13.0 29.0 40.0

-7.7 11.4 10.0 7.6 3.0 2.0 2.9 9.0 9.5
42.0 33.4 18.6 10.0 0.0 13.4 31.4 40.0

-7.9 12.9 11.9 10.8 4.4 3.6 4.8 9.5 10.5 11.5
40.0 33.8 23.0 10.0 0.0 16.6 24.6 31.2 40.0

-9.1 11.2 10.8 10.7 2.4 1.4 2.1 9.8 11.0 11.1
44.0 36.2 28.4 22.0 11.0 0.0 15.0 28.0 36.6 43.0

-7.8 18.0 16.5 15.3 9.2 8.4 9.4 16.4 18.5 18.7
41.0 33.6 22.6 11.0 0.0 14.0 26.6 37.6 45.0

-7.9 15.9 14.6 15.4 14.9 9.1 6.4 7.3 14.2 17.2 17.3 17.3
40.0 33.8 29.0 25.0 21.0 10.6 0.0 14.0 24.6 32.0 39.2 45.0

-6.1 12.1 11.0 10.9 12.3 12.4 5.4 4.5 5.4 12.0 14.0 14.0 14.2
40.0 34.0 30.2 27.6 22.0 11.6 0.0 14.4 24.0 32.6 36.4 43.0

-4.2 7.5 7.5 5.8 4.0 3.0 3.9 7.9 8.9 9.5
38.0 26.4 16.0 12.0 0.0 15.0 22.0 27.2 39.0

879.96

T.P. 10.80 890.45 0.31 879.65

4+78

Beg. of Hedge 33' Lt.

5+00

Hedge 33' Lt.

5+50

Hedge 27' Lt.

6+00

Hedge 24' Lt.

6+45

End of Hedge 23' Lt.

T.P.

6+78 10.84 900.08 1.21 889.24

7+50

8+15

T.P. 10.03 909.48 0.63 899.45

8+55

9+00

9+50

10+00

Shrubs 30' Rt.

T.P. 13.46 917.72 5.22 904.26

10+45

Shrub 30' Rt.

Lt.

E

Rt.

+3.5

7.7	7.4	12.3	12.8	13.8	11.7	10.4	11.0	11.5	11.5	11.3	9.6	9.6
41.0	32.8	22.2	21.0	16.0	12.0	0.0	15.0	24.0	24.8	28.0	34.0	40.0

DC0.4

+3.7

6.0	5.9	5.9	6.6	7.8	9.2	9.2	8.1	8.8	8.4	9.0	8.7	4.4	4.4
40.0	31.1	25.0	23.6	18.6	15.0	12.4	0.0	12.0	16.0	25.2	30.6	36.0	40.0

DC0.6

DC1.2

6.3	6.1	6.1	7.1	7.1	6.5	5.8	6.6	5.7	6.0	2.2	0.8	0.8
40.0	25.8	24.0	24.4	14.0	11.6	0.0	13.6	15.0	21.0	27.4	38.0	42.0

+5.5

DC1.0

5.7	4.3	4.0	4.4	3.8	4.5	3.9	0.1	+0.3	0.5
40.0	25.5	22.0	13.0	0.0	14.6	19.6	27.6	36.2	40.0

+4.6

DC1.1

13.1	12.3	11.7	12.7	12.5	11.9	12.7	11.9	7.7	6.6	6.7
35.0	26.2	23.6	20.6	13.0	0.0	14.8	19.0	26.6	34.0	38.8

+5.8

DC0.2

9.3	8.3	10.5	10.0	10.3	9.7	8.7	9.7	8.5	5.4	5.4
38.0	33.0	27.6	24.4	18.0	14.0	0.0	16.0	27.6	34.6	42.0

+3.8

+4.7

1.2	1.6	2.2	6.0	6.4	5.8	6.9	8.0	8.0	4.2	4.5
42.0	34.4	27.0	12.6	13.0	0.0	16.0	19.0	22.0	31.2	42.0

+2.1

N. Side Top of Conc. Steps Lt. of 8+50

+4.5

9.1	9.6	10.0	13.8	14.5	14.3	13.6	14.0	14.2	11.1	11.3	10.9
43.0	33.8	27.2	20.0	16.0	11.6	0.0	16.0	21.0	25.6	32.6	41.0

+2.8

+6.3

5.3	5.6	6.1	8.6	11.8	12.3	11.4	12.2	10.8	10.9	8.7	8.1	7.9
44.0	36.5	27.6	22.0	15.4	12.0	0.0	16.0	21.0	24.0	29.0	34.8	42.0

+3.9

+7.4

2.1	2.3	2.9	9.0	9.6	9.2	9.9	8.4	8.5	7.4	7.1
47.0	38.1	22.6	14.0	9.0	0.0	15.6	30.0	29.4	34.0	41.0

+1.2

+7.6

0.0	0.0	0.5	7.4	7.6	7.1	7.6	7.2	6.6	5.9	5.3	5.5
50.0	38.4	22.0	13.6	10.0	0.0	16.0	18.0	24.6	25.0	30.3	42.0

+2.3

+8.7

5.6	5.3	4.7	12.5	13.8	13.5	13.9	13.8	13.1	9.9	10.1	9.5
50.0	40.1	26.0	15.0	13.0	0.0	14.0	17.1	18.0	28.6	32.8	42.0

+3.9

917.72

10+70

shrub 30' Rt.

11+40

" 30' "

7.95 924.42 1.25 916.47

12+00

12+35

12+80

13+17

913.3

T.P

11.56 925.07 10.91 913.51

13+35

913.4

913.5

13+85

913.5

913.1

14+50

14+80

3.43 916.94 11.56 913.51

15+28

15+75

16+50

$\begin{array}{r} 32 \\ 50.0 \\ \hline 42.0 \end{array}$
 $\begin{array}{r} 112.2 \\ 36 \\ \hline 42.0 \end{array}$
 $\begin{array}{r} 27 \\ 30.0 \\ \hline 26.6 \end{array}$
 $\begin{array}{r} 1.8 \\ 26.6 \\ \hline 24.0 \end{array}$
 $\begin{array}{r} 2.0 \\ 24.0 \\ \hline 12.0 \end{array}$
 $\begin{array}{r} 12.2 \\ 12.0 \\ \hline 10.0 \end{array}$
 $\begin{array}{r} 12.4 \\ 10.0 \\ \hline 9.6 \end{array}$
 $\begin{array}{r} 12.8 \\ 9.6 \\ \hline 0.0 \end{array}$
 $\begin{array}{r} 12.4 \\ 0.0 \\ \hline 12.9 \end{array}$
 $\begin{array}{r} 12.9 \\ 12.0 \\ \hline 15.0 \end{array}$
 $\begin{array}{r} 12.3 \\ 15.0 \\ \hline 19.6 \end{array}$
 $\begin{array}{r} 7.2 \\ 19.6 \\ \hline 29.0 \end{array}$
 $\begin{array}{r} 6.7 \\ 29.0 \\ \hline 36.3 \end{array}$
 $\begin{array}{r} 6.6 \\ 36.3 \\ \hline 4.0 \end{array}$

$\begin{array}{r} 114.0 \\ 48.0 \\ \hline 38.0 \end{array}$
 $\begin{array}{r} 13.8 \\ 38.0 \\ \hline 34.0 \end{array}$
 $\begin{array}{r} 14.3 \\ 34.0 \\ \hline 10.0 \end{array}$
 $\begin{array}{r} 8.8 \\ 10.0 \\ \hline 8.6 \end{array}$
 $\begin{array}{r} 9.8 \\ 8.6 \\ \hline 0.0 \end{array}$
 $\begin{array}{r} 9.5 \\ 0.0 \\ \hline 10.1 \end{array}$
 $\begin{array}{r} 10.1 \\ 10.0 \\ \hline 8.7 \end{array}$
 $\begin{array}{r} 8.7 \\ 8.0 \\ \hline 16.6 \end{array}$
 $\begin{array}{r} 1.8 \\ 16.6 \\ \hline 28.0 \end{array}$
 $\begin{array}{r} 2.0 \\ 28.0 \\ \hline 39.3 \end{array}$
 $\begin{array}{r} 50.0 \\ 39.3 \\ \hline 50.0 \end{array}$

$\begin{array}{r} 14.9 \\ 60.0 \\ \hline 49.4 \end{array}$
 $\begin{array}{r} 14.9 \\ 49.4 \\ \hline 32.0 \end{array}$
 $\begin{array}{r} 13.7 \\ 32.0 \\ \hline 8.6 \end{array}$
 $\begin{array}{r} 13.7 \\ 8.6 \\ \hline 0.0 \end{array}$
 $\begin{array}{r} 13.6 \\ 0.0 \\ \hline 13.8 \end{array}$
 $\begin{array}{r} 13.8 \\ 12.0 \\ \hline 14.6 \end{array}$
 $\begin{array}{r} 13.6 \\ 14.6 \\ \hline 24.6 \end{array}$
 $\begin{array}{r} 9.9 \\ 24.6 \\ \hline 34.4 \end{array}$
 $\begin{array}{r} 9.2 \\ 34.4 \\ \hline 47.0 \end{array}$
 $\begin{array}{r} 8.8 \\ 47.0 \\ \hline 47.0 \end{array}$

$\begin{array}{r} 13.9 \\ 52.0 \\ \hline 48.5 \end{array}$
 $\begin{array}{r} 13.9 \\ 48.5 \\ \hline 37.0 \end{array}$
 $\begin{array}{r} 0.4 \\ 37.0 \\ \hline 12.0 \end{array}$
 $\begin{array}{r} 12.0 \\ 12.0 \\ \hline 7.0 \end{array}$
 $\begin{array}{r} 12.4 \\ 7.0 \\ \hline 0.0 \end{array}$
 $\begin{array}{r} 12.5 \\ 0.0 \\ \hline 13.2 \end{array}$
 $\begin{array}{r} 13.2 \\ 15.6 \\ \hline 26.0 \end{array}$
 $\begin{array}{r} 9.5 \\ 26.0 \\ \hline 32.0 \end{array}$
 $\begin{array}{r} 9.5 \\ 32.0 \\ \hline 40.0 \end{array}$
 $\begin{array}{r} 9.6 \\ 40.0 \\ \hline 40.0 \end{array}$

$\begin{array}{r} 112.2 \\ 50.0 \\ \hline 45.3 \end{array}$
 $\begin{array}{r} 112.2 \\ 45.3 \\ \hline 37.6 \end{array}$
 $\begin{array}{r} 0.2 \\ 37.6 \\ \hline 30.6 \end{array}$
 $\begin{array}{r} 5.0 \\ 30.6 \\ \hline 20.0 \end{array}$
 $\begin{array}{r} 5.3 \\ 20.0 \\ \hline 14.6 \end{array}$
 $\begin{array}{r} 10.0 \\ 14.6 \\ \hline 8.0 \end{array}$
 $\begin{array}{r} 11.9 \\ 8.0 \\ \hline 0.0 \end{array}$
 $\begin{array}{r} 11.7 \\ 0.0 \\ \hline 12.3 \end{array}$
 $\begin{array}{r} 12.3 \\ 17.6 \\ \hline 24.0 \end{array}$
 $\begin{array}{r} 8.5 \\ 24.0 \\ \hline 31.6 \end{array}$
 $\begin{array}{r} 7.5 \\ 31.6 \\ \hline 33.5 \end{array}$
 $\begin{array}{r} 7.9 \\ 33.5 \\ \hline 34.8 \end{array}$
 $\begin{array}{r} 9.1 \\ 34.8 \\ \hline 50.0 \end{array}$

$\begin{array}{r} 112.0 \\ 50.0 \\ \hline 45.0 \end{array}$
 $\begin{array}{r} 112.0 \\ 45.0 \\ \hline 39.0 \end{array}$
 $\begin{array}{r} 10.1 \\ 39.0 \\ \hline 30.0 \end{array}$
 $\begin{array}{r} 11.3 \\ 30.0 \\ \hline 14.6 \end{array}$
 $\begin{array}{r} 11.1 \\ 14.6 \\ \hline 7.6 \end{array}$
 $\begin{array}{r} 11.1 \\ 7.6 \\ \hline 0.0 \end{array}$
 $\begin{array}{r} 11.6 \\ 0.0 \\ \hline 15.6 \end{array}$
 $\begin{array}{r} 9.7 \\ 15.6 \\ \hline 21.0 \end{array}$
 $\begin{array}{r} 5.7 \\ 21.0 \\ \hline 29.0 \end{array}$
 $\begin{array}{r} 6.2 \\ 29.0 \\ \hline 32.0 \end{array}$
 $\begin{array}{r} 7.2 \\ 32.0 \\ \hline 33.6 \end{array}$
 $\begin{array}{r} 8.2 \\ 33.6 \\ \hline 40.0 \end{array}$

Same

$\begin{array}{r} 11.7 \\ 0.0 \\ \hline 16.0 \end{array}$
 $\begin{array}{r} 11.7 \\ 16.0 \\ \hline 17.4 \end{array}$
 $\begin{array}{r} 11.2 \\ 17.4 \\ \hline 27.0 \end{array}$
 $\begin{array}{r} 6.9 \\ 27.0 \\ \hline 30.0 \end{array}$
 $\begin{array}{r} 5.8 \\ 30.0 \\ \hline 34.0 \end{array}$
 $\begin{array}{r} 4.3 \\ 34.0 \\ \hline 36.9 \end{array}$
 $\begin{array}{r} 5.6 \\ 36.9 \\ \hline 43.0 \end{array}$

$\begin{array}{r} 110.0 \\ 46.0 \\ \hline 42.0 \end{array}$
 $\begin{array}{r} 110.0 \\ 42.0 \\ \hline 25.0 \end{array}$
 $\begin{array}{r} 1.9 \\ 25.0 \\ \hline 14.0 \end{array}$
 $\begin{array}{r} 11.3 \\ 14.0 \\ \hline 10.6 \end{array}$
 $\begin{array}{r} 12.2 \\ 10.6 \\ \hline 0.0 \end{array}$
 $\begin{array}{r} 11.6 \\ 0.0 \\ \hline 15.6 \end{array}$
 $\begin{array}{r} 11.9 \\ 15.6 \\ \hline 17.0 \end{array}$
 $\begin{array}{r} 11.0 \\ 17.0 \\ \hline 25.0 \end{array}$
 $\begin{array}{r} 7.1 \\ 25.0 \\ \hline 30.0 \end{array}$
 $\begin{array}{r} 3.1 \\ 30.0 \\ \hline 39.0 \end{array}$
 $\begin{array}{r} 4.1 \\ 39.0 \\ \hline 47.0 \end{array}$

$\begin{array}{r} 1.9 \\ 50.0 \\ \hline 41.4 \end{array}$
 $\begin{array}{r} 2.9 \\ 41.4 \\ \hline 31.0 \end{array}$
 $\begin{array}{r} 5.8 \\ 31.0 \\ \hline 23.0 \end{array}$
 $\begin{array}{r} 5.9 \\ 23.0 \\ \hline 13.0 \end{array}$
 $\begin{array}{r} 12.7 \\ 13.0 \\ \hline 0.0 \end{array}$
 $\begin{array}{r} 12.0 \\ 0.0 \\ \hline 16.0 \end{array}$
 $\begin{array}{r} 12.6 \\ 16.0 \\ \hline 19.0 \end{array}$
 $\begin{array}{r} 12.2 \\ 19.0 \\ \hline 21.0 \end{array}$
 $\begin{array}{r} 11.2 \\ 21.0 \\ \hline 26.6 \end{array}$
 $\begin{array}{r} 10.4 \\ 26.6 \\ \hline 29.0 \end{array}$
 $\begin{array}{r} 8.4 \\ 29.0 \\ \hline 33.0 \end{array}$
 $\begin{array}{r} 8.5 \\ 33.0 \\ \hline 43.0 \end{array}$

$\begin{array}{r} 3.9 \\ 40.1 \\ \hline 36.0 \end{array}$
 $\begin{array}{r} 4.3 \\ 36.0 \\ \hline 28.6 \end{array}$
 $\begin{array}{r} 7.2 \\ 28.6 \\ \hline 23.0 \end{array}$
 $\begin{array}{r} 7.7 \\ 23.0 \\ \hline 14.0 \end{array}$
 $\begin{array}{r} 12.6 \\ 14.0 \\ \hline 0.0 \end{array}$
 $\begin{array}{r} 12.1 \\ 0.0 \\ \hline 16.0 \end{array}$
 $\begin{array}{r} 12.6 \\ 16.0 \\ \hline 24.0 \end{array}$
 $\begin{array}{r} 7.8 \\ 24.0 \\ \hline 29.6 \end{array}$
 $\begin{array}{r} 7.3 \\ 29.6 \\ \hline 33.8 \end{array}$
 $\begin{array}{r} 8.1 \\ 33.8 \\ \hline 41.0 \end{array}$

$\begin{array}{r} 2.9 \\ 40.0 \\ \hline 29.8 \end{array}$
 $\begin{array}{r} 2.8 \\ 29.8 \\ \hline 27.0 \end{array}$
 $\begin{array}{r} 2.8 \\ 27.0 \\ \hline 20.0 \end{array}$
 $\begin{array}{r} 4.0 \\ 20.0 \\ \hline 13.0 \end{array}$
 $\begin{array}{r} 4.7 \\ 13.0 \\ \hline 0.0 \end{array}$
 $\begin{array}{r} 4.2 \\ 0.0 \\ \hline 16.0 \end{array}$
 $\begin{array}{r} 5.1 \\ 16.0 \\ \hline 27.0 \end{array}$
 $\begin{array}{r} 5.2 \\ 27.0 \\ \hline 40.0 \end{array}$

$\begin{array}{r} 4.6 \\ 40.0 \\ \hline 28.2 \end{array}$
 $\begin{array}{r} 4.5 \\ 28.2 \\ \hline 21.6 \end{array}$
 $\begin{array}{r} 4.0 \\ 21.6 \\ \hline 12.6 \end{array}$
 $\begin{array}{r} 5.4 \\ 12.6 \\ \hline 0.0 \end{array}$
 $\begin{array}{r} 4.8 \\ 0.0 \\ \hline 17.6 \end{array}$
 $\begin{array}{r} 5.6 \\ 17.6 \\ \hline 30.6 \end{array}$
 $\begin{array}{r} 11.8 \\ 30.6 \\ \hline 31.4 \end{array}$
 $\begin{array}{r} 11.8 \\ 31.4 \\ \hline 40.0 \end{array}$

$\begin{array}{r} 2.5 \\ 42.0 \\ \hline 35.0 \end{array}$
 $\begin{array}{r} 6.7 \\ 35.0 \\ \hline 27.8 \end{array}$
 $\begin{array}{r} 5.4 \\ 27.8 \\ \hline 23.0 \end{array}$
 $\begin{array}{r} 5.0 \\ 23.0 \\ \hline 21.6 \end{array}$
 $\begin{array}{r} 5.6 \\ 21.6 \\ \hline 14.0 \end{array}$
 $\begin{array}{r} 5.8 \\ 14.0 \\ \hline 0.0 \end{array}$
 $\begin{array}{r} 5.4 \\ 0.0 \\ \hline 15.3 \end{array}$
 $\begin{array}{r} 6.6 \\ 15.3 \\ \hline 37.6 \end{array}$
 $\begin{array}{r} 18.3 \\ 37.6 \\ \hline 44.0 \end{array}$
 $\begin{array}{r} 18.7 \\ 44.0 \\ \hline 50.0 \end{array}$

916.94

17+00

910.7

17+50

910.2

18+00

910.3

T. P

1.78 905.91 12.81 904.13

17+00

-4.5

17+50

-4.0

18+00

-4.1

T.P.

11.05 915.18 1.78 904.13

18+50

19+00

19+40

B. M

4.89 916.09 3.80 911.38 911.20

20+00

20+50

20+78

21+00

Lt

2

Rt.

$$\begin{array}{r} \textcircled{+0.6} \\ 12.0 \quad 6.1 \quad 6.2 \quad 6.8 \quad 6.3 \quad 6.2 \quad 7.2 \\ \hline 44.0 \quad 27.9 \quad 25.0 \quad 15.0 \quad 13.0 \quad 0.0 \quad 12.6 \end{array}$$

$$\begin{array}{r} \textcircled{+0.5} \\ 11.5 \quad 6.7 \quad 6.7 \quad 6.1 \quad 6.8 \quad 4.7 \quad 7.8 \\ \hline 40.0 \quad 27.8 \quad 25.6 \quad 19.0 \quad 13.0 \quad 0.0 \quad 13.6 \end{array}$$

$$\begin{array}{r} \textcircled{+0.9} \\ 10.4 \quad 6.2 \quad 6.8 \quad 6.9 \quad 6.6 \quad 7.6 \\ \hline 42.0 \quad 28.4 \quad 19.6 \quad 14.0 \quad 0.0 \quad 13.6 \end{array}$$

$$\begin{array}{r} \textcircled{-19.5} \\ 14.9 \quad 15.0 \\ \hline 4.0 \quad 57.0 \end{array}$$

$$\begin{array}{r} \textcircled{-19.0} \\ 9.8 \quad 14.9 \quad 15.0 \quad 15.0 \\ \hline 32.0 \quad 47.0 \quad 56.0 \quad 63.0 \end{array}$$

$$\begin{array}{r} \textcircled{-13.0} \\ 7.6 \quad 8.9 \quad 8.2 \\ \hline 30.0 \quad 44.0 \quad 54.0 \end{array}$$

$$\begin{array}{r} \textcircled{+0.0} \\ 5.5 \quad 5.0 \quad 5.0 \quad 4.7 \quad 4.5 \quad 5.3 \quad 6.9 \quad 7.0 \quad 7.8 \quad 8.5 \\ \hline 40.0 \quad 27.0 \quad 17.0 \quad 13.0 \quad 0.0 \quad 14.0 \quad 18.0 \quad 22.4 \quad 29.0 \quad 40.0 \end{array}$$

$$\begin{array}{r} \textcircled{-1.1} \\ 7.9 \quad 3.9 \quad 5.1 \quad 4.5 \quad 5.0 \quad 4.5 \quad 5.0 \quad 4.6 \quad 5.1 \\ \hline 35.0 \quad 22.2 \quad 16.6 \quad 0.0 \quad 13.6 \quad 16.0 \quad 18.0 \quad 21.8 \quad 40.0 \end{array}$$

$$\begin{array}{r} \textcircled{-14.6} \\ 11.4 \quad 9.6 \quad 5.4 \quad 4.7 \quad 5.2 \quad 4.7 \quad 5.7 \\ \hline 42.0 \quad 27.2 \quad 12.4 \quad 0.0 \quad 14.6 \quad 28.0 \quad 40.0 \end{array}$$

$$\begin{array}{r} \textcircled{+1.3} \\ 4.6 \quad 5.0 \quad 5.4 \quad 6.0 \quad 5.8 \quad 6.5 \quad 5.9 \quad 5.2 \quad 5.5 \quad 19.0 \\ \hline 42.0 \quad 29.6 \quad 14.6 \quad 13.0 \quad 0.0 \quad 14.0 \quad 16.0 \quad 25.0 \quad 28.6 \quad 40.0 \end{array}$$

$$\begin{array}{r} \textcircled{+0.9} \\ 4.9 \quad 5.4 \quad 5.3 \quad 6.1 \quad 5.9 \quad 6.0 \quad 6.8 \quad 5.8 \quad 5.8 \quad 17.0 \\ \hline 40.0 \quad 28.8 \quad 14.6 \quad 13.0 \quad 10.0 \quad 0.0 \quad 13.0 \quad 15.6 \quad 23.6 \quad 14.0 \end{array}$$

Same

$$\begin{array}{r} \textcircled{+3.5} \\ 6.4 \quad 7.1 \quad 6.2 \quad 3.4 \quad 3.6 \quad 4.0 \\ \hline 0.0 \quad 13.0 \quad 19.6 \quad 25.0 \quad 32.0 \quad 41.0 \end{array}$$

$$\begin{array}{r} \textcircled{+1.1} \\ 8.3 \quad 8.5 \quad 6.0 \quad 4.5 \quad 5.8 \quad 7.2 \quad 6.6 \quad 7.1 \quad 4.9 \quad 5.3 \quad 5.9 \quad 5.9 \\ \hline 41.0 \quad 31.0 \quad 28.7 \quad 25.0 \quad 18.0 \quad 14.0 \quad 0.0 \quad 14.0 \quad 18.0 \quad 26.0 \quad 28.8 \quad 40.0 \end{array}$$

916.09

21+50

T. P. 8.07 917.27 6.89 909.20

22+00

22+80

23+00

8.8

23+50

08.7

23+90

4.32 913.00 8.59 908.68

24+35

08.7

24+60

25+00

08.0

25+50

07.9

26+00

07.8

B. M.

4.18

S.W. Co.

B. M.

1.41 911.69 2.72 910.28

26+21

08.1

26+25

Lt. \$ Rt.
 $\frac{107}{48.0} \xrightarrow{+5.8} \frac{1.4}{357} \frac{18}{270} \frac{36}{210} \frac{75}{140} \frac{67}{00} \frac{68}{96} \frac{72}{136} \frac{36}{186} \frac{23}{230} \frac{34}{327} \frac{27}{420}$

$\xrightarrow{20.6} \frac{88}{40.0} \frac{72}{249} \frac{87}{146} \frac{83}{80} \frac{87}{126} \frac{71}{146} \frac{1.5}{23.0} \xrightarrow{+7.0} \frac{1.8}{37.5}$

$\xrightarrow{001.0} \frac{8.5}{40.0} \frac{8.7}{25.8} \frac{84}{180} \frac{88}{136} \frac{84}{00} \frac{8.8}{13.0} \frac{6.5}{17.0} \frac{6.3}{30.9} \xrightarrow{+2.6} \frac{6.3}{40.0}$

$\frac{8.5}{40.0} \frac{85}{26.0} \frac{8.6}{176} \frac{91}{156} \frac{85}{00} \frac{90}{140} \frac{55}{180} \frac{35}{240} \frac{36}{290} \xrightarrow{+3.9} \frac{51}{328} \frac{59}{360}$

$\xrightarrow{+0.6} \frac{94}{400} \frac{85}{279} \frac{83}{176} \frac{91}{150} \frac{86}{00} \frac{93}{140} \frac{6.5}{170} \frac{49}{240} \frac{54}{280} \xrightarrow{5.5} \frac{89}{303} \frac{82}{40.0}$

$\xrightarrow{00} \frac{86}{40.0} \frac{90}{270} \frac{92}{154} \frac{85}{80} \frac{94}{140} \frac{71}{170} \frac{52}{240} \xrightarrow{+2.4} \frac{66}{306} \frac{81}{40.0}$

$\xrightarrow{+3.3} \frac{1.6}{40.0} \frac{1.5}{320} \frac{42}{196} \frac{50}{150} \frac{43}{00} \frac{50}{16} \frac{53}{136} \frac{24}{186} \frac{20}{240} \xrightarrow{+1.9} \frac{2.9}{299} \frac{37}{400}$

Same $\frac{4.6}{0.0} \frac{53}{11.0} \frac{56}{130} \frac{21}{190} \xrightarrow{+3.0} \frac{21}{31.5} \frac{24}{40.0}$

$\xrightarrow{+1.0} \frac{62}{40.0} \frac{45}{28.5} \frac{45}{280} \frac{55}{190} \frac{55}{156} \frac{50}{00} \frac{56}{11.0} \frac{60}{130} \frac{44}{156} \xrightarrow{+1.7} \frac{34}{220} \frac{38}{296}$

$\xrightarrow{+0.9} \frac{60}{400} \frac{48}{284} \frac{49}{240} \frac{60}{190} \frac{60}{146} \frac{52}{00} \frac{61}{120} \frac{63}{146} \frac{55}{160} \xrightarrow{+0.3} \frac{52}{246} \frac{54}{275} \frac{51}{400}$

$\xrightarrow{+1.4} \frac{50}{420} \frac{52}{310} \frac{43}{291} \frac{45}{210} \frac{65}{176} \frac{58}{150} \frac{52}{00} \frac{59}{120} \frac{64}{136} \frac{45}{196} \xrightarrow{+0.9} \frac{46}{246} \frac{48}{284} \frac{50}{430}$

3pk. T.P. N.E. Cor. Co. Rd. A^v St M^cMonemij

$\frac{26}{30.0} \frac{28}{320} \frac{42}{310} \frac{46}{240} \frac{36}{00} \frac{40}{180} \frac{38}{260} \frac{44}{300} \frac{37}{360} \frac{38}{30.0}$

$\frac{51}{30.0} \frac{46}{320} \frac{43}{240} \frac{34}{00} \frac{39}{226} \frac{38}{360} \frac{42}{426} \frac{40}{300}$

911.69

26+30.

26+44

08.4

26+63

26+68

07.8

27+00

07.2

27+50

28+00

06.9

B.M.

1.54

911.82

1.41

910.28

T.P.

8.04

915.28

4.58

907.24

28+50

29+15

29+50

29+90

30+50

31+00

$$\begin{array}{r} 4.5 \\ 50.0 \end{array} \quad \begin{array}{r} 4.3 \\ 31.6 \end{array} \quad \begin{array}{r} 3.4 \\ 30 \end{array} \quad \begin{array}{r} 3.5 \\ 30.6 \end{array} \quad \begin{array}{r} 3.2 \\ 50.0 \end{array}$$

$$\begin{array}{r} 4.3 \\ 50.0 \end{array} \quad \begin{array}{r} 3.3 \\ 0.0 \end{array} \quad \begin{array}{r} 2.8 \\ 50.0 \end{array}$$

$$\begin{array}{r} 4.0 \\ 50.0 \end{array} \quad \begin{array}{r} 4.0 \\ 28.6 \end{array} \quad \begin{array}{r} 4.5 \\ 21.6 \end{array} \quad \begin{array}{r} 3.7 \\ 0.0 \end{array} \quad \begin{array}{r} 4.0 \\ 20.0 \end{array} \quad \begin{array}{r} 3.4 \\ 50.0 \end{array}$$

$$\begin{array}{r} 6.6 \\ 50.0 \end{array} \quad \begin{array}{r} 6.6 \\ 42.0 \end{array} \quad \begin{array}{r} 6.3 \\ 25.6 \end{array} \quad \begin{array}{r} 4.7 \\ 19.6 \end{array} \quad \begin{array}{r} 3.9 \\ 0.0 \end{array} \quad \begin{array}{r} 4.6 \\ 14.6 \end{array} \quad \begin{array}{r} 4.3 \\ 19.0 \end{array} \quad \begin{array}{r} 5.2 \\ 21.0 \end{array} \quad \begin{array}{r} 4.4 \\ 24.0 \end{array} \quad \begin{array}{r} 3.4 \\ 39.0 \end{array} \quad \begin{array}{r} 2.5 \\ 50.0 \end{array}$$

$$\begin{array}{r} 12.9 \\ 40.0 \end{array} \quad \begin{array}{r} 12.1 \\ 32.6 \end{array} \quad \begin{array}{r} 10.5 \\ 22.6 \end{array} \quad \begin{array}{r} 5.8 \\ 13.0 \end{array} \quad \begin{array}{r} 4.5 \\ 0.0 \end{array} \quad \begin{array}{r} 5.2 \\ 18.0 \end{array} \quad \begin{array}{r} 5.8 \\ 21.0 \end{array} \quad \begin{array}{r} 5.8 \\ 24.3 \end{array} \quad \begin{array}{r} 5.6 \\ 27.0 \end{array} \quad \begin{array}{r} 5.3 \\ 40.0 \end{array}$$

$$\begin{array}{r} 12.5 \\ 40.0 \end{array} \quad \begin{array}{r} 12.5 \\ 33.0 \end{array} \quad \begin{array}{r} 12.5 \\ 24.4 \end{array} \quad \begin{array}{r} 5.7 \\ 13.0 \end{array} \quad \begin{array}{r} 4.7 \\ 0.0 \end{array} \quad \begin{array}{r} 5.5 \\ 15.0 \end{array} \quad \begin{array}{r} 7.7 \\ 21.0 \end{array} \quad \begin{array}{r} 7.9 \\ 23.8 \end{array} \quad \begin{array}{r} 7.9 \\ 40.0 \end{array}$$

$$\begin{array}{r} 13.0 \\ 40.0 \end{array} \quad \begin{array}{r} 12.8 \\ 33.0 \end{array} \quad \begin{array}{r} 12.2 \\ 25.0 \end{array} \quad \begin{array}{r} 5.9 \\ 13.0 \end{array} \quad \begin{array}{r} 5.0 \\ 0.0 \end{array} \quad \begin{array}{r} 5.9 \\ 14.6 \end{array} \quad \begin{array}{r} 6.5 \\ 18.0 \end{array} \quad \begin{array}{r} 5.7 \\ 25.0 \end{array} \quad \begin{array}{r} 6.0 \\ 40.0 \end{array}$$

$$\begin{array}{r} 15.7 \\ 40.0 \end{array} \quad \begin{array}{r} 15.2 \\ 30.6 \end{array} \quad \begin{array}{r} 14.6 \\ 27.8 \end{array} \quad \begin{array}{r} 9.5 \\ 16.0 \end{array} \quad \begin{array}{r} 8.6 \\ 0.0 \end{array} \quad \begin{array}{r} 9.4 \\ 16.2 \end{array} \quad \begin{array}{r} 9.5 \\ 22.5 \end{array} \quad \begin{array}{r} 6.1 \\ 27.7 \end{array} \quad \begin{array}{r} 5.1 \\ 31.6 \end{array} \quad \begin{array}{r} 4.2 \\ 40.0 \end{array}$$

$$\begin{array}{r} 10.6 \\ 40.0 \end{array} \quad \begin{array}{r} 9.7 \\ 24.5 \end{array} \quad \begin{array}{r} 9.7 \\ 22.2 \end{array} \quad \begin{array}{r} 10.1 \\ 20.5 \end{array} \quad \begin{array}{r} 9.3 \\ 12.6 \end{array} \quad \begin{array}{r} 9.5 \\ 0.0 \end{array} \quad \begin{array}{r} 9.1 \\ 14.6 \end{array} \quad \begin{array}{r} 8.8 \\ 14.5 \end{array} \quad \begin{array}{r} 7.3 \\ 21.8 \end{array} \quad \begin{array}{r} 1.3 \\ 31.6 \end{array} \quad \begin{array}{r} 0.3 \\ 38.6 \end{array} \quad \begin{array}{r} 10.2 \\ 40.0 \end{array}$$

$$\begin{array}{r} 10.7 \\ 20.8 \end{array} \quad \begin{array}{r} 10.6 \\ 40.0 \end{array} \quad \begin{array}{r} 10.8 \\ 28.0 \end{array} \quad \begin{array}{r} 10.6 \\ 23.0 \end{array} \quad \begin{array}{r} 9.0 \\ 19.0 \end{array} \quad \begin{array}{r} 8.7 \\ 0.0 \end{array} \quad \begin{array}{r} 9.0 \\ 11.8 \end{array} \quad \begin{array}{r} 9.4 \\ 13.5 \end{array} \quad \begin{array}{r} 9.0 \\ 14.5 \end{array} \quad \begin{array}{r} 7.0 \\ 23.6 \end{array} \quad \begin{array}{r} 2.2 \\ 31.2 \end{array} \quad \begin{array}{r} 1.3 \\ 37.4 \end{array} \quad \begin{array}{r} 0.6 \\ 40.0 \end{array}$$

$$\begin{array}{r} 8.0 \\ 40.0 \end{array} \quad \begin{array}{r} 9.0 \\ 30.0 \end{array} \quad \begin{array}{r} 9.7 \\ 26.6 \end{array} \quad \begin{array}{r} 10.7 \\ 24.5 \end{array} \quad \begin{array}{r} 10.0 \\ 20.2 \end{array} \quad \begin{array}{r} 9.4 \\ 17.2 \end{array} \quad \begin{array}{r} 8.6 \\ 0.0 \end{array} \quad \begin{array}{r} 9.0 \\ 10.8 \end{array} \quad \begin{array}{r} 9.4 \\ 12.8 \end{array} \quad \begin{array}{r} 9.4 \\ 18.4 \end{array} \quad \begin{array}{r} 7.5 \\ 21.8 \end{array} \quad \begin{array}{r} 6.7 \\ 29.1 \end{array} \quad \begin{array}{r} 5.7 \\ 40.0 \end{array}$$

$$\begin{array}{r} 4.5 \\ 40.0 \end{array} \quad \begin{array}{r} 5.5 \\ 33.0 \end{array} \quad \begin{array}{r} 6.4 \\ 29.5 \end{array} \quad \begin{array}{r} 8.8 \\ 23.8 \end{array} \quad \begin{array}{r} 9.9 \\ 21.7 \end{array} \quad \begin{array}{r} 9.5 \\ 17.2 \end{array} \quad \begin{array}{r} 8.5 \\ 0.0 \end{array}$$

$$\begin{array}{r} 7.6 \\ 40.0 \end{array} \quad \begin{array}{r} 3.6 \\ 33.0 \end{array} \quad \begin{array}{r} 5.1 \\ 29.0 \end{array} \quad \begin{array}{r} 9.6 \\ 21.9 \end{array} \quad \begin{array}{r} 9.7 \\ 17.8 \end{array} \quad \begin{array}{r} 9.0 \\ 16.0 \end{array} \quad \begin{array}{r} 8.4 \\ 0.0 \end{array}$$

915.28

T.P. 4.56 908.56 11.28 904.00

30+50

31+00

31+50

T.P. 13.36 917.36 4.56 904.00

31+50

32+00

32+50

32+96

33+50

T.P. 8.30 912.30 13.36 904.00

33+02

33+50

34+00

4

£

Rt.

$$\begin{array}{r} 20 \\ 00 \end{array} \quad \begin{array}{r} 2.5 \\ 13.5 \end{array} \quad \begin{array}{r} 8.9 \\ 21.8 \end{array} \quad \begin{array}{r} -8.0 \\ 10.3 \\ 34.0 \end{array} \quad \begin{array}{r} 9.8 \\ 40.0 \end{array}$$

$$\begin{array}{r} 17 \\ 00 \end{array} \quad \begin{array}{r} 2.5 \\ 12.8 \end{array} \quad \begin{array}{r} 12.2 \\ 24.8 \end{array} \quad \begin{array}{r} 14.5 \\ 33.0 \end{array} \quad \begin{array}{r} -14.2 \\ 16.2 \\ 46.2 \end{array}$$

$$\begin{array}{r} 1.4 \\ 00 \end{array} \quad \begin{array}{r} 2.3 \\ 12.0 \end{array} \quad \begin{array}{r} 8.5 \\ 22.0 \end{array} \quad \begin{array}{r} -11.5 \\ 13.2 \\ 41.0 \end{array} \quad \begin{array}{r} 15.0 \\ 56.0 \end{array}$$

$$\begin{array}{r} +3.2 \\ 59.64 \\ 348 \end{array} \quad \begin{array}{r} 7.8 \\ 314 \end{array} \quad \begin{array}{r} 7.8 \\ 285 \end{array} \quad \begin{array}{r} 11.2 \\ 230 \end{array} \quad \begin{array}{r} 11.7 \\ 198 \end{array} \quad \begin{array}{r} 10.9 \\ 166 \end{array} \quad \begin{array}{r} 10.3 \\ 110 \end{array} \quad \begin{array}{r} 10.3 \\ 00 \end{array}$$

$$\begin{array}{r} 3.8 \\ 40.0 \end{array} \quad \begin{array}{r} 46.7 \\ 33 \\ 36.4 \end{array} \quad \begin{array}{r} 3.5 \\ 34.0 \end{array} \quad \begin{array}{r} 11.2 \\ 20.0 \end{array} \quad \begin{array}{r} 10.9 \\ 17.0 \end{array} \quad \begin{array}{r} 10.0 \\ 00 \end{array} \quad \begin{array}{r} 10.7 \\ 11.8 \end{array} \quad \begin{array}{r} 12.7 \\ 16.2 \end{array} \quad \begin{array}{r} 12.8 \\ 22.0 \end{array} \quad \begin{array}{r} 10.8 \\ 26.6 \end{array} \quad \begin{array}{r} 10.5 \\ 27.1 \end{array} \quad \begin{array}{r} 13.8 \\ 40.0 \end{array}$$

$$\begin{array}{r} +8.2 \\ 1.8 \\ 386 \end{array} \quad \begin{array}{r} 1.4 \\ 36.6 \end{array} \quad \begin{array}{r} 9.5 \\ 23.8 \end{array} \quad \begin{array}{r} 10.1 \\ 180 \end{array} \quad \begin{array}{r} 10.6 \\ 162 \end{array} \quad \begin{array}{r} 10.0 \\ 00 \end{array} \quad \begin{array}{r} 10.8 \\ 14.8 \end{array} \quad \begin{array}{r} 11.7 \\ 16.8 \end{array} \quad \begin{array}{r} 11.1 \\ 22.0 \end{array} \quad \begin{array}{r} 6.1 \\ 30.0 \end{array} \quad \begin{array}{r} 6.2 \\ 32.0 \end{array} \quad \begin{array}{r} 8.2 \\ 40.0 \end{array}$$

$$\begin{array}{r} +7.8 \\ 23 \\ 50.0 \end{array} \quad \begin{array}{r} 23 \\ 38.0 \end{array} \quad \begin{array}{r} 1.6 \\ 35.5 \end{array} \quad \begin{array}{r} 10.4 \\ 24.6 \end{array} \quad \begin{array}{r} 11.4 \\ 180 \end{array} \quad \begin{array}{r} 10.6 \\ 143 \end{array} \quad \begin{array}{r} 10.1 \\ 00 \end{array} \quad \begin{array}{r} 10.7 \\ 13.6 \end{array} \quad \begin{array}{r} 12.0 \\ 16.0 \end{array} \quad \begin{array}{r} 12.0 \\ 24.4 \end{array} \quad \begin{array}{r} 4.7 \\ 34.4 \end{array} \quad \begin{array}{r} 6.3 \\ 50.0 \end{array}$$

Same

$$\begin{array}{r} +7.8 \\ 21 \\ 38.4 \end{array} \quad \begin{array}{r} 21 \\ 37.6 \end{array} \quad \begin{array}{r} 11.4 \\ 24.4 \end{array} \quad \begin{array}{r} 12.0 \\ 21.2 \end{array} \quad \begin{array}{r} 11.9 \\ 185 \end{array} \quad \begin{array}{r} 10.6 \\ 140 \end{array} \quad \begin{array}{r} 10.0 \\ 00 \end{array}$$

$$\begin{array}{r} 5.0 \\ 00 \end{array} \quad \begin{array}{r} 5.8 \\ 14.0 \end{array} \quad \begin{array}{r} 6.4 \\ 12.0 \end{array} \quad \begin{array}{r} 6.9 \\ 21.2 \end{array} \quad \begin{array}{r} 0.0 \\ 5.0 \\ 26.3 \end{array} \quad \begin{array}{r} 4.5 \\ 40.0 \end{array}$$

$$\begin{array}{r} 4.9 \\ 00 \end{array} \quad \begin{array}{r} 5.4 \\ 14.0 \end{array} \quad \begin{array}{r} 6.2 \\ 16.4 \end{array} \quad \begin{array}{r} 6.0 \\ 18.4 \end{array} \quad \begin{array}{r} 5.3 \\ 21.0 \end{array} \quad \begin{array}{r} 5.4 \\ 25.6 \end{array} \quad \begin{array}{r} 5.5 \\ 40.0 \end{array}$$

$$\begin{array}{r} 2.7 \\ 40.0 \end{array} \quad \begin{array}{r} 1.7 \\ 31.0 \end{array} \quad \begin{array}{r} 8.0 \\ 27.0 \end{array} \quad \begin{array}{r} +3.1 \\ 8.3 \\ 24.7 \end{array} \quad \begin{array}{r} 8.3 \\ 20.4 \end{array} \quad \begin{array}{r} 5.4 \\ 15.0 \end{array} \quad \begin{array}{r} 4.9 \\ 00 \end{array} \quad \begin{array}{r} 5.4 \\ 11.4 \end{array} \quad \begin{array}{r} 6.0 \\ 14.6 \end{array} \quad \begin{array}{r} 5.9 \\ 16.6 \end{array} \quad \begin{array}{r} 6.4 \\ 24.0 \end{array}$$

912.30
 T.P. 1.27 908.99 4.58 907.72 ^{on 3750} 34+50 35+00

35+00

35+50

T.P. 560 913.32 1.27 907.72
 36+00

36+50

37+00

T.P. 893 921.28 0.97 912.35
 37+50

38+00

T.P. 12.47 932.37 1.38 919.90
 38+50

39+00

39+50

40+00

T.P. 889 928.79 12.47 919.90
 T.P. 7.92 936.25 0.46 928.33

40+50

$\frac{6.4}{40.0}$ $\frac{6.9}{28.6}$ $\frac{6.8}{23.6}$ $\frac{2.5}{14.0}$ $\frac{1.3}{8.0}$ $\frac{1.7}{10.5}$ $\frac{11.9}{28.0}$ $\frac{12.0}{38.8}$ $\frac{12.1}{45.0}$

$\frac{10.2}{40.0}$ $\frac{10.2}{35.6}$ $\frac{10.0}{26.6}$ $\frac{1.4}{12.6}$ $\frac{1.0}{0.0}$ $\frac{1.9}{12.0}$ $\frac{11.3}{28.6}$ $\frac{11.5}{38.2}$ $\frac{11.5}{45.0}$

$\frac{10.0}{40.0}$ $\frac{9.8}{36.8}$ $\frac{9.2}{25.0}$ $\frac{0.6}{12.8}$ $\frac{0.1}{0.0}$ $\frac{0.5}{9.6}$ $\frac{8.6}{21.6}$ $\frac{9.9}{28.6}$ $\frac{10.4}{38.0}$ $\frac{10.4}{45.0}$

$\frac{11.0}{40.0}$ $\frac{11.1}{32.8}$ $\frac{11.0}{28.5}$ $\frac{8.3}{19.2}$ $\frac{4.0}{12.6}$ $\frac{3.4}{0.0}$ $\frac{4.1}{11.6}$ $\frac{10.6}{20.5}$ $\frac{11.4}{24.0}$ $\frac{13.1}{29.0}$ $\frac{13.7}{38.0}$ $\frac{13.6}{52.0}$

$\frac{9.7}{40.0}$ $\frac{9.9}{36.0}$ $\frac{10.7}{34.0}$ $\frac{12.6}{32.0}$ $\frac{12.4}{25.0}$ $\frac{3.0}{12.6}$ $\frac{2.4}{0.0}$ $\frac{3.1}{11.6}$ $\frac{8.4}{20.0}$ $\frac{9.3}{24.8}$ $\frac{11.7}{29.8}$ $\frac{11.9}{36.0}$ $\frac{11.2}{45.0}$

$\frac{11}{40.0}$ $\frac{7.2}{35.0}$ $\frac{8.2}{32.0}$ $\frac{9.2}{31.5}$ $\frac{9.3}{28.4}$ $\frac{8.6}{25.0}$ $\frac{1.6}{14.0}$ $\frac{0.9}{0.0}$ $\frac{1.5}{11.6}$ $\frac{6.0}{19.5}$ $\frac{7.0}{27.8}$ $\frac{8.9}{31.8}$ $\frac{8.9}{33.0}$ $\frac{8.5}{40.0}$

$\frac{8.8}{40.0}$ $\frac{8.5}{34.6}$ $\frac{12.5}{28.4}$ $\frac{13.8}{26.6}$ $\frac{13.6}{22.6}$ $\frac{7.8}{15.0}$ $\frac{7.0}{0.0}$ $\frac{7.6}{12.0}$ $\frac{9.9}{17.0}$ $\frac{10.1}{23.6}$ $\frac{10.4}{30.0}$ $\frac{11.2}{39.0}$ $\frac{11.3}{40.0}$

$\frac{3.3}{40.0}$ $\frac{2.8}{33.0}$ $\frac{4.5}{26.4}$ $\frac{10.3}{25.0}$ $\frac{10.4}{23.6}$ $\frac{5.9}{15.4}$ $\frac{5.0}{0.0}$ $\frac{5.6}{16.0}$ $\frac{6.6}{19.0}$ $\frac{5.2}{23.0}$ $\frac{5.3}{25.8}$ $\frac{5.2}{30.0}$ $\frac{6.1}{40.0}$

$\frac{8.6}{40.0}$ $\frac{9.6}{32.9}$ $\frac{18.2}{27.6}$ $\frac{18.2}{20.6}$ $\frac{14.9}{14.6}$ $\frac{14.0}{0.0}$ $\frac{14.6}{13.6}$ $\frac{15.2}{19.0}$ $\frac{15.0}{21.0}$ $\frac{11.5}{30.1}$ $\frac{9.1}{35.0}$ $\frac{10.6}{40.0}$

$\frac{3.7}{40.0}$ $\frac{3.7}{38.8}$ $\frac{4.0}{33.0}$ $\frac{14.0}{20.0}$ $\frac{14.2}{18.0}$ $\frac{12.7}{14.0}$ $\frac{12.0}{0.0}$ $\frac{12.6}{14.6}$ $\frac{13.2}{17.6}$ $\frac{4.3}{34.0}$ $\frac{4.4}{37.7}$ $\frac{4.6}{40.0}$

$\frac{1.9}{40.0}$ $\frac{1.7}{38.8}$ $\frac{1.9}{31.0}$ $\frac{11}{17.6}$ $\frac{11}{15.0}$ $\frac{10.5}{13.6}$ $\frac{10.0}{0.0}$ $\frac{11.0}{17.6}$ $\frac{11.4}{19.0}$ $\frac{11.4}{20.0}$ $\frac{2.0}{32.6}$ $\frac{2.7}{37.3}$ $\frac{2.7}{40.0}$

$\frac{1.5}{40.0}$ $\frac{1.5}{36.1}$ $\frac{2.2}{31.0}$ $\frac{9.0}{20.0}$ $\frac{8.6}{11.6}$ $\frac{8.0}{0.0}$ $\frac{8.9}{15.6}$ $\frac{9.7}{16.6}$ $\frac{9.7}{17.6}$ $\frac{2.6}{28.0}$ $\frac{2.5}{34.6}$ $\frac{2.5}{40.0}$

$\frac{5.8}{40.0}$ $\frac{5.8}{33.1}$ $\frac{6.8}{28.0}$ $\frac{11.2}{21.0}$ $\frac{11.0}{17.0}$ $\frac{10.3}{0.0}$ $\frac{11.4}{12.6}$ $\frac{13.0}{17.6}$ $\frac{13.1}{20.6}$ $\frac{12.6}{22.0}$ $\frac{6.7}{35.0}$ $\frac{6.5}{40.0}$

936.25

41+00

41+50

41+60

42+00

42+50

43+00

43+50

44+00

44+60

T.P.	5.71	941.89	0.07	936.18
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45+00

45+50

46+00

T.P.	9.25	946.63	4.51	937.38
------	------	--------	------	--------

46+50

T.P.	9.30	946.68	9.25	937.38
------	------	--------	------	--------

47+00

(2.5) $\frac{6.1}{40.0}$ $\frac{6.1}{30.1}$ $\frac{6.3}{27.0}$ $\frac{10.3}{23.0}$ $\frac{10.1}{20.0}$ $\frac{7.4}{15.8}$ $\frac{8.6}{00}$ $\frac{9.5}{13.0}$ $\frac{11.2}{16.5}$ $\frac{11.3}{22.8}$ $\frac{11.2}{22.6}$ $\frac{7.0}{33.6}$ $\frac{7.0}{40.0}$

$\frac{7.1}{40.0}$ $\frac{7.1}{28.0}$ $\frac{9.1}{23.6}$ $\frac{9.4}{21.8}$ $\frac{7.0}{17.0}$ $\frac{8.0}{14.0}$ $\frac{7.2}{00}$ $\frac{8.0}{16.0}$ $\frac{9.2}{20.0}$ $\frac{9.1}{23.0}$ $\frac{7.2}{26.3}$ $\frac{7.5}{32.6}$ $\frac{8.5}{40.0}$

(D.C.O.O)

DCO.8

$\frac{6.7}{40.0}$ $\frac{6.7}{25.2}$ $\frac{7.3}{21.6}$ $\frac{7.0}{17.0}$ $\frac{6.6}{13.6}$ $\frac{6.0}{00}$ $\frac{6.5}{14.0}$ $\frac{8.7}{20.0}$ $\frac{8.7}{22.8}$ $\frac{8.7}{24.0}$ $\frac{6.3}{28.0}$ $\frac{6.3}{40.0}$

DCO.00

$\frac{6.2}{40.0}$ $\frac{6.5}{24.0}$ $\frac{6.9}{22.6}$ $\frac{6.7}{19.0}$ $\frac{5.6}{13.6}$ $\frac{5.0}{00}$ $\frac{5.5}{13.6}$ $\frac{7.8}{19.0}$ $\frac{8.0}{23.4}$ $\frac{5.4}{32.0}$ $\frac{4.5}{40.0}$

(1.7)

$\frac{5.1}{40.0}$ $\frac{6.1}{21.4}$ $\frac{6.1}{19.0}$ $\frac{5.8}{15.6}$ $\frac{4.8}{13.1}$ $\frac{4.1}{00}$ $\frac{4.6}{13.6}$ $\frac{6.8}{17.0}$ $\frac{6.8}{20.4}$ $\frac{6.8}{22.8}$ $\frac{5.3}{24.8}$ $\frac{5.2}{40.0}$

DCO.5

$\frac{5.3}{40.0}$ $\frac{5.4}{21.8}$ $\frac{5.6}{20.6}$ $\frac{5.6}{18.4}$ $\frac{4.0}{13.5}$ $\frac{3.2}{00}$ $\frac{3.8}{12.0}$ $\frac{6.3}{16.0}$ $\frac{3.9}{25.2}$ $\frac{4.3}{40.0}$

DCO.8

(2.4)

$\frac{4.0}{40.0}$ $\frac{4.1}{25.0}$ $\frac{4.9}{22.8}$ $\frac{6.5}{21.0}$ $\frac{6.5}{17.6}$ $\frac{2.6}{11.0}$ $\frac{2.2}{00}$ $\frac{3.1}{13.6}$ $\frac{4.9}{16.8}$ $\frac{4.9}{14.6}$ $\frac{2.9}{23.0}$ $\frac{2.9}{25.2}$ $\frac{3.5}{30.0}$

DCO.8

$\frac{3.5}{40.0}$ $\frac{3.7}{25.0}$ $\frac{4.4}{24.0}$ $\frac{5.7}{21.6}$ $\frac{5.7}{18.0}$ $\frac{1.6}{11.0}$ $\frac{1.1}{00}$ $\frac{1.6}{12.6}$ $\frac{3.6}{17.0}$ $\frac{3.6}{18.0}$ $\frac{1.9}{21.0}$ $\frac{2.1}{24.8}$ $\frac{2.1}{40.0}$

DCO.5

$\frac{8.2}{40.0}$ $\frac{8.4}{26.0}$ $\frac{9.5}{24.2}$ $\frac{10.2}{22.6}$ $\frac{10.7}{17.6}$ $\frac{7.0}{11.6}$ $\frac{6.1}{00}$ $\frac{6.5}{13.6}$ $\frac{9.5}{17.6}$ $\frac{9.5}{23.0}$ $\frac{9.5}{24.0}$ $\frac{7.6}{26.0}$ $\frac{7.6}{40.0}$

(3.1)

(3.0)

$\frac{7.5}{40.0}$ $\frac{7.5}{22.0}$ $\frac{8.8}{24.6}$ $\frac{9.4}{23.4}$ $\frac{9.7}{18.6}$ $\frac{6.0}{12.0}$ $\frac{5.2}{00}$ $\frac{5.7}{13.6}$ $\frac{9.4}{20.4}$ $\frac{9.4}{23.4}$ $\frac{8.8}{24.6}$ $\frac{7.1}{27.4}$ $\frac{7.0}{40.0}$

(3.3)

(3.3)

$\frac{7.2}{40.0}$ $\frac{6.7}{27.0}$ $\frac{7.0}{24.5}$ $\frac{7.4}{23.8}$ $\frac{9.2}{21.6}$ $\frac{9.0}{17.6}$ $\frac{4.9}{11.6}$ $\frac{4.2}{00}$ $\frac{4.6}{12.2}$ $\frac{7.2}{17.5}$ $\frac{7.4}{22.5}$ $\frac{7.2}{23.4}$ $\frac{6.2}{25.6}$ $\frac{5.2}{40.0}$

(2.9)

(2.7)

On part of T.R. Lt. Sta. 46+60

$\frac{10.5}{40.0}$ $\frac{12.0}{28.0}$ $\frac{11.4}{24.0}$ $\frac{11.5}{23.0}$ $\frac{10.8}{16.1}$ $\frac{8.5}{10.3}$ $\frac{8.1}{00}$ $\frac{8.6}{11.6}$ $\frac{10.6}{18.0}$ $\frac{10.6}{20.6}$ $\frac{9.4}{23.6}$ $\frac{9.4}{24.3}$

(3.0)

DCO.2

$\frac{9.6}{40.0}$ $\frac{8.6}{28.0}$ $\frac{9.4}{22.2}$ $\frac{11.3}{19.6}$ $\frac{11.3}{16.6}$ $\frac{7.5}{11.0}$ $\frac{7.0}{00}$ $\frac{7.4}{11.0}$ $\frac{9.5}{16.0}$ $\frac{9.5}{18.0}$ $\frac{8.3}{24.3}$ $\frac{8.3}{40.0}$

(2.1)

DCO.2

946.68

47+50

48+00

48+50

49+00

49+50

Begin of Trees 25' R/L

T.P.

5.68

950.06

2.30

944.38

50+00

50+50

51+00

25' R/L

51+50

52+00

Trees 26' R/L

52+41

End of Trees 27' R/L

1

B.M.

7.67

954.13

3.60

946.46

52+45

52+48

24.

2

24.

DC.0.0

8.9 7.9 8.7 10.0 10.0 6.2 5.8 6.7 7.9 2.3 6.8
 40.0 27.3 23.2 21.0 18.0 11.5 00 13.3 16.7 24.0 40.0

6.8 6.9 7.0 7.0 5.5 4.8 5.2 6.7 6.6 6.3 6.2
 40.0 26.0 21.8 20.4 14.0 00 12.2 16.6 21.0 26.6 40.0

5.3 5.6 6.0 6.0 4.8 4.1 4.7 5.5 5.5 4.7 4.6
 40.0 24.0 21.5 18.0 14.4 00 12.6 17.0 19.5 23.4 25.8 40.0

3.0 3.2 4.7 4.6 4.0 3.4 4.0 3.5 3.0 2.8 2.8
 40.0 27.2 24.2 21.0 16.2 13.8 00 14.0 19.8 24.0 28.2 40.0

1.5 1.8 1.7 3.2 2.8 3.2 3.4 1.2 1.2 1.4
 40.0 29.0 24.0 15.8 00 11.0 12.5 28.0 30.0 40.0

4.5 4.7 4.1 4.0 6.2 5.5 6.0 5.5 3.4 3.4 3.7
 40.0 28.5 26.0 21.0 13.0 00 13.6 14.6 24.0 31.2 40.0

3.8 3.9 3.0 3.6 5.6 5.1 5.7 4.7 2.9 2.9 2.8
 40.0 29.4 25.0 21.0 13.0 00 13.6 15.0 25.0 31.4 40.0

3.3 3.4 2.3 3.2 5.4 4.9 5.4 4.5 2.6 2.6 2.6
 40.0 30.0 24.0 20.0 12.0 00 13.0 14.6 25.0 31.6 40.0

3.0 3.1 3.0 3.1 5.1 4.6 5.0 4.1 2.6 2.6 2.7
 40.0 30.0 27.4 20.0 13.6 00 14.6 15.6 20.0 31.0 40.0

2.6 2.7 1.9 2.2 4.8 4.1 4.6 3.1 2.7 2.7 2.8
 40.0 29.8 25.6 21.0 13.0 00 14.0 17.6 26.0 29.8 40.0

2.1 2.4 2.3 4.3 4.3 3.5 3.9 3.6 2.9 2.4 2.6
 40.0 28.2 24.0 17.0 13.2 00 14.0 17.0 20.4 27.0 28.2 40.0

N. E. Cor. of Mont. on B. & M. Menemey

12.9 10.8 9.2 8.6 7.9 8.2 7.9 8.6 8.8
 50.0 31.6 21.0 14.6 0.0 15.0 23.0 27.6 30.0

Same

954.13

$$\sqrt{2} + \sqrt{3}$$

$$\sqrt{2} + \sqrt{70}$$

$$\sqrt{2} + \sqrt{88}$$

$$\sqrt{2} + \sqrt{90}$$

$$\sqrt{2} + \sqrt{93}$$

$$\sqrt{3} + 0.0$$

$$\sqrt{3} + \sqrt{50}$$

$$\sqrt{4} + 0.0$$

$$\sqrt{4} + \sqrt{50}$$

$$\sqrt{4} + 0.0 \quad 238 \quad 943.80 \quad 12.71 \quad 944.42$$

$$\sqrt{5} + 0.0$$

$$\sqrt{5} + \sqrt{50}$$

$$\sqrt{6} + 0.0$$

$$\sqrt{6} + \sqrt{50}$$

L.

L

R.

$$\begin{array}{r} 11.4 \quad 23 \quad 8.8 \quad 7.8 \quad 8.1 \quad 7.8 \quad 8.0 \\ 50.0 \quad 26.6 \quad 20.0 \quad 0.0 \quad 16.6 \quad 27.6 \quad 50.0 \end{array}$$

$$\begin{array}{r} 11.2 \quad 9.8 \quad 8.6 \quad 7.2 \quad 7.4 \quad 7.4 \\ 50.0 \quad 35.0 \quad 20.6 \quad 0.0 \quad 16.6 \quad 50.0 \end{array}$$

$$\begin{array}{r} 11.6 \quad 10.2 \quad 10.1 \quad 8.6 \quad 8.4 \quad 8.4 \quad 8.1 \quad 7.9 \\ 50.0 \quad 21.6 \quad 25.0 \quad 12.0 \quad 0.0 \quad 18.6 \quad 26.6 \quad 50.0 \end{array}$$

$$\begin{array}{r} 12.9 \quad 11.7 \quad 10.9 \quad 10.0 \quad 8.7 \quad 8.4 \quad 8.5 \quad 8.6 \quad 8.3 \quad 8.8 \quad 8.9 \\ 50.0 \quad 34.0 \quad 29.0 \quad 21.6 \quad 12.0 \quad 0.0 \quad 10.0 \quad 17.0 \quad 23.0 \quad 31.0 \quad 50.0 \end{array}$$

Same

$$\begin{array}{r} \textcircled{+3.4} \quad \textcircled{+3.2} \\ 5.2 \quad 5.3 \quad 5.5 \quad 7.3 \quad 9.5 \quad 9.0 \quad 8.7 \quad 9.0 \quad 8.6 \quad 8.1 \quad 5.5 \quad 5.5 \quad 5.7 \\ 40.0 \quad 33.8 \quad 28.6 \quad 23.0 \quad 17.0 \quad 12.0 \quad 0.0 \quad 13.6 \quad 15.0 \quad 24.0 \quad 30.0 \quad 33.4 \quad 40.0 \end{array}$$

$$\begin{array}{r} \textcircled{+5.2} \quad \textcircled{+4.8} \\ 4.6 \quad 4.6 \quad 4.7 \quad 9.8 \quad 10.0 \quad 10.4 \quad 9.8 \quad 10.3 \quad 9.7 \quad 9.0 \quad 4.6 \quad 5.0 \quad 4.3 \\ 40.0 \quad 37.4 \quad 30.0 \quad 23.0 \quad 18.6 \quad 15.6 \quad 0.0 \quad 14.0 \quad 15.6 \quad 23.6 \quad 29.6 \quad 36.6 \quad 50.0 \end{array}$$

$$\begin{array}{r} \textcircled{4.4} \quad \textcircled{+5.5} \\ 3.7 \quad 4.3 \quad 4.2 \quad 9.6 \quad 12.8 \quad 11.3 \quad 10.7 \quad 11.3 \quad 10.9 \quad 10.8 \quad 4.5 \quad 5.2 \quad 4.7 \\ 50.0 \quad 39.8 \quad 34.0 \quad 25.0 \quad 16.6 \quad 13.6 \quad 0.0 \quad 14.6 \quad 16.0 \quad 22.0 \quad 32.6 \quad 38.0 \quad 50.0 \end{array}$$

$$\begin{array}{r} \textcircled{+5.2} \quad \textcircled{+3.5} \\ 6.6 \quad 6.5 \quad 6.6 \quad 11.5 \quad 12.0 \quad 12.4 \quad 11.7 \quad 12.3 \quad 11.4 \quad 8.4 \quad 8.2 \quad 8.2 \\ 50.0 \quad 37.4 \quad 30.6 \quad 23.6 \quad 16.6 \quad 15.6 \quad 0.0 \quad 14.6 \quad 20.0 \quad 24.6 \quad 34.0 \quad 40.0 \end{array}$$

$$\begin{array}{r} \textcircled{0.0} \quad \textcircled{+2.3} \\ 3.3 \quad 2.4 \quad 2.7 \quad 3.1 \quad 2.4 \quad 2.9 \quad 0.8 \quad 0.2 \quad 0.1 \quad 0.0 \\ 40.0 \quad 27.0 \quad 18.5 \quad 13.8 \quad 0.0 \quad 15.6 \quad 21.6 \quad 29.0 \quad 31.6 \quad 40.0 \end{array}$$

$$\begin{array}{r} \textcircled{+3.2} \quad \textcircled{+2.9} \\ 7.5 \quad 6.9 \quad 6.9 \quad 5.0 \quad 3.8 \quad 3.4 \quad 4.2 \quad 4.6 \quad 4.6 \quad 3.4 \quad 2.5 \quad 2.3 \\ 40.0 \quad 24.4 \quad 22.0 \quad 15.0 \quad 11.0 \quad 0.0 \quad 15.6 \quad 16.6 \quad 18.6 \quad 21.6 \quad 28.8 \quad 40.0 \end{array}$$

$$\begin{array}{r} \textcircled{5.0} \quad \text{acc.00} \\ 11.7 \quad 10.8 \quad 9.1 \quad 5.8 \quad 4.9 \quad 5.5 \quad 6.4 \quad 6.4 \quad 5.8 \quad 4.7 \\ 40.0 \quad 29.2 \quad 20.0 \quad 13.6 \quad 0.0 \quad 15.6 \quad 21.6 \quad 24.0 \quad 27.0 \quad 40.0 \end{array}$$

$$\begin{array}{r} \textcircled{6.0} \quad \textcircled{12.0} \\ 14.0 \quad 12.6 \quad 12.6 \quad 9.7 \quad 7.2 \quad 8.2 \quad 6.9 \quad 8.5 \quad 7.5 \\ 40.0 \quad 30.2 \quad 29.6 \quad 23.0 \quad 12.0 \quad 0.0 \quad 12.6 \quad 22.0 \quad 40.0 \end{array}$$

94280

57+00 036 936.43 7.75 936.07

57+00

57+50

58+00

1.71 932.83 5.31 931.12 ✓

58+50

59+00

59+50

60+00

60+50

T.P 465 931.06 6.42 926.41

61+00

61+50

62+00

T.P 312 924.11 10.07 920.99

62+50

-52
 7.2 62 39 3.4 1.5 0.6 1.1 3.5 39 34 2.7 1.5
 40.0 28.6 20.6 16.0 12.6 0.0 12.0 17.6 20.0 23.0 27.6 40.0

-6.4
 11.0 8.8 8.3 5.6 2.8 2.1 2.7 6.6 6.8 6.6 5.8 3.1 2.4
 47.0 30.8 27.4 17.0 11.0 0.0 12.0 18.6 26.8 30.0 33.6 39.6 47

-6.8
 11.5 10.7 10.1 8.0 4.2 3.6 3.9 8.0 8.5 7.9 5.2 4.2
 42.0 31.6 26.6 17.6 10.0 0.0 11.0 20.6 27.2 33.0 42.0 50.0

-8.6
 10.5 10.0 7.4 1.7 1.1 1.4 6.4 6.4 6.4 4.2 3.7
 40.0 35.2 21.0 9.6 0.0 10.6 23.0 28.0 38.0 42.0 47.0

-6.9
 9.9 9.5 9.0 6.4 2.6 2.3 2.6 5.7 6.4 6.4 5.0 4.7
 40.0 31.8 25.0 16.6 9.0 0.0 10.6 18.6 25.4 35.6 39.0 45.0

-5.0
 8.3 8.8 8.5 6.6 3.8 3.5 3.9 5.3 5.8 5.8 5.3
 40.0 28.0 24.6 15.6 9.6 0.0 11.0 17.6 21.6 24.6 40.0

250.0
 6.7 6.2 7.4 7.4 5.2 4.7 5.1 6.7 6.8 7.0 5.2 4.7
 40.0 24.0 20.0 16.6 11.0 0.0 12.6 20.0 21.6 26.0 28.0 40.0

0.0
 5.5 6.0 6.3 8.7 8.5 6.7 6.0 6.5 7.7 8.0 4.1 4.2 4.2
 40.0 27.0 24.6 20.4 15.6 12.0 0.0 12.0 16.6 22.0 27.0 30.6 40.0

41.5
 4.6 4.0 4.3 7.7 7.7 6.3 5.5 5.9 7.5 7.5 2.0 2.0 1.8
 40.0 30.0 25.0 19.0 17.0 13.6 0.0 12.0 17.0 19.0 26.6 34.0 40.0

41.0
 6.8 6.3 6.4 9.4 9.4 8.0 7.3 8.0 9.0 9.0 3.9 3.8 3.5
 40.0 29.0 24.6 19.0 17.0 13.6 0.0 12.0 15.6 18.0 26.6 34.0 40.0

050.8
 10.5 9.7 11.7 11.7 10.0 9.0 9.5 10.6 10.6 6.4 6.1 5.5
 40.0 25.6 20.0 18.0 14.0 0.0 12.6 16.0 18.0 26.0 32.8 40.0

21
 2.8 6.0 6.3 6.3 4.6 3.9 4.7 5.2 5.2 2.4 2.5 1.9
 40.0 25.6 22.2 18.0 13.0 0.0 14.0 17.0 21.0 26.6 29.8 40.0

924.11

63+00

T.P. 2.29 921.72 4.68 919.43

63+50

T.P. 2.39 921.82 2.29 919.43

64+00

64+55

65+00

65+50

T.P. 5.71 913.73 13.80 908.02

66+00

66+50

T.P. 11.54 914.25 11.02 902.71

pipe 22' at
Sta. 66+50

67+02

67+50

68+00

68+50

	Lt.							Rt.	
9.5	8.5	8.2	6.6	6.0	6.6	7.3	6.9	00.04	6.6
40.0	22.4	17.6	13.0	0.0	14.0	17.6	19.0	24.8	40.0

	DC 0.0							(-5.1)	
6.1	7.1	7.3	6.0	5.6	6.6	7.4	10.0	11.0	12.0
4.0	2.4	1.8	1.4	0.0	1.5	18.6	23.4	28.2	40.0

	(+5.9)							(-3.9)	
0.5	1.5	2.9	8.9	8.9	8.0	7.4	8.2	8.7	11.6
40.0	38.8	27.0	16.6	14.6	12.0	0.0	16.0	21.0	25.8

	(+10.7)							(+1.3)	
+1.2	+1.3	+1.8	10.1	9.4	10.2	8.6	8.1	10.4	11.1
50.0	48.4	32.6	12.6	0.0	18.6	24.0	29.6	40.0	43.0

	(+7.9)							(+6.8)	
4.5	3.3	1.9	10.3	12.0	11.6	11.2	11.6	12.0	3.0
45.0	42.8	34.6	22.0	18.6	13.0	0.0	9.6	15.6	29.0

	(+11.5)								(+9.1)
14.0	11.5	10.6	13.7	13.7	13.1	13.0	13.4	13.9	13.2
40.0	30.0	25.6	19.0	13.0	8.6	0.0	9.6	16.6	18.0

	(-1.8)							(+6.0)	
9.5	9.1	8.9	8.5	7.2	6.8	7.9	3.4	0.8	0.0
40.0	27.0	21.6	18.0	13.4	0.0	15.6	21.6	39.0	45.0

	(-2.0)							(+5.0)	
13.8	11.9	11.5	11.4	9.4	9.0	9.7	9.1	6.8	2.4
45.0	26.0	22.4	19.6	10.6	0.0	5.6	17.6	19.6	37.0

11.6	12.5	6.0	3.0	1.2
0.0	16.0	25.0	24.0	50.0

13.6	12.8	5.0	0.9	0.0
0.0	17.0	32.0	52.4	55.0

15.3	15.9	13.8	4.9	3.1	2.4
0.0	13.0	20.0	39.0	45.6	52.8

17.5	18.1	16.5	6.2	5.2	5.0
0.0	11.6	20.0	35.6	50.0	52.0

914.25

T.P. 1.78 902.41 13.62 900.63 ✓

67+0 ✓

67+50

68+00

68+50

69+00

69+50

T.P. 0.89 891.47 11.23 890.58

70+00

70+50

71+00

71+50

72+00

72+50

L. f.

22

24

7.5	80	0.7	0.7	103
420	340	226	160	0.6

$$\begin{array}{r} 15.3 \\ 50.0 \\ \hline \end{array} \quad \begin{array}{r} -14.0 \\ 16.3 \\ 46.0 \\ \hline \end{array} \quad \begin{array}{r} 15.6 \\ 43.0 \\ \hline \end{array} \quad \begin{array}{r} 2.7 \\ 20.0 \\ \hline \end{array} \quad \begin{array}{r} 1.7 \\ 2.0 \\ \hline \end{array}$$

	-12.3			
<u>161</u>	16.1	<u>13.6</u>	<u>4.8</u>	<u>3.5</u>
50.0	42.6	32.6	190	00

$$\begin{array}{r} 16.0 \\ 450 \overline{) 7200} \\ \underline{450} \\ 2700 \\ \underline{2250} \\ 450 \\ \underline{450} \\ 0 \end{array}$$

16.2	16.3	16.3	8.1	7.2	8.0	10.1	12.1	0.9	+8.0	+0.8	+0.8
40.0	35.6	31.0	20.0	0.0	9.6	12.6	12.6	33.6	43.0	46.0	

	-6.1							+0.3	
<u>16.0</u>	16.4	16.4	11.0	<u>10.0</u>	10.7	12.8	12.8	9.7	9.0
- 40.0	28.2	26.6	18.0	00	12.6	16.6	23.6	27.6	42.0

50	46	42	30	21	29	44	44	40
40.0	22.4	20.0	150	00	206	240	356	400

	20.07				20.01	
$\frac{5.2}{40.0}$	$\frac{5.2}{254}$	$\frac{51}{18.0}$	$\frac{4.6}{00}$	$\frac{58}{21.0}$	$\frac{6.0}{242}$	$\frac{7.1}{40.0}$

D.C.04					D.C.03		
65	62	58	51	55	60	63	66
40.0	248	180	00	12.0	14.0	26.6	40.0

D.C.07

7.9	7.2	7.1	6.4	7.0	6.1	6.1	6.4	6.4	6.4
40.0	25.4	17.3	08	14.6	16.6	22.0	23.0	25.0	40.0

0.0

9.1	8.4	8.2	7.5	7.7	7.2	7.2	7.8	7.8	7.7
40.0	25.2	20.0	0.0	15.0	17.0	22.6	24.6	26.4	40.0

		DC.9							DC.13	
<u>16.8</u>	<u>88</u>	<u>90</u>	<u>90</u>	<u>84</u>	<u>9.1</u>	<u>8.0</u>	<u>8.0</u>	<u>8.5</u>	<u>86</u>	<u>82</u>
40.0	34.0	25.8	15.6	0.0	16.0	18.6	22.6	23.5	26.6	40.0

891.47

73+00

T.P

5.14

887.63

8.98

882.49

73+50

T.P

7.43

886.34

8.72

878.91

Rock 30' Lt
75+50

74+00

74+50

T.P

7.91

886.82

7.43

878.91

75+00

75+50

T.P

7.35

886.26

7.91

878.91

76+00

76+50

77+00

77+50

78+00

78+50

79+00

27.

28.

29.

$\frac{12.0}{40.0}$	$\frac{9.8}{31.0}$	$\frac{9.4}{26.0}$	$\frac{9.5}{14.6}$	$\frac{8.9}{0.0}$	$\frac{9.6}{17.0}$	$\frac{8.7}{19.0}$	$\frac{8.7}{27.4}$	$\frac{8.9}{40.0}$
---------------------	--------------------	--------------------	--------------------	-------------------	--------------------	--------------------	--------------------	--------------------

$\frac{11.0}{40.0}$	$\frac{6.0}{24.6}$	$\frac{6.3}{25.8}$	$\frac{6.3}{16.6}$	$\frac{6.5}{15.6}$	$\frac{5.7}{0.0}$	$\frac{6.3}{18.0}$	$\frac{5.4}{19.6}$	$\frac{5.4}{27.6}$	$\frac{5.5}{40.0}$
---------------------	--------------------	--------------------	--------------------	--------------------	-------------------	--------------------	--------------------	--------------------	--------------------

$\frac{9.6}{40.0}$	$\frac{4.7}{28.5}$	$\frac{4.8}{22.0}$	$\frac{5.3}{17.4}$	$\frac{5.7}{16.0}$	$\frac{4.8}{0.0}$	$\frac{5.4}{18.0}$	$\frac{4.3}{19.6}$	$\frac{4.2}{28.2}$	$\frac{4.4}{40.0}$
--------------------	--------------------	--------------------	--------------------	--------------------	-------------------	--------------------	--------------------	--------------------	--------------------

$\frac{6.4}{40.0}$	$\frac{5.3}{29.0}$	$\frac{5.1}{20.6}$	$\frac{6.0}{16.6}$	$\frac{5.3}{0.0}$	$\frac{5.5}{16.6}$	$\frac{4.4}{18.0}$	$\frac{4.6}{28.4}$	$\frac{4.6}{40.0}$
--------------------	--------------------	--------------------	--------------------	-------------------	--------------------	--------------------	--------------------	--------------------

$\frac{4.1}{40.0}$	$\frac{5.2}{28.6}$	$\frac{4.8}{20.6}$	$\frac{6.8}{17.0}$	$\frac{6.0}{0.0}$	$\frac{6.1}{15.6}$	$\frac{5.1}{17.0}$	$\frac{4.9}{24.0}$	$\frac{5.3}{28.4}$	$\frac{5.5}{40.0}$
--------------------	--------------------	--------------------	--------------------	-------------------	--------------------	--------------------	--------------------	--------------------	--------------------

$\frac{1.8}{40.0}$	$\frac{2.0}{34.2}$	$\frac{2.4}{29.0}$	$\frac{6.2}{21.6}$	$\frac{6.8}{17.6}$	$\frac{5.6}{0.0}$	$\frac{6.0}{15.6}$	$\frac{5.0}{17.0}$	$\frac{4.8}{24.6}$	$\frac{5.2}{25.6}$	$\frac{5.2}{27.8}$	$\frac{5.4}{40.0}$
--------------------	--------------------	--------------------	--------------------	--------------------	-------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------

$\frac{11.0}{45.0}$	$\frac{0.0}{38.0}$	$\frac{0.5}{35.6}$	$\frac{5.7}{27.6}$	$\frac{6.0}{15.0}$	$\frac{5.5}{0.0}$	$\frac{5.5}{18.0}$	$\frac{4.3}{20.6}$	$\frac{4.3}{25.0}$	$\frac{4.7}{28.6}$	$\frac{4.8}{40.0}$
---------------------	--------------------	--------------------	--------------------	--------------------	-------------------	--------------------	--------------------	--------------------	--------------------	--------------------

$\frac{1.3}{40.0}$	$\frac{1.4}{35.0}$	$\frac{6.0}{28.0}$	$\frac{6.0}{11.0}$	$\frac{5.4}{0.0}$	$\frac{5.6}{19.6}$	$\frac{4.8}{21.0}$	$\frac{4.8}{28.2}$	$\frac{4.7}{40.0}$
--------------------	--------------------	--------------------	--------------------	-------------------	--------------------	--------------------	--------------------	--------------------

$\frac{2.1}{40.0}$	$\frac{3.1}{31.2}$	$\frac{3.7}{24.6}$	$\frac{6.0}{24.4}$	$\frac{6.0}{9.6}$	$\frac{5.2}{0.0}$	$\frac{5.4}{21.0}$	$\frac{4.7}{22.0}$	$\frac{4.8}{27.8}$	$\frac{4.8}{40.0}$
--------------------	--------------------	--------------------	--------------------	-------------------	-------------------	--------------------	--------------------	--------------------	--------------------

$\frac{0.5}{40.0}$	$\frac{1.2}{34.8}$	$\frac{2.9}{20.0}$	$\frac{5.8}{14.6}$	$\frac{5.7}{11.0}$	$\frac{5.1}{0.0}$	$\frac{5.8}{20.6}$	$\frac{5.1}{21.0}$	$\frac{5.1}{27.0}$	$\frac{5.2}{40.0}$
--------------------	--------------------	--------------------	--------------------	--------------------	-------------------	--------------------	--------------------	--------------------	--------------------

$\frac{0.6}{40.0}$	$\frac{0.7}{35.2}$	$\frac{2.1}{19.6}$	$\frac{5.7}{13.0}$	$\frac{4.8}{0.0}$	$\frac{5.4}{16.6}$	$\frac{6.1}{20.0}$	$\frac{5.8}{22.0}$	$\frac{5.7}{25.2}$	$\frac{5.6}{40.0}$
--------------------	--------------------	--------------------	--------------------	-------------------	--------------------	--------------------	--------------------	--------------------	--------------------

$\frac{5.5}{40.0}$	$\frac{4.1}{28.0}$	$\frac{3.5}{18.0}$	$\frac{6.0}{12.6}$	$\frac{5.0}{10.0}$	$\frac{4.6}{0.0}$	$\frac{5.2}{14.0}$	$\frac{6.5}{18.0}$	$\frac{5.2}{21.6}$	$\frac{5.7}{24.8}$	$\frac{5.9}{40.0}$
--------------------	--------------------	--------------------	--------------------	--------------------	-------------------	--------------------	--------------------	--------------------	--------------------	--------------------

$\frac{10.0}{40.0}$	$\frac{6.0}{21.2}$	$\frac{5.2}{17.0}$	$\frac{6.2}{14.0}$	$\frac{5.0}{12.0}$	$\frac{4.4}{0.0}$	$\frac{5.0}{14.0}$	$\frac{6.0}{17.6}$	$\frac{5.8}{23.0}$	$\frac{5.7}{24.4}$	$\frac{6.0}{40.0}$
---------------------	--------------------	--------------------	--------------------	--------------------	-------------------	--------------------	--------------------	--------------------	--------------------	--------------------

886.26

79+50

80+00

B.M 9.01 893.05 2.22 884.04 ✓

80+50

81+00

81+50

82+00

82+25

T.P. 11.85 904.16 0.74 892.31

82+45

82+67

82+82

83+00

T.P 4.14 896.45 11.85 892.31 ✓

83+35

83+60

March 30, 3-

Cloudy & Cold
Lots of Snow

10.6	9.3	7.7	6.9	4.4	3.8	4.1	6.8	6.2	6.1
42.0	29.0	25.8	15.6	10.6	0.0	13.0	17.6	22.8	42.0

8.8	6.0	5.3	3.6	3.0	3.2	5.4	6.6
40.0	24.0	15.6	11.6	0.0	12.0	22.8	40.0

Upper belt protruding from 59. F.P. 45' Et. 54 80+15

12.1	10.9	10.2	9.2	8.7	9.1	10.3	11.0	13.8	14.3
40.0	30.0	24.0	12.0	0.0	14.0	19.4	22.0	38.0	40.0

9.1	7.8	7.3	6.9	6.4	7.9	7.3	7.7	7.9	7.0	7.7	7.9	10.4
40.0	28.0	27.0	20.0	15.0	12.0	0.0	12.0	17.0	20.6	24.0	25.8	20.0

7.4	6.3	6.0	6.0	5.4	6.5	6.2	6.5	6.7	4.5	5.4	6.5
40.0	26.8	25.0	19.0	14.6	10.0	0.0	12.0	15.0	19.6	28.6	40.0

6.8	6.2	6.3	5.7	5.4	5.7	5.8	3.7	3.8	4.0	4.7
40.0	25.4	16.0	11.0	0.0	12.0	15.0	19.0	26.6	29.8	40.0

5.6	5.1	5.8	5.5	5.1	5.5	5.4	2.4	2.0	1.8
40.0	27.0	14.0	11.6	0.0	12.0	15.6	22.0	33.2	40.0

15.0	14.0	14.1	16.4	15.8	16.3	10.4	9.4	9.4
40.0	30.6	20.0	15.0	0.0	11.6	25.6	39.8	45.0

13.5	12.0	11.0	16.2	15.7	16.3	14.5	14.1	11.8
40.0	34.4	23.0	14.0	0.0	14.0	18.0	30.2	43.0

12.4	11.4	15.0	15.4	15.8	15.4
40.0	34.6	22.8	22.0	13.0	0.0

Same

17.0	13.4	12.4	16.2	15.7	15.2	15.8	14.8	11.2	11	11.0	13.0
40.0	30.6	29.2	17.0	12.0	0.0	13.0	17.6	33.0	43.0	59.4	65.0

16.1	16.1	12.0	7.5	7.0	7.2	7.9	7.8	3.0	1.0	1.0	3.0
40.0	35.6	12.0	9.0	0.0	12.6	16.0	19.6	27.0	43.0	50.0	50.0

12.5	17.5	15.7	2.0	6.5	6.7	10.2	10.5	7.5
45.0	39.4	24.0	8.0	0.0	12.0	20.6	25.4	40.0

896.45

T.P.

6.20

897.53

5.12

891.33

84+00

84+50

85+00

13.50

904.83

6.20

891.33

85+27

85+67

86+00

86+22

T.P.

7.46

897.37

-8.4

16.4	15.4	14.0	7.5	6.7	6.7	7.0	11.3	11.6	13.0
<u>20.0</u>	<u>34.8</u>	<u>21.0</u>	<u>9.6</u>	<u>2.0</u>	<u>11.6</u>	<u>14.0</u>	<u>22.6</u>	<u>22.2</u>	<u>40.0</u>

-1.5

10.0	7.7	6.5	8.1	8.1	6.6	5.9	6.1	6.3	7.8	7.7	8.5	10.1
<u>40.0</u>	<u>21.0</u>	<u>18.6</u>	<u>14.6</u>	<u>12.6</u>	<u>9.6</u>	<u>0.0</u>	<u>11.6</u>	<u>14.6</u>	<u>18.0</u>	<u>21.0</u>	<u>26.0</u>	<u>40.0</u>

+3.3

2.6	1.8	0.2	5.1	5.1	5.6	5.1	5.4	5.6	6.4	5.9	6.0	5.5	5.0
<u>40.0</u>	<u>33.6</u>	<u>22.0</u>	<u>16.6</u>	<u>12.6</u>	<u>11.0</u>	<u>0.0</u>	<u>13.6</u>	<u>16.6</u>	<u>19.0</u>	<u>22.6</u>	<u>25.2</u>	<u>30.6</u>	<u>38.0</u>

+4.0

8.6	7.8	7.8	5.7	10.7	12.0	11.8	12.2	12.7	9.6	9.8	9.8	7.0
<u>40.0</u>	<u>35.0</u>	<u>28.6</u>	<u>24.6</u>	<u>18.0</u>	<u>11.6</u>	<u>0.0</u>	<u>11.0</u>	<u>17.4</u>	<u>23.6</u>	<u>30.0</u>	<u>36.0</u>	<u>40.0</u>

+2.8

8.6	8.2	6.5	8.4	8.7	10.5	11.5	11.0	11.6	12.0	8.1	8.8	9.6	8.3
<u>40.0</u>	<u>33.6</u>	<u>27.6</u>	<u>24.0</u>	<u>18.0</u>	<u>14.6</u>	<u>11.0</u>	<u>0.0</u>	<u>12.6</u>	<u>16.0</u>	<u>22.0</u>	<u>31.4</u>	<u>35.0</u>	<u>40.0</u>

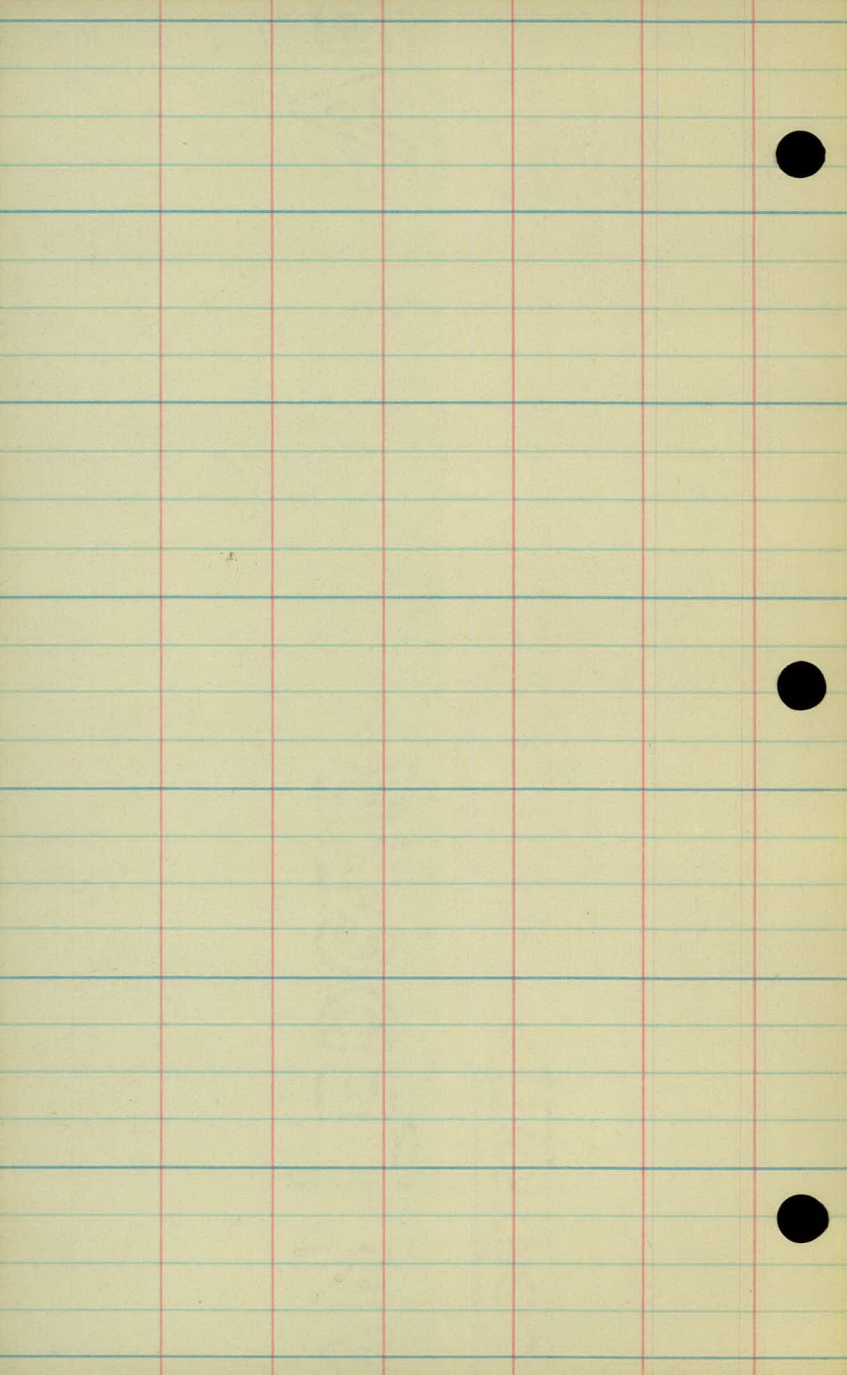
3.7

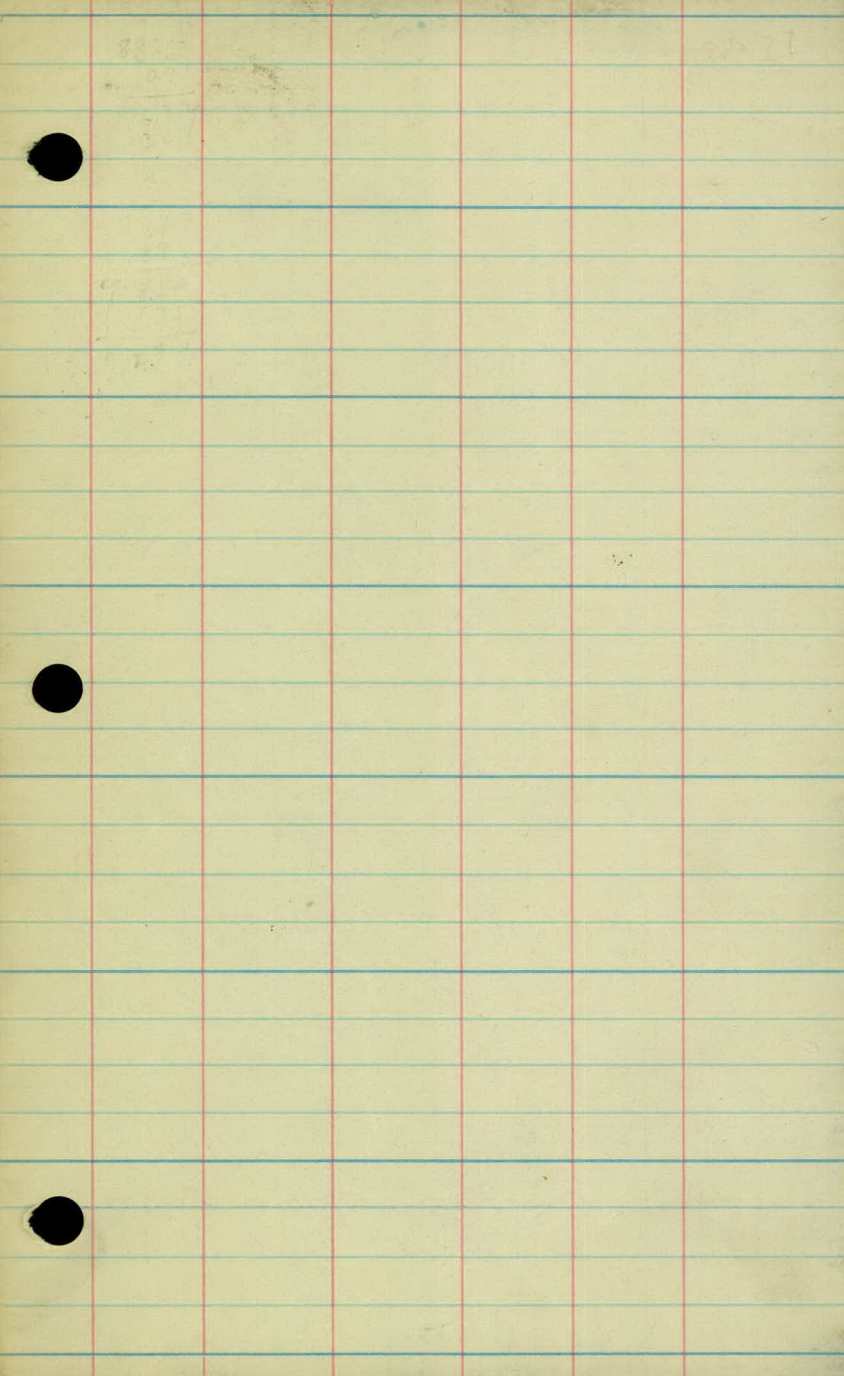
6.6	6.7	5.4	8.0	6.9	6.5	10.6	10.4	10.8	11.2	7.9	8.7	9.5	7.9
<u>40.0</u>	<u>34.6</u>	<u>31.0</u>	<u>22.0</u>	<u>23.6</u>	<u>19.0</u>	<u>11.6</u>	<u>0.0</u>	<u>12.6</u>	<u>17.0</u>	<u>22.0</u>	<u>30.4</u>	<u>34.0</u>	<u>40.0</u>

+4.7

11.5	5.1	4.4	6.5	5.3	5.6	10.0	10.1	9.8	10.4	10.7	7.8	8.8	9.1	9.8	8.7
<u>40.0</u>	<u>36.4</u>	<u>33.6</u>	<u>29.6</u>	<u>26.6</u>	<u>22.0</u>	<u>16.0</u>	<u>12.6</u>	<u>0.0</u>	<u>13.6</u>	<u>17.0</u>	<u>23.0</u>	<u>26.0</u>	<u>28.4</u>	<u>33.0</u>	<u>36.0</u>

Screw in 12" Oak Tree Rt. of Sta. 86+50





BORROW PIT
AT
NEW BRIGHTON

B.M.	10.89	897.01		886.12
B.M.	3.71	900.12	0.60	896.41
T.P.	10.22	909.97	0.37	899.75

0 + 23

0 + 36

0 + 46

96.8 13.2

0 + 50

0 + 92

97.7 12.3

0 + 96

1 + 50

98.7 11.3

2 + 03

99.6 10.6

2 + 10

99.5 10.5

2 + 50

2 + 70

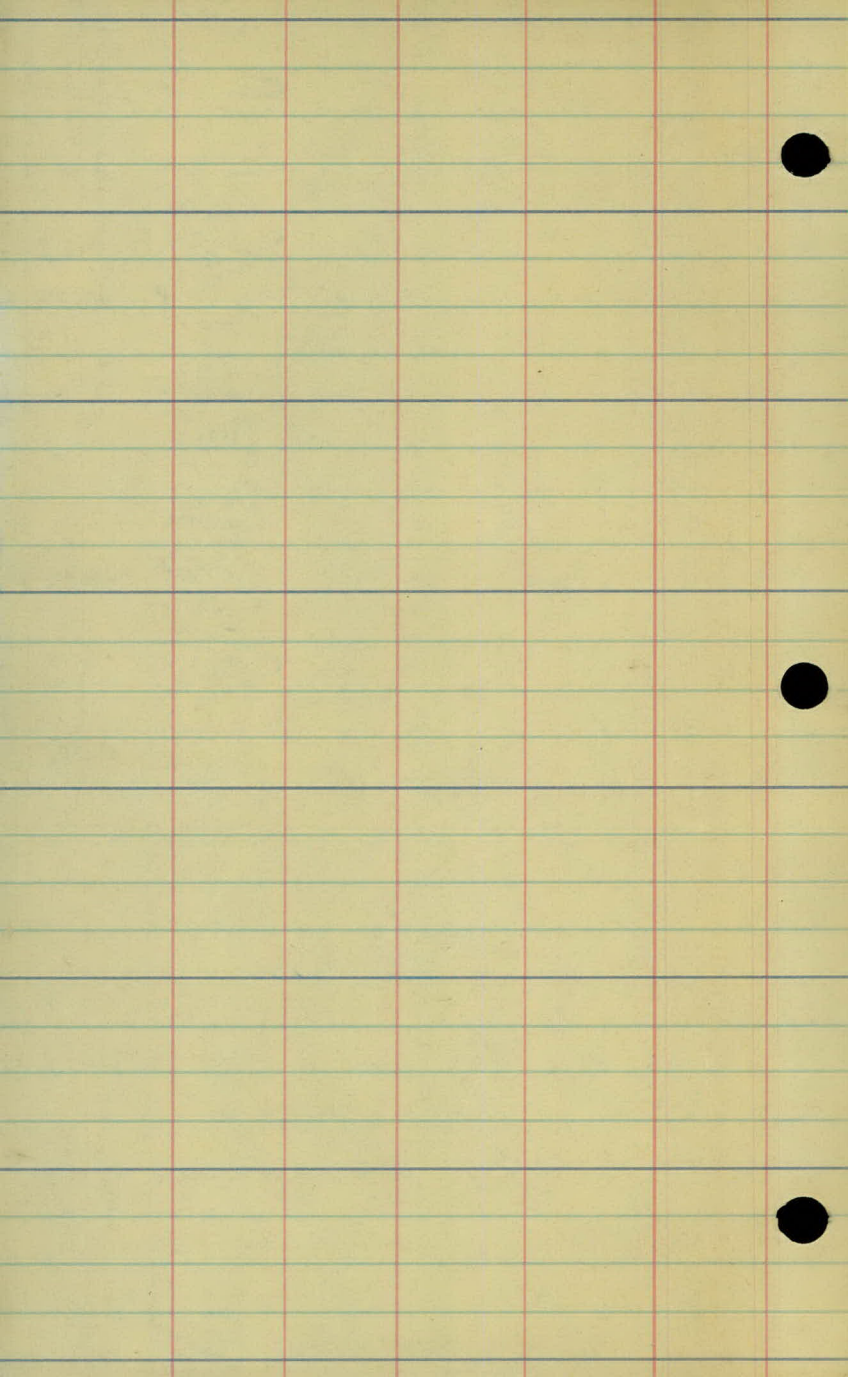
Lt.

Rt.

S.W. Cor. 8th & #63 Spt. R.P.

E

S.W.	120	100	80	60	40	20		20	40	60	80	100	120	140
95.2	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5
95.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8
95.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0
95.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0
96.8	97.8	97.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
96.9	97.9	97.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.7	97.7	97.7
98.2	99.1	99.1	99.0	98.9	98.9	98.8	98.7	98.6	98.5	98.5	98.4	98.3	98.2	98.2
99.5	00.3	00.2	00.0	99.9	99.7	99.6	99.4	99.3	99.1	99.0	98.8	98.7	98.5	98.4
99.7	00.5	00.4	00.2	0.0	99.9	99.7	99.5	99.4	99.2	99.0	98.9	98.7	98.5	98.4
90.6	01.4	01.1	0.9	0.7	0.5	0.2	0.0	99.8	99.6	99.3	99.1	98.9	98.7	98.4
90.1	01.9	01.6	01.4	0.1	0.9	0.6	0.4	0.1	99.9	99.6	99.4	99.1	98.9	98.6



26 MAY 1970

McMENEMY ST.

ROSELAWN TO SKILLMAN

DRAINAGE SURVEY

TOPOGRAPHY

+50

RD RD
13 13

+28 FE
33-E

+10 12" RD/GR
32 FE
33

2+00

RD RD
11 13

+50

RD RD
10 14

FE
33

+39 FE
33

+31 ENT
29

+09 W.END 24' CM
24

+23 FE
33

+11 CB
21
+17 PP
28

1+00

RD RD
9 15

FE
33

+50

RD
11

+34 CB
23

+30 FE
32

+29 ER
20

+31 ER
21

+19 BR
39

+15 BR
33

+19 MH
7

+49 N.END 18' CM
25

0+00

0-32 CB
18

ROSELAWN

8' x 18'

43' x 24' CM

15' CM

76' x 15'

17' x 18' CM

78' x 18'

AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ

5+00

RD RD
13 12

+65 4" CORNER
37

+58 END WOODS
37

+50

RD RD
12 12

+37 PP
29

4+00

RD RD
13 12

+96 MH

+86 BEG WOODS
44

+74 MH
2

+68 ENTR (12')

+57 R. TIE ENTR

+50

RD RD
14 12

+48 TURN 30° CORNER
41

3+00

RD RD
14 13

+97 ENTR (20')
+90 STEPS
53-63

+82 PP
28

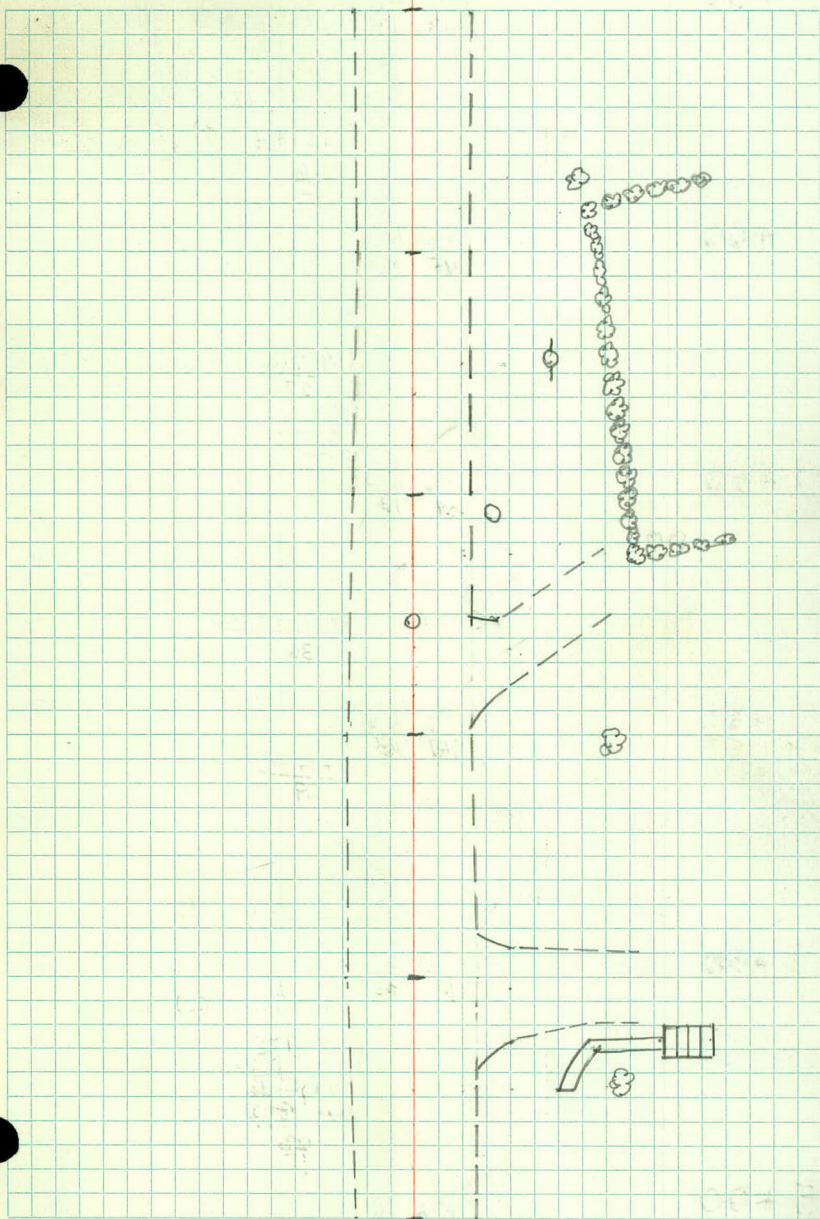
+86 POSN
36-53

+78 8' COTTONWOOD
44

+76 SW (2')
30

2+50

RD RD
13 13



+50

RD RD
13 13

+39 $\frac{1}{2}$ ENTR (10') *49 PP
+30 24" ELM 28
26
+28 CORFE
23
+24 MH
2
+26 DH
20

7 +00

RD RD
15 12

+69 7 WILLOWS
27
+58 CORFE
26

+50

RD RD
14 13

+20 END TREES
36

6 +00

RD RD
17 13

+94 PP
29

+60 BEG ROW TREES
39

+50

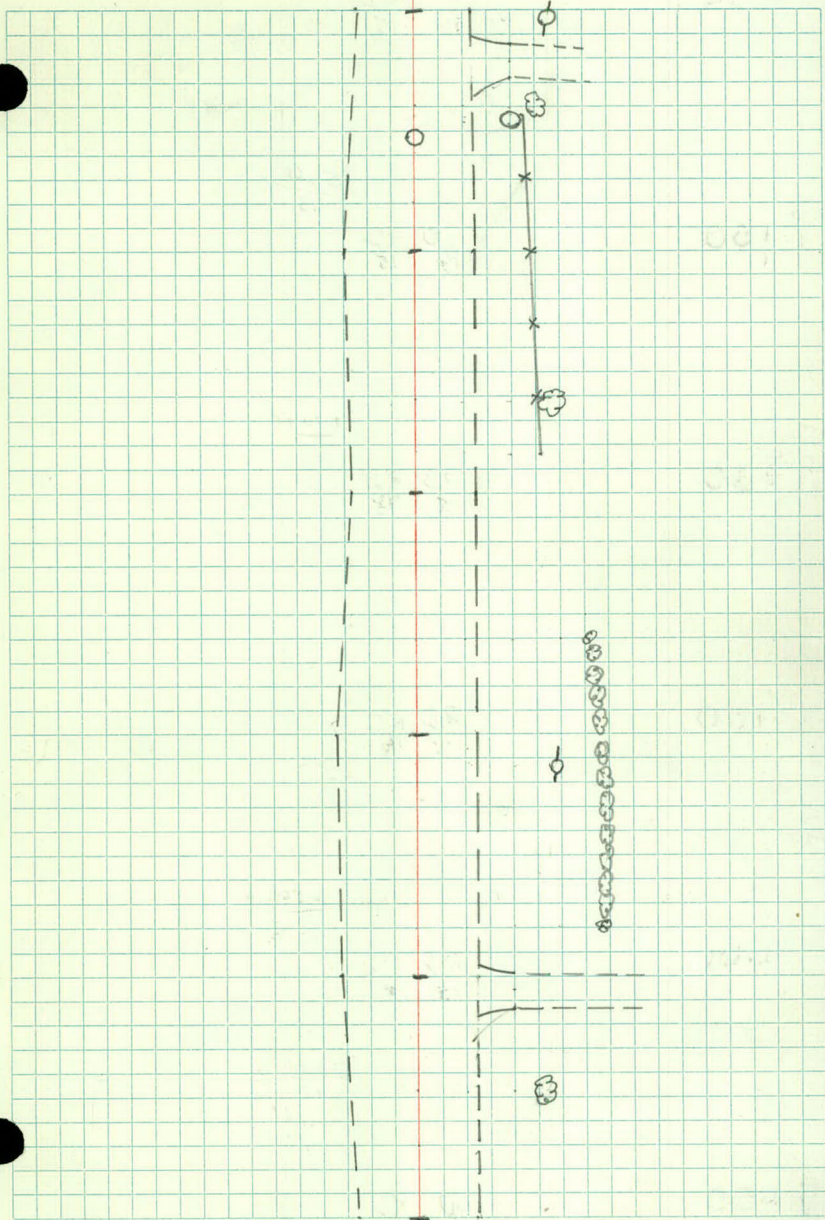
RD RD
16 13

+97 $\frac{1}{2}$ ENTR (10')

+26 26" OAK
26

5 +00

RD RD
13 12



10+00

RD RD
16 15

+53 PP
23

+50

RD RD
16 15

9+00

RD RD
15 15

+50

RD RD
15 14

+22 BL SPILLWAY
16-42

8+00

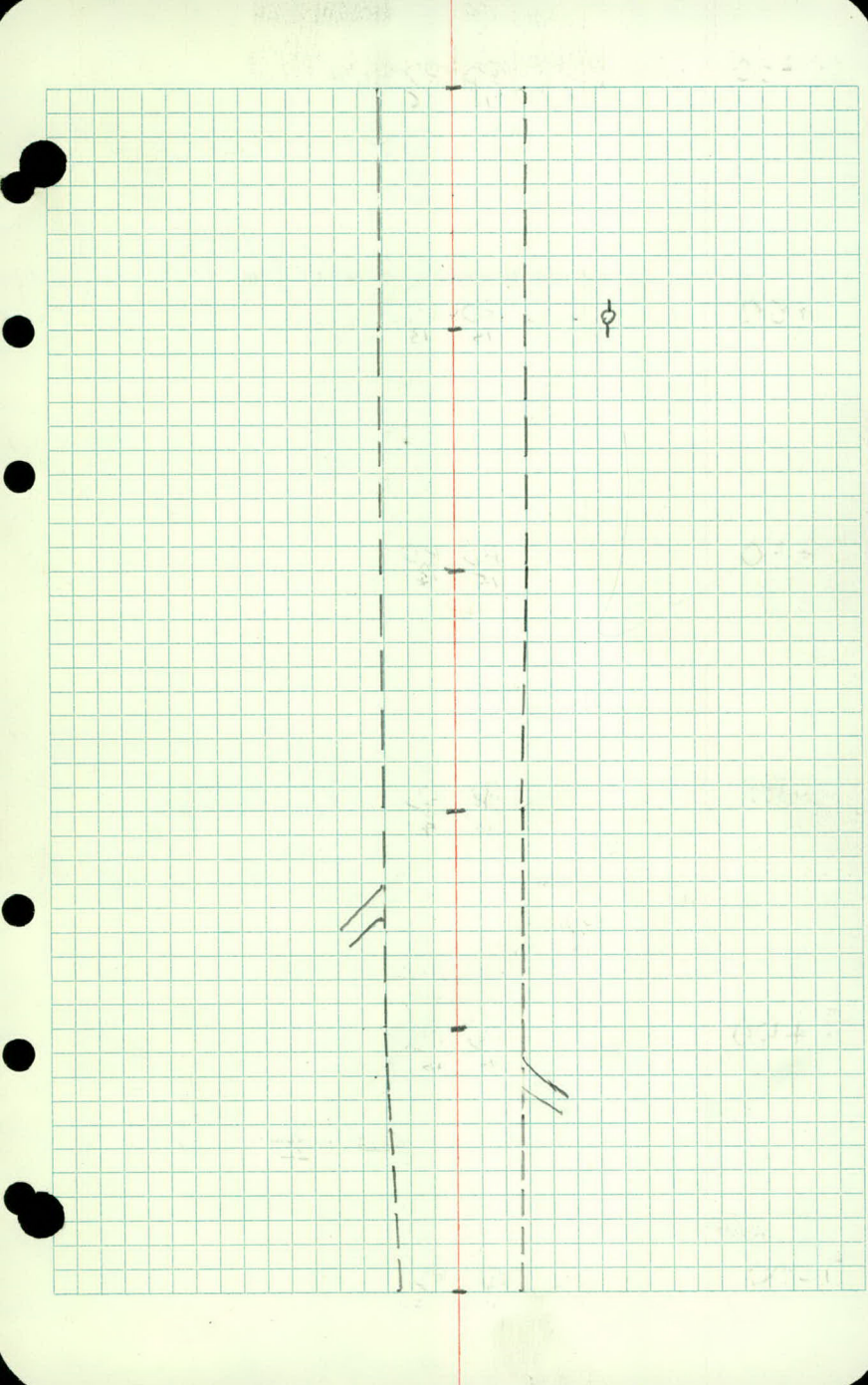
RD RD
15 13

+93 BL. SPILLWAY
15-36

+93 REG CURB (BIT.)

7+50

RD RD
13 13



+50

RD RD
15 16

12+00

RD RD
15 16

+59 20" GAK
31

+53 PP
28

+57 END CURB (BIT)
25

+50

RD RD
15 16

11+00

RD RD
15 16

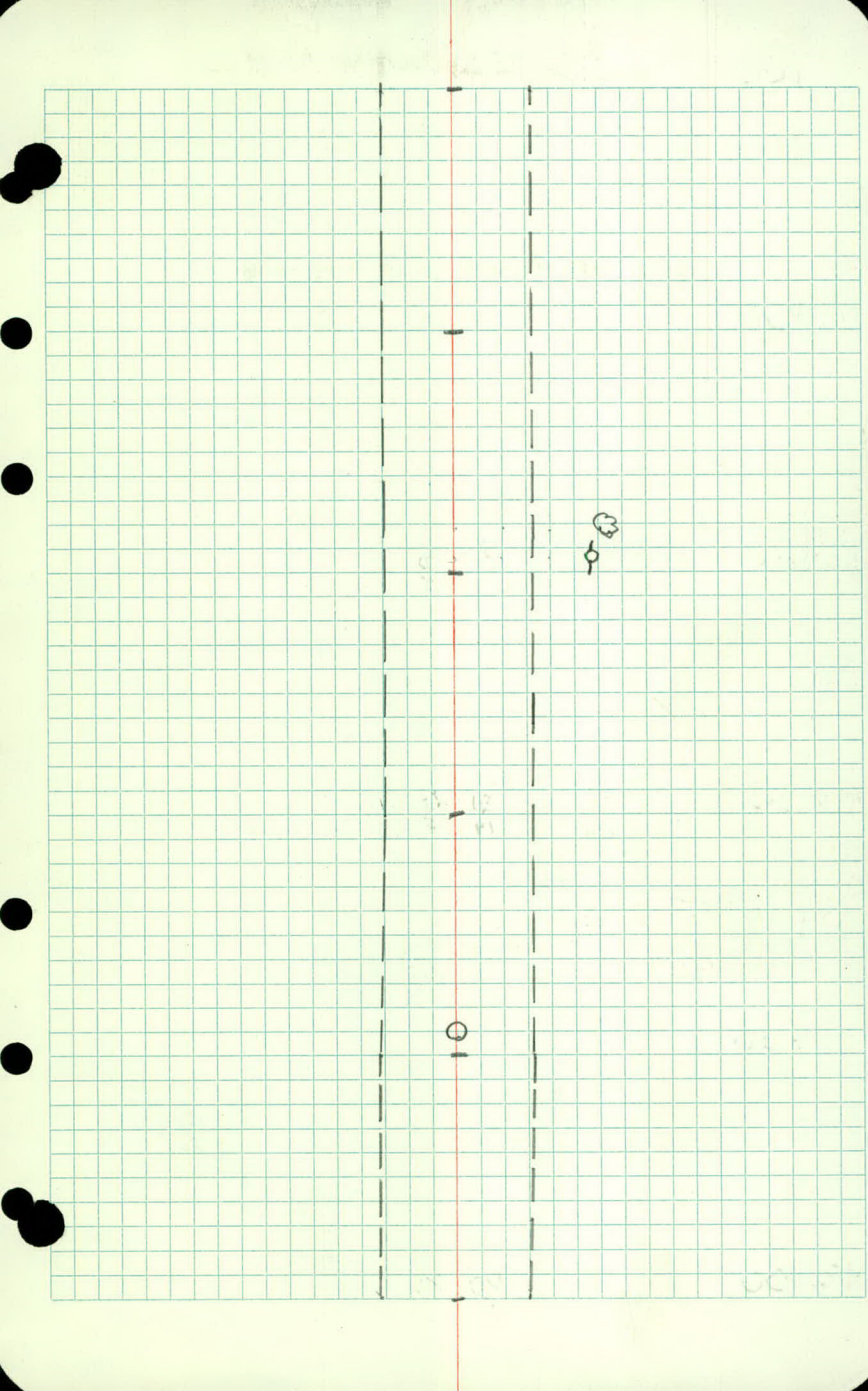
+54 MN
2

+50

RD RD
16 16

10+00

RD RD
16 15



15+00

+50

14+00

RD
13

RD
15

+50

+45 NYD
24

RD
14

RD
15

+45 ER
17

+45 PP
29

+36 PP
28

+43 ER
15

+33 POR
18

+37 POR
21

+32 BR
37

+32 DEC 8618
37

+29 BR
29

+14 MH
E

13+00

+9 BER

32 +92 POR

21
+83 W50
23

+8 BR
17

+80 BR
15

+89 POR
22

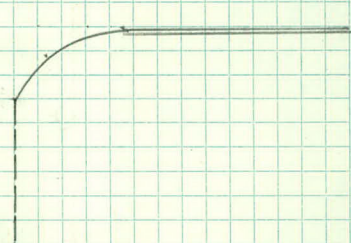
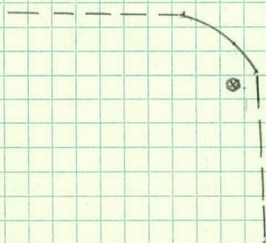
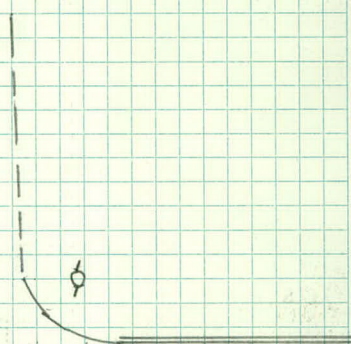
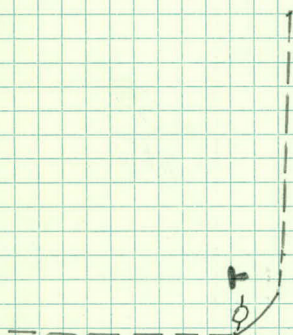
+95 ER
38

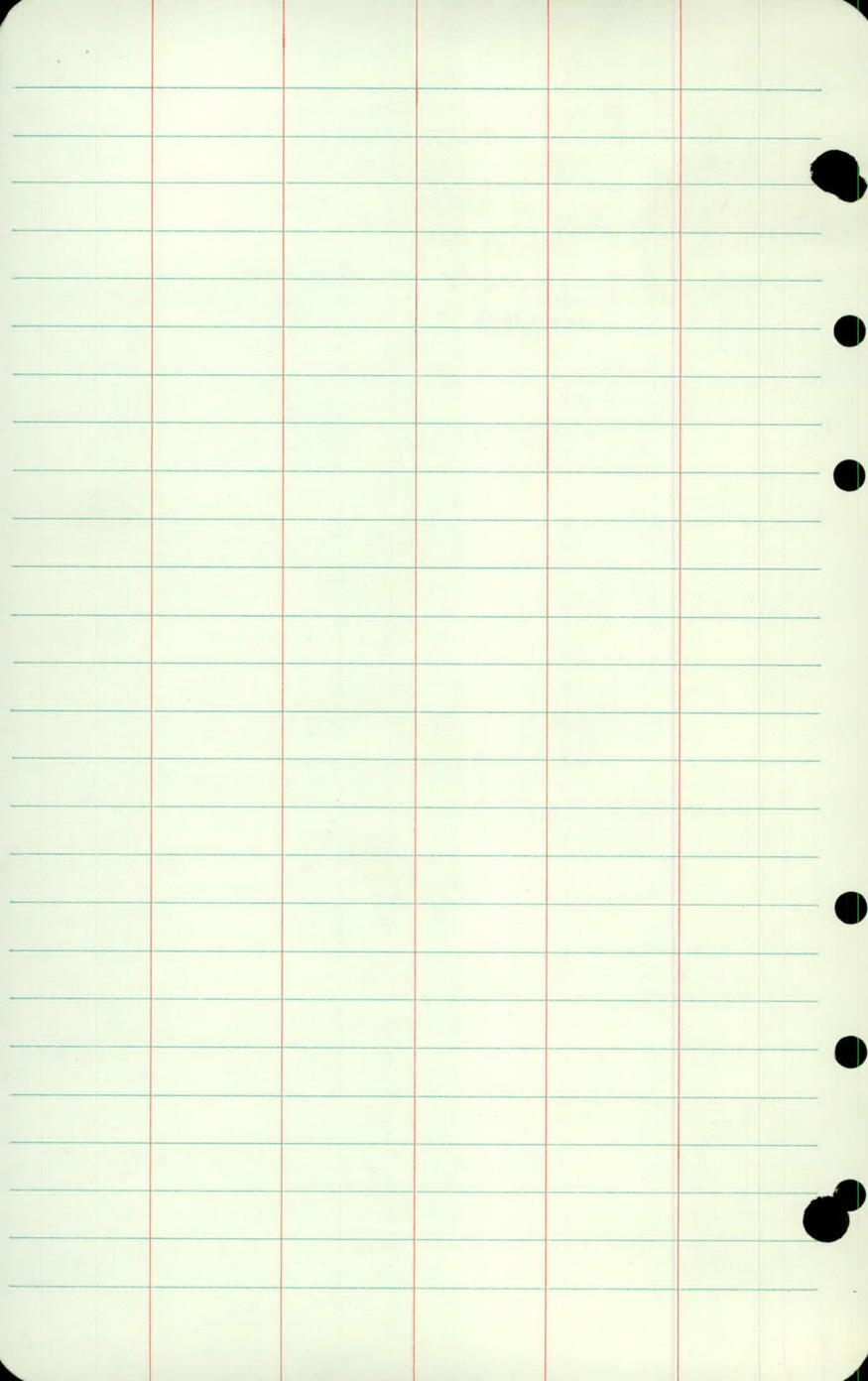
+95 DEC 8618
38

12+50

RD
16

RD
15





KP
DS.
ML
CP

1 June 1970

McMENEMY ST
ROSELAWN TO SKILLMAN

X- SECTIONS

909,58

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

BM	2.71	913.10
----	------	--------

910.39

$0+00 = \notin \text{ROSELAWN}$

#19

5.17	907.93
------	--------

+34

4.18 906.92

134

7.95	905,15
------	--------

+ 49

10.00 903.00

0750

LT

1 June 1970

RT

TOP HYD N.W. COR ROSE LAWN

08.4

6.1	5.7	5.3	5.0	4.7	4.5	4.3	4.0	3.5
100	75	50	25		25	50	75	100

TOP MH £

TOP CB 23' RT

FL CB 23' RT

FL 18" CM 25' LT

07.4

6.2	5.9	5.7	5.8	6.0	5.1	4.1
18	10		14	23	27	33
						FE

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

		913.10		905
--	--	--------	--	-----

1+00				903
------	--	--	--	-----

+11			6.80	906.30
-----	--	--	------	--------

+11			10.05	903.95
-----	--	--	-------	--------

+09			11.90	901.20
-----	--	--	-------	--------

+31	$\neq$	ENT	RT	
-----	--------	-----	----	--

+50				902
-----	--	--	--	-----

LT

2

1 June 1970

RT

0.9

6.7	6.4	6.1	6.1	6.5	5.7	4.9
18	9		15	22	27	33
						FE

TOP CB 21' RT

FL CB 21' RT

FL 24" CM 24' LT

0.9

6.7	6.4	6.2	6.2	6.1	5.67	4.61
20	10		13	21	30	40
					conc.	conc.

0.9

6.5	6.4	6.2	6.2	6.2	5.3	4.9
19	10		14	21	29	33
						FE

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

		913.10		
--	--	--------	--	--

2+00				
------	--	--	--	--

TP	4.08	911.18	6.00	907.10
----	------	--------	------	--------

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

+97	=	$\pm$ ENT	RT	
-----	---	-----------	----	--

3+00				
------	--	--	--	--

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

LT

£

1 June 1970

RT

068

6.7	6.5	6.3	6.3	6.2	4.7	3.4
18	11		13	21	28	33
						FE

£ STA 3+00

070

4.5	4.3	4.2	4.3	4.1	3.3	1.8
20	13		13	22	30	36

070

4.5	4.2	4.2	4.4	4.4	4.0	3.8
18	12		13	19	35	46

070

4.5	4.2	4.2	4.4	4.5	4.1
17	13		13	19	34

069

4.5	4.4	4.3	4.4	4.7	3.5	2.0
17	13		12	17	27	37

STA + π - ELEV

911.18

3+68 E ENT. RT

+74

4.48 906.70

+96

4.63 906.55

4+00

+50

5+00

LT

June 1970

RT

0.9

4.5	4.4	4.3	4.5	4.7	5.2
18	12		13	24	42

TOP MH Φ

TOP MH 16' RT

0.9

4.4	4.3	4.3	4.4	5.0	8.1	10.1	10.7
20	13		12	18	27	33	38

0.8

4.1	4.1	4.2	4.4	4.9	10.2	14.3	18.
20	13		11	16	29	36	46

0.4

4.0	3.7	3.8	4.1	4.7	9.9	14.3	19.5
19	13		11	17	28	36	60

STA + π - ELEV.

911.18

5747 = $\frac{1}{2}$ ENT RT

6+00

✓

TP 1.22 912.10 0.30 910.88

+50

✓

LT

1 June 1970
RT

0.8
0

3.7	3.4	3.4	3.7	4.6	9.2	9.9	14.8
18	12		10	16	37	52	84

0.8
0

3.0	3.3	3.4	3.6	4.3	2.0	0.7
20	13		12	20	28	32

10.2	8.9	6.2	2.4
74	62	54	42

HYD S.E. COR FIRE STA

0.8
0

4.0	4.3	4.3	4.7	5.6	2.2	+0.5
22	14		13	21	30	36

10.1	7.7	2.0
79	68	49

STA	+	π	-	ELEV
		912.10		

7+00

+24

4.50 907.6

+26

4.90 907.2

+37 = $\neq$ ENT RT

+50

TP	3.45	911.43	4.12	907.98
----	------	--------	------	--------

8+00

L

1 June 1970
RT

07.7

4.4	4.5	4.4	4.7	5.1	4.7	5.1	5.9
24	15		12	20	23	41	55
					FE		

TOP MH £

TOP MH 20' RT

07.8

4.6	4.5	4.3	4.7	5.6	6.5	6.8
19	12		13	24	43	56

07.8

4.6	4.5	4.3	4.6	5.7	6.8	6.9
18	13		12	25	42	57

£ STA 8+00

08.0

4.0	3.8	3.4	3.8	3.4	6.2	10.2	14.1
18	13		13	14	21	32	38

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

		911.43		
--	--	--------	--	--

8+50				
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✓				
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9+00				
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✓				
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+50				
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✓				
---	--	--	--	--

LT

June 1970
RT

08.2

3.6	3.6	3.2	3.4	3.0	4.8	8.6	10.7
16	13		13	14	19	26	33

13.6	11.3	13.2	11.9
45	38	37	36

08.0

2.8	2.9	2.6	2.9	2.4	4.1	7.5	9.6
22	13		14	15	20	25	32

12.8	10.5	12.3
46	39	36

09.8

2.3	2.1	1.6	1.7	1.3	3.0	6.8	8.9
17	13		14	15	20	25	33

11.9	9.6	11.3
45	39	36

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

		911.43		
--	--	--------	--	--

10+00

✓

TP	7.39	918.44	0.38	911.05
----	------	--------	------	--------

+50

✓

+54

		6.01	912.43	
--	--	------	--------	--

LT

June 1970
RT

11.0

1.3	1.0	0.4	0.6	0.2	3.3	6.0
18	14		14	16	23	30

9.7	8.1	9.6
44	39	36

STA 10+00

12.5

6.6	6.1	5.9	6.2	5.7	7.8	11.7
16	13		16	17	22	30

14.6
35

TOP MH

STA	+	Δ	-	ELEV.
-----	---	---	---	-------

		918.44		
--	--	--------	--	--

11+00				
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+50				
-----	--	--	--	--

✓				
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TP	13.09	927.36	4.17	914.27
----	-------	--------	------	--------

12+00				
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LT

June 1970
RT

14.2
4.5 4.2 4.2 4.4 4.0 5.9 9.5 11.1
16 12 16 17 22 33 41

16.2
2.4 2.2 2.2 2.2 2.3 1.7 2.3
14 12 13 22 23 25

4.7 5.6 3.9
68 55 41

£ STA 11+00

18.3
9.3 9.2 9.1 9.3 9.5 8.9 4.2 5.3
15 13 14 16 25 35 62

STA + π - ELEV.

927.36

12+50

✓

13+14 $\pm$ SKILLMAN

BM

0.40 926.96

LT

1 JUNE 1970

RT

20.4

7.4	7.2	7.0	7.3	7.8	6.8	5.1	3.
16	11		14	16	25	31	43

2.1

56

22.76

6.0	5.8	5.5	5.0	4.60	4.4	3.8	3.3	2.9
100	75	50	25	MH	25	50	75	100

TOP 1440 NW COR. SKILLMAN & MCMEHERRY

STA	+	π	-	ELEV.
1				
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100				

ELEV.