

Book 97 Dr. 16

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

_____ Drainage _____ Survey

_____ Roselawn & Fulham _____

Trn. Haler Prop.

From _____ To _____

Road Acc't. No. _____

Date Filed. 1-30-43

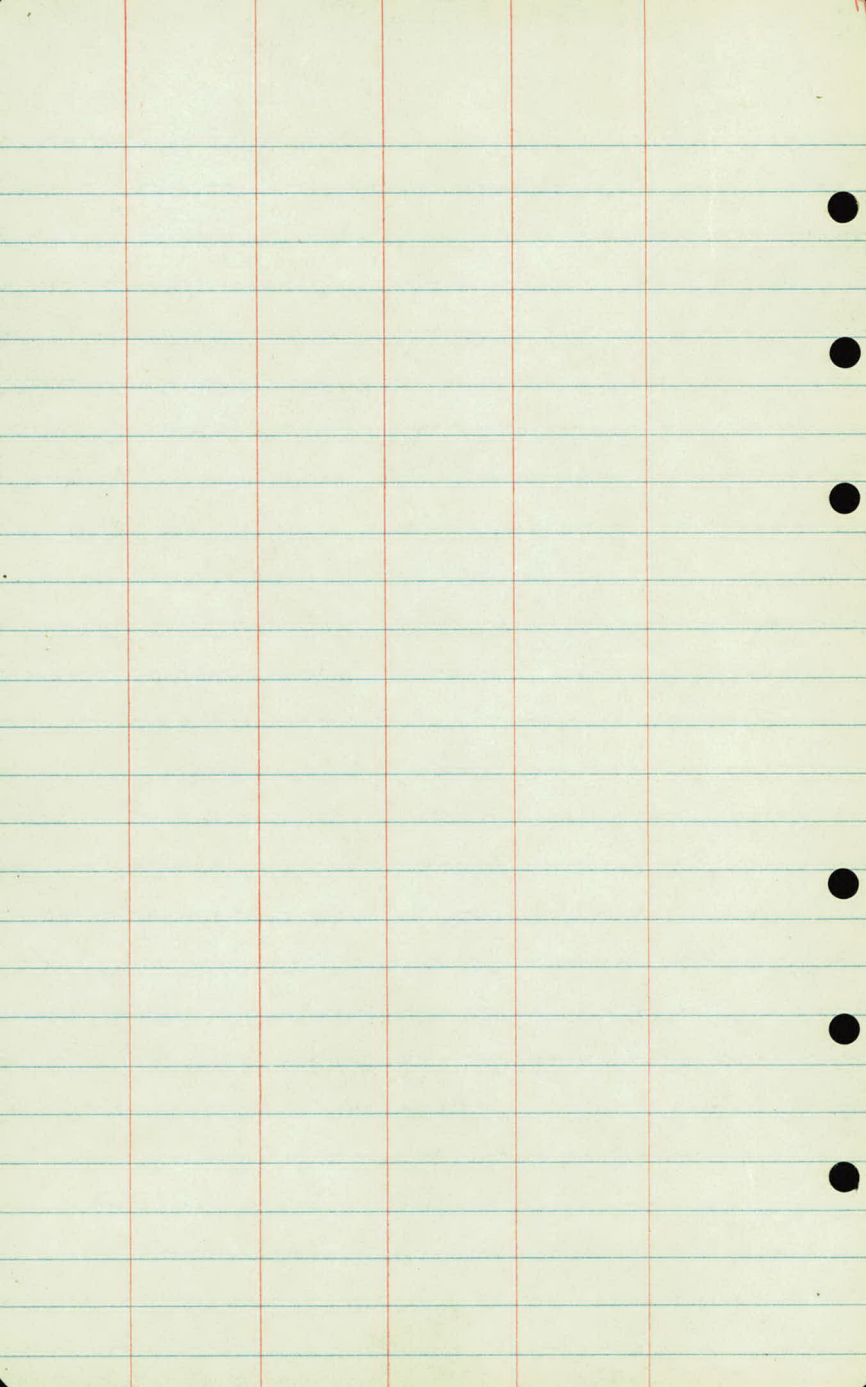
File _____

Drainage

Roselawn + Fulham
Try Haley Prop

Index	Pages	10-15-42
A Line "A" Line	1-4	HAW
B Line	5-6	L-C
Profile A "	7-9	AM
" X Drains	9-10	L-L
Topog Intert.	11-12	C F
" A Line	12-14	

Wrawn up
11/13/42



Align

"A" Line

Sta.	Pt.	ΔL	ΔR
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1+90.33	P1		6°05'
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0+99.17	P1	22°56'	
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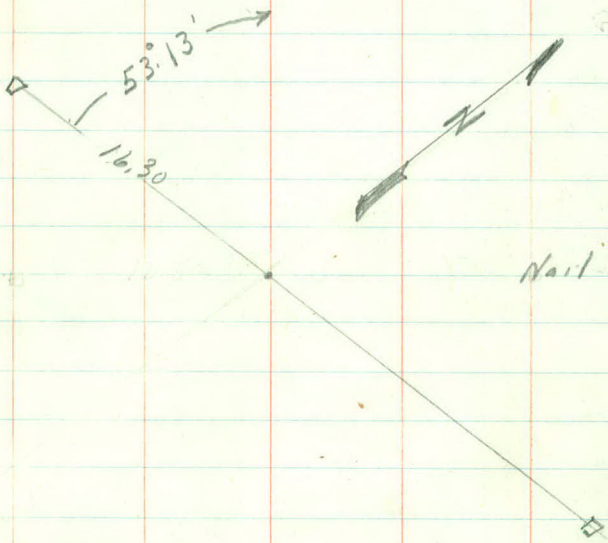
0+63.19	P.O.T.		
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0+00			
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	Bag	12" V.P.	
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Description

Mon Cen Sec
17-29-22



Sta Pt. Δ Alt. ~~Elev~~

6+18⁴⁰ P.I

24° 09'

4+85⁴⁸ P.I

39° 34'

2+63⁴⁸ P.I

47° 42'

Description

Sta	Pt.	Alt	ΔR
-----	-----	-----	----

10 + 20			
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	Edge Lake		
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9 + 4330			
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	P.1		
--	-----	--	--

		53° 00'	
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8 + 8870			
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	P.1		
--	-----	--	--

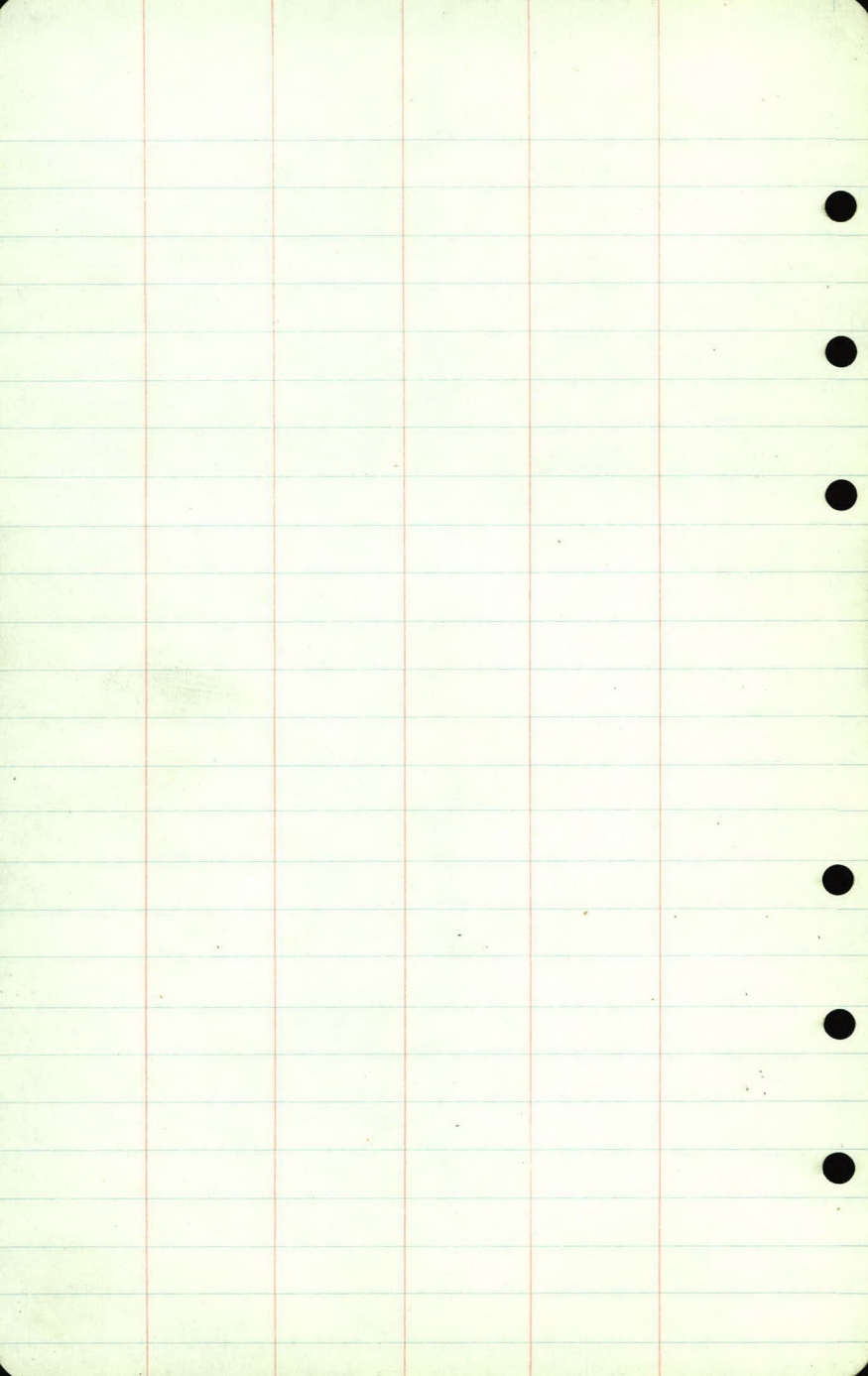
		44° 34'	
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7 + 7120			
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	P.1		
--	-----	--	--

		36° 56'	
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Description



Align

"B" Line

Sta Pt ΔL ΔR

5+04 = P.I

4+85.48 "A" Line

1+95.10 P.O.T

1+65.10 P.I

7.100 90°00'

0+00

12" x 12' CM Conn.

Bag Co Drain Tile 8" Tile

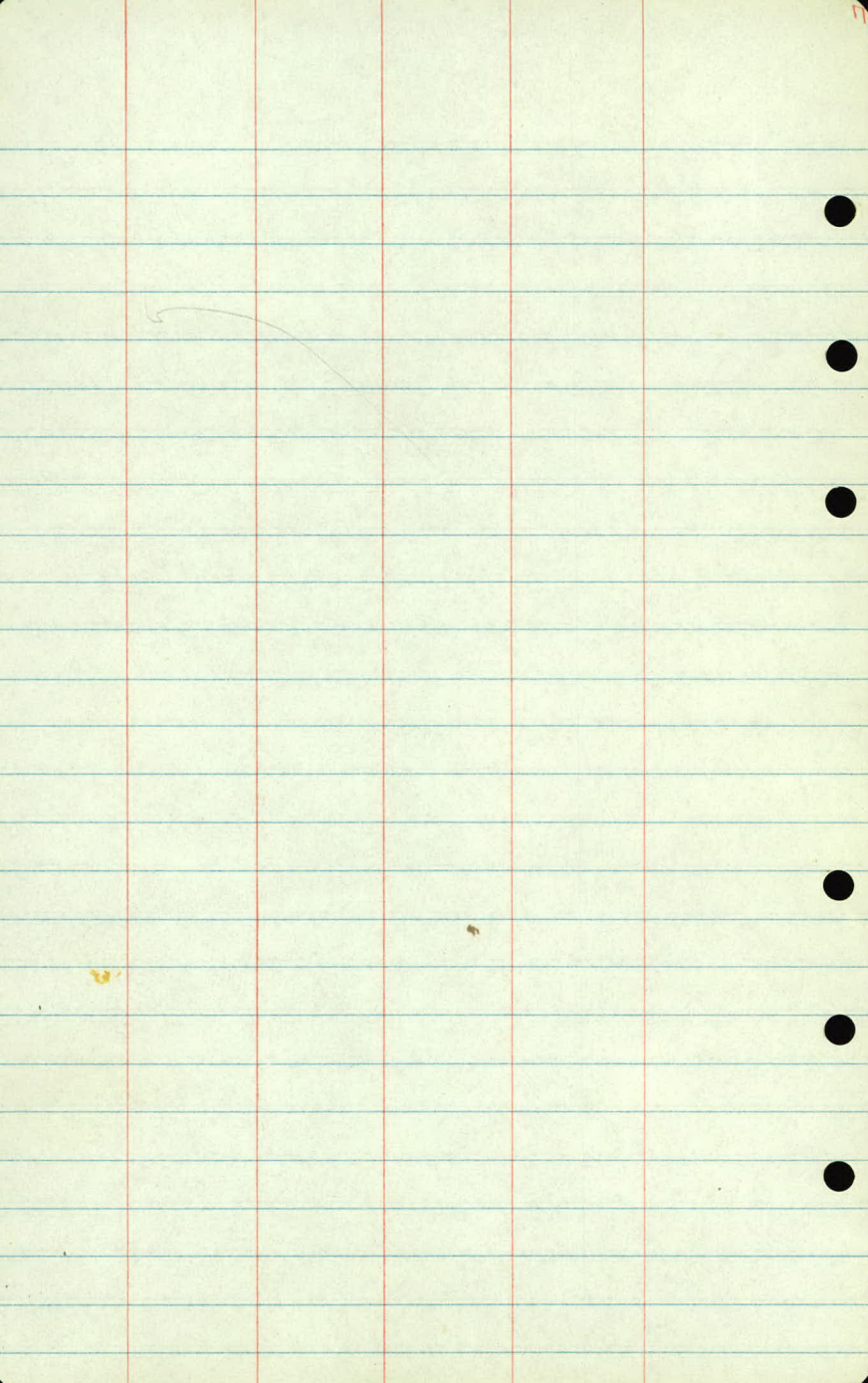
Nail



Exit Line



Mon Pen Sag 17'



Bench levels

&

Profile "A" Line

Sta	+	Δ	-	Elev
B.M	550	953.72		948.22
	2.83	950.18	6.37	947.35
	2.83	946.00	7.01	943.17
B.M	445	941.33	9.12	936.88

0+00 30.07

+80 29.99

+32 Elev Top Baffle Plate 29.25

+34 27.51

T.P. 1.55' 934.37 8.51 932.82

4+85⁴⁸ End 12" V.I 27.27

5 27.77

+50 27.27

6 27.67

+18⁴⁰ P.I 27.87

Top N.E. Cor. Step S.W. Cor. Malvern v A 2

Spk in Arc Lt Pole NW Cor A 2 v Fulham

Lowspot in V of M Golf Course

11.6
29.73

Inv 12" T. 1/2 11.26

11.34

12.08

13.82

7.10

6.6

7.1

6.7

6.5

Sta + $\nearrow$ - Elev

93437

6+50

27.37

7

26.87

+50

26.07

+71²⁰ P1

25.57

T.P. 4.04

931.10

7.31

927.06

8

25.3 Ditch

+50

+87²⁰ P1

9

+43³⁰ P1

10

+20

B.M

6.62

931.10

6.62

924.48

11.49

937.13

5.46

925.64.

11.94

949.07

0.00

937.13

Lt

Z

Rt

Gen Elev
in SWP.
7.4

7.0

7.5

8.3

Beq Ditch

8.8

Ditch

25.30

58/6

35-27.6

6.3 24.8

4.4 24.7

24.4 $\rightarrow \frac{6.7}{9}$

6.2 24.9

7.9 23.2

9.0 22.1

WS 10/12/42

8.83 22.27

Spk in 18" Will 20' Rt Sta 5475

Sta	+	Δ	-	Elev
		949.07		
7.39		953.41	3.05	946.02
			5.27	948.14 948.22

Profile "B" Line

B.M. 445 941.33 936.88

1+95¹²

Beq 8" T. 1/2

T.P. 1.55 934.37 8.51 932.82

4+79¹²

End 12" CM. at Hdwall

B.M. 445 941.33 936.88

X Drain under Fulham

X Drain " Rose lawn

Lt.

R

Rt

10

Top stop NE Cor Malvern + A²

Spk in Arc Lt Pale

13.71 - 27.62

6.66 - 27.71

29.36 { 11.97 East Inv 24" Conc Pipe

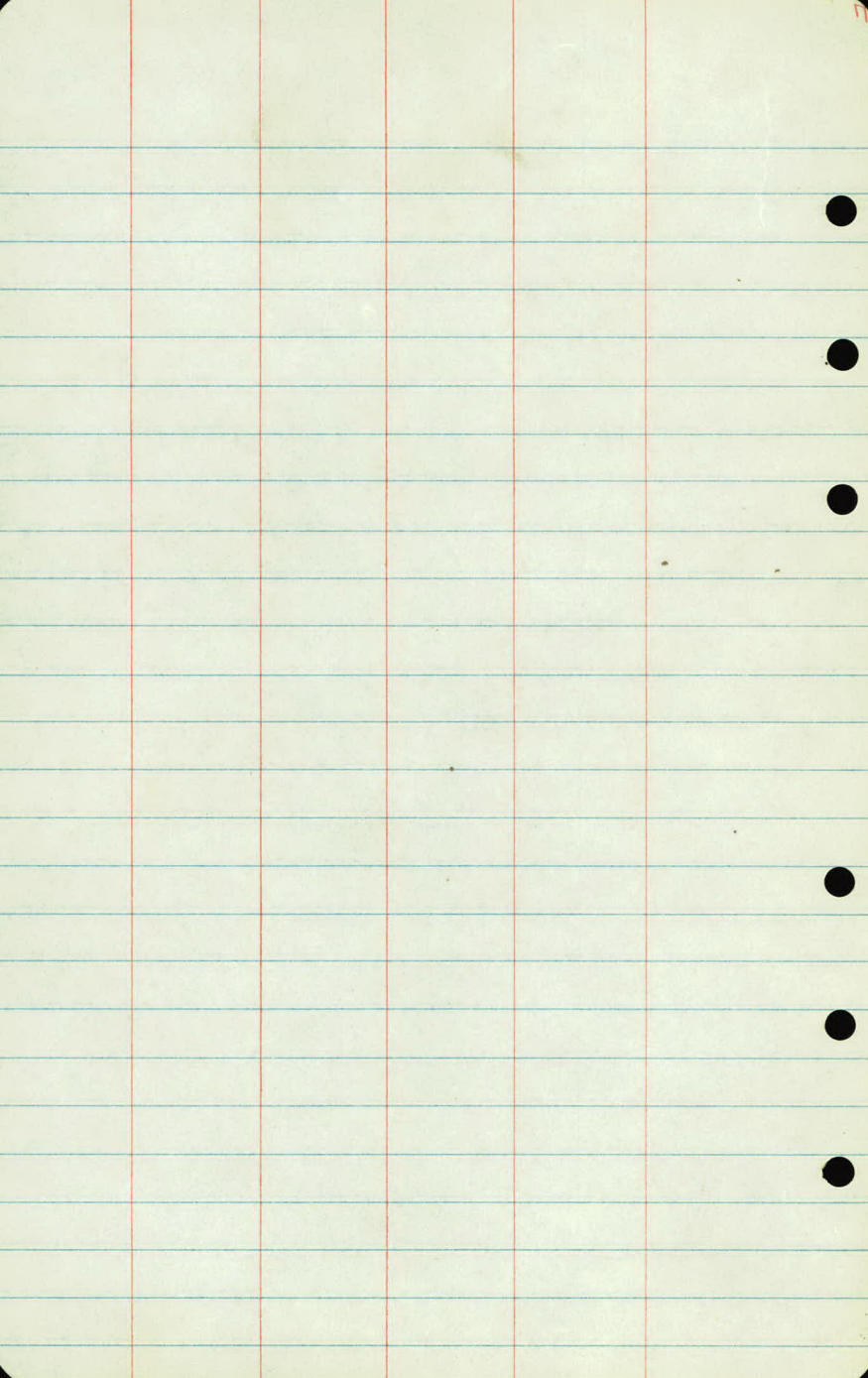
28.37 { 12.96 West " " " "

Low spot SE Cor Fullerton + A²

$$\begin{array}{r} 11.3 \\ \hline 30.03 \end{array}$$

27.28 { 14.05 So Inv 24" CM

27.62 { 13.71 No Inv 24" CM



Topography

Intersection

Rose lawn

3
2
32'

+ 76 24" x 64 CM

32'

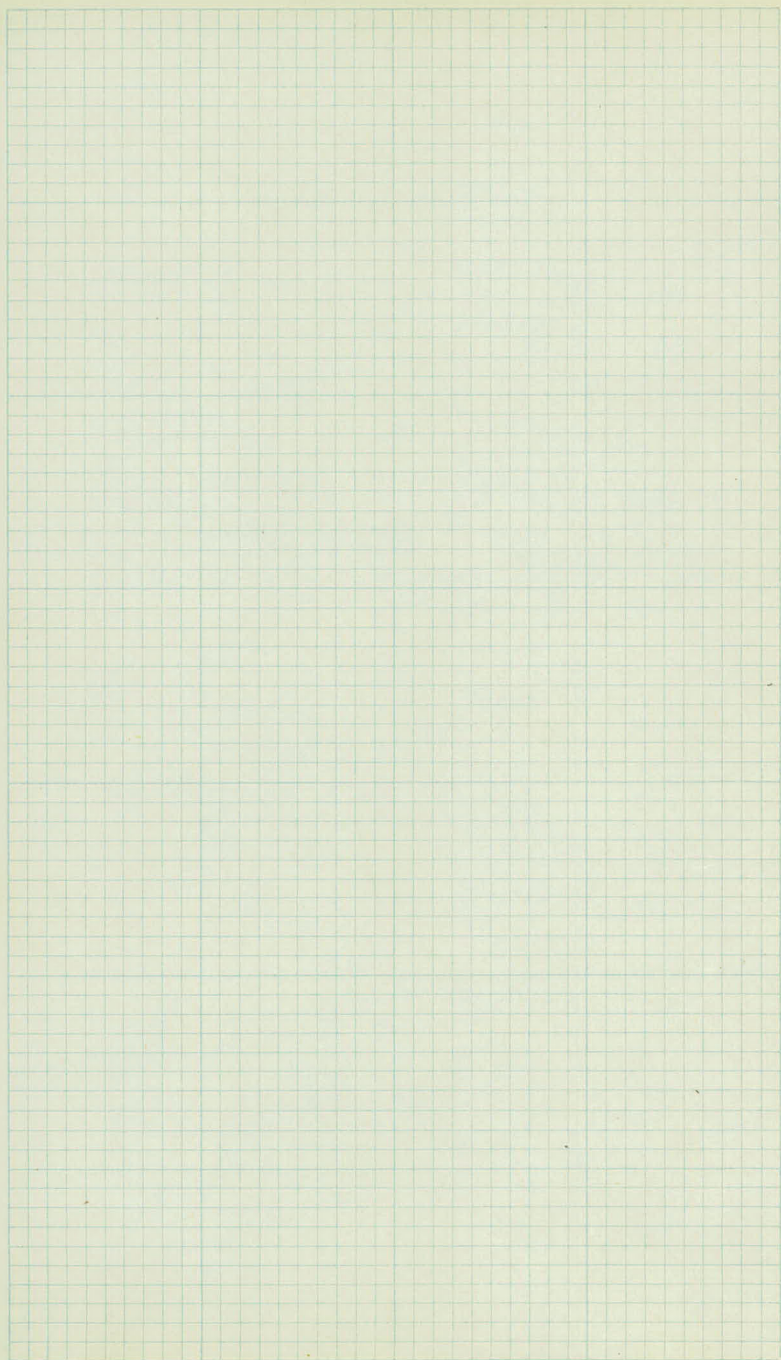
+ 100 100 24" x 62' Cone Pipe 25'

+ 83 20 Tile x 2 Rose lawn

+ 67 Fe Cov 33'

+ 68 N.W. Cor Hd Wall 26.6

+ 63 N.E. Cor Hd Wall 23.4



"A" Line
Topograph

11
+20 Edge Lake

10
1
+40 Fc X R

9
+41 Fc X R

8
+71 Beg Ditch

7
6
+77 Fc X R +78 Beg swp End Ditch

5
+8
+85 End 12" V.1 Beg Ditch
+80

4

+00 Ditch 1

+00 Ditch 0

+43 Ditch 1'

+43 Ditch 1'

Fc 17'
Ditch 6'-9

+88 Ditch 0

+88 Ditch 6'

+50 Fc 8'

+50 Ditch 0'-6'

+45 Fc Cor 5'

+41 Ditch 7'-2

+00 Ditch 8'-3'

+71 Ditch 2'

+71 Ditch 3

+50 Swp 5'

+50 Swp 5'

Swp 15'

Swp 80'

+50 Swp 10

+18 Swp 7

+00 Swp 15'

+00 Fc 32'

+50 Swp 100

Swp 80'

Swp 70'

+78 Fc Cor 3'

+50 Ditch 12'-3'

Ditch 7

Ditch 4'

+85 End 12" CM 4'

+80 Cor Barn 2'

+80 Fc Cor 35'

+80 Cor Barn 7'

