

OFFICE OF COUNTY ENGINEER
RAMSEY COUNTY, MINN.

PLAN Survey

LYDIA ST.

From Bellaire To Joy Rd.

Road Acc't. No. 109 Dr 9

Date Filed 12-15-66

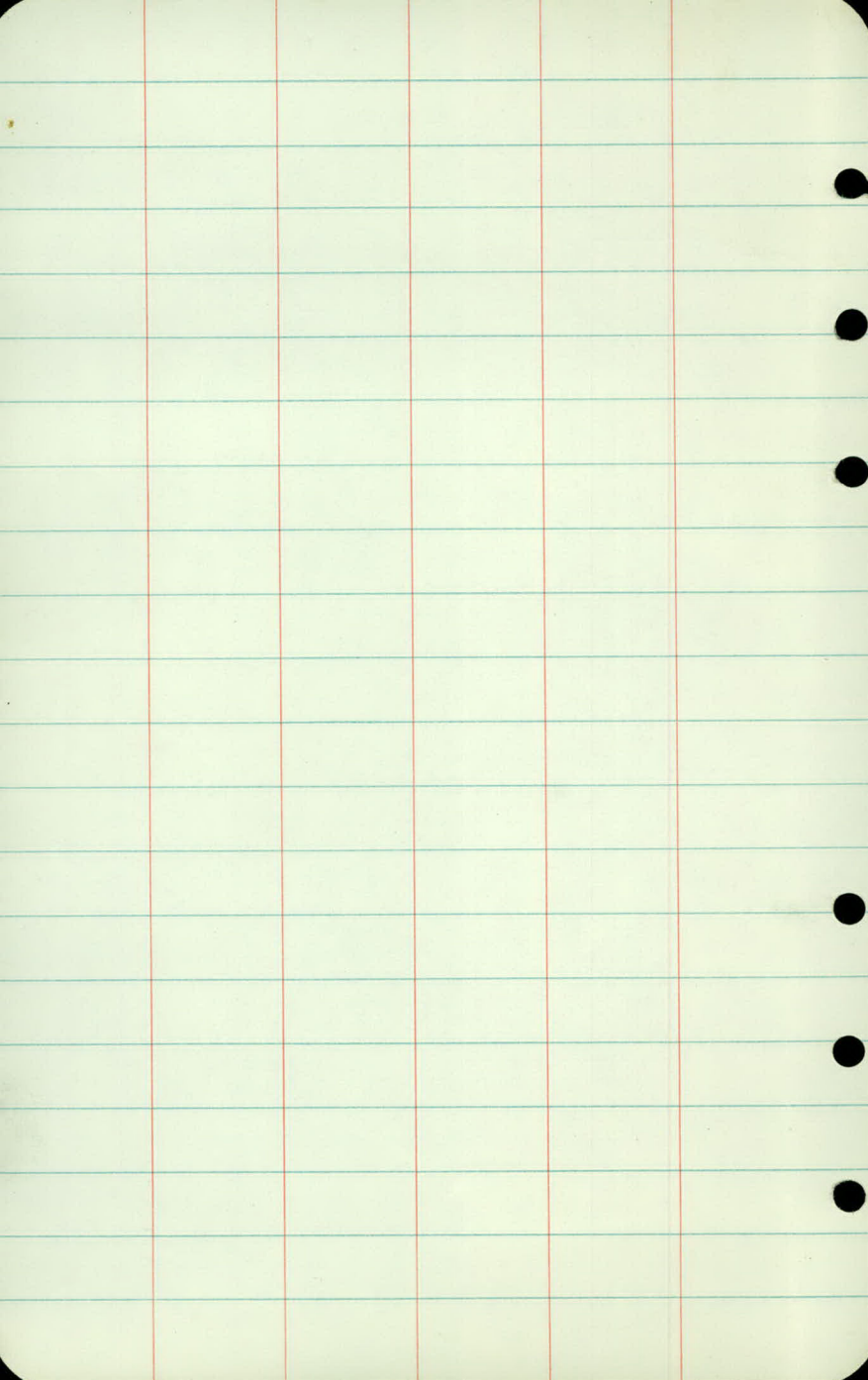
File Bk. 59

LYDIA

Bellaire to N. Lake Blvd.

PLAN SURVEY

PCC. 7-19-65 - K.A.



ALINEMENT

Sta Point Δ Lt. Δ Rt.

7+48.52 P.I. $91^{\circ}12'$

7+08.51 P.O.T.

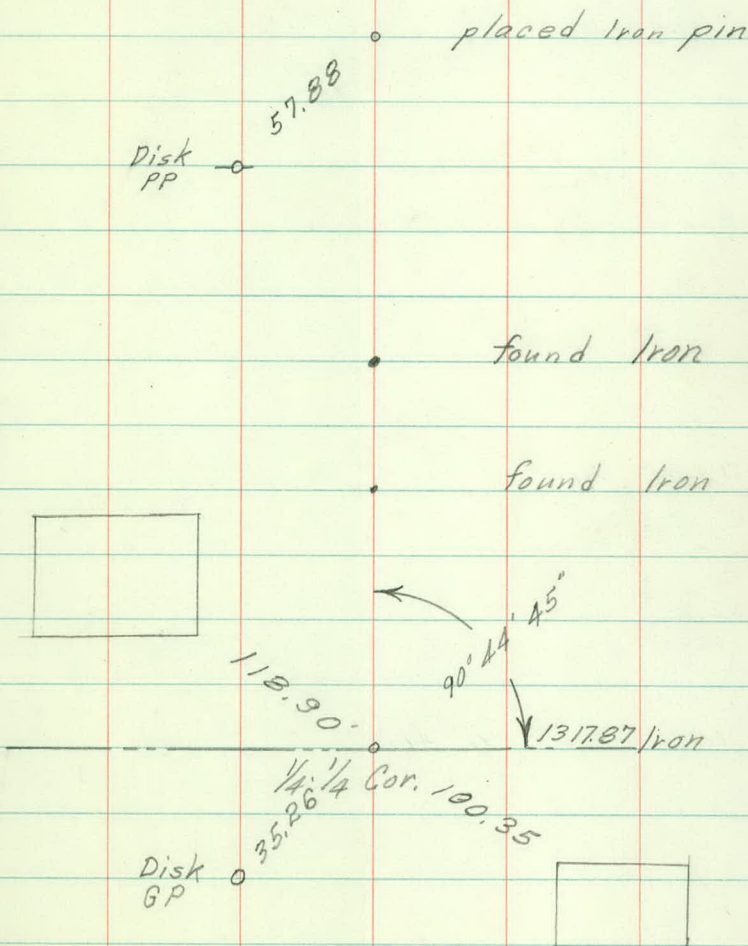
6+96.00 P.O.T.

0+00 ∇ Bellaire Ave.

FK
PK
LPD
RP
HL

June 29, 1965
June 30, 1965

3



Sta Point Δ Lt. Δ Rt.

12+11.36 Approx $\pm$ N. Lake Blvd.

11+84.36 Could not find iron
27

11+68.76 P.T. $14^{\circ}22.5'$

+50 $13^{\circ}26.2'$

+25 Void $12^{\circ}11.2'$ "B" Line

11 $10^{\circ}56.2'$ $\Delta = 28^{\circ}45'$

+75 $9^{\circ}41.2'$ $\frac{1}{2}\Delta = 14^{\circ}22'30''$

+50 $8^{\circ}26.2'$ $D = 10^{\circ}$

10+28.11 P.I. $28^{\circ}45'$ $T = 146.85'$

+25 $7^{\circ}11.2'$ $L = 287.50'$

10 $5^{\circ}56.2'$ $R = 572.96'$

+75 $4^{\circ}41.2'$

+50 $3^{\circ}26.2'$

+25 $2^{\circ}11.2'$

9 $0^{\circ}56.2'$

8+81.26 PC $0^{\circ}00'$

June 30, 1965

4

Disk
PP

Hyd

18.11

23.40

Boat spike

Possible 100m
40' 0

Disk
3 6" Pop

34.08

Spike

20.49

Disk
Rock
30 Oak

"B" Line

Sta Point ΔL ΔR

14+74.43

+25.00 P.T.

45° -

14

42°30' $\Delta = 90^\circ$

Etc

$\frac{1}{2}\Delta = 45^\circ$

12+61.48 P.I.

D = 20°

+75

10° - T = 286.48'.

+50

7°30' L = 450.00'.

+25

5° R = 286.48'.

10+00.00

2°30'

9+75.00 P.C.

0°00'

8+37.28 P.O.T.

7+48.52 P.O.T.

July 23, 1965

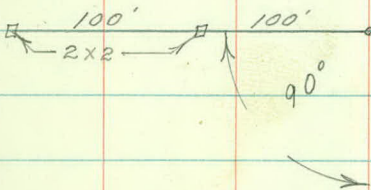
£

4a

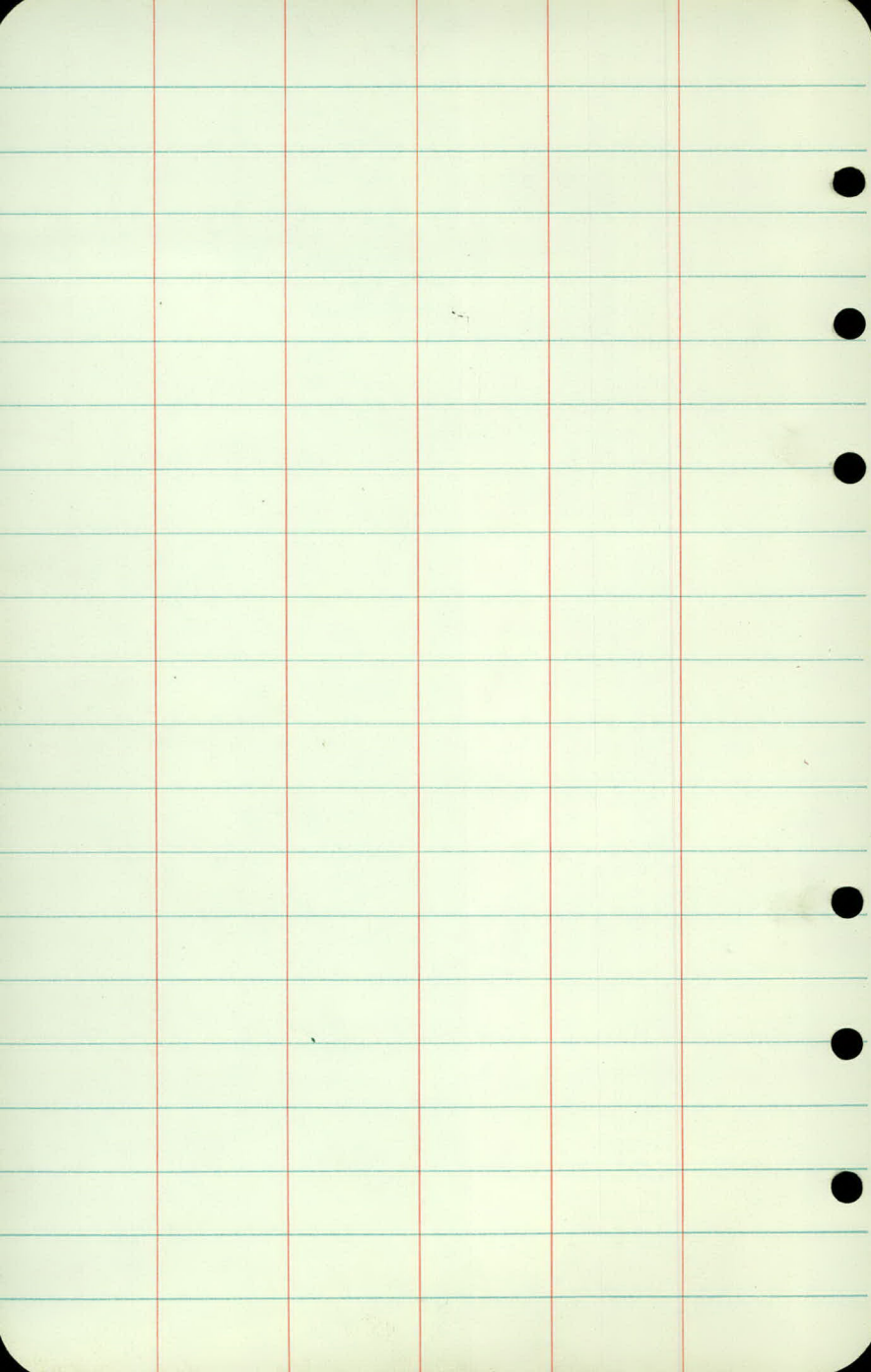
Approx £ N. Lake Blvd.

No Tangent Run

25.00' Chords



Spike



June 30, 1965

5

TOPOGRAPHY

2

$$+43 \frac{GP}{2}$$

$$+43 \frac{PP}{26}$$

$$+38 \frac{S.E. Lilac Hedge}{33}$$

2

$$+66 \frac{E. Drive End}{37}$$

$$+53 \frac{PP}{25}$$

$$+45 \frac{SE Cor Garage}{71}$$

$$+23 \frac{E. Wall}{40}$$

$$+28 \frac{SE 12'CM}{14}$$

$$+25 \frac{NE 12' \times 18'CM}{31}$$

1

$$+94 \frac{S.W. Cor Ho}{73}$$

$$+79 \frac{4' Cott}{7}$$

$$+34 \frac{E. Ent}{16}$$

$$+48 \frac{Row 2' LP}{38-47-56}$$

$$+23 \frac{PP}{25}$$

$$+13 \frac{MH}{23}$$

$$+21 \frac{Cor BT}{3}$$

$$+14 \frac{Cor BT.}{30}$$

$$+20 \frac{S.E. 12' \times 40' CM}{1}$$

0

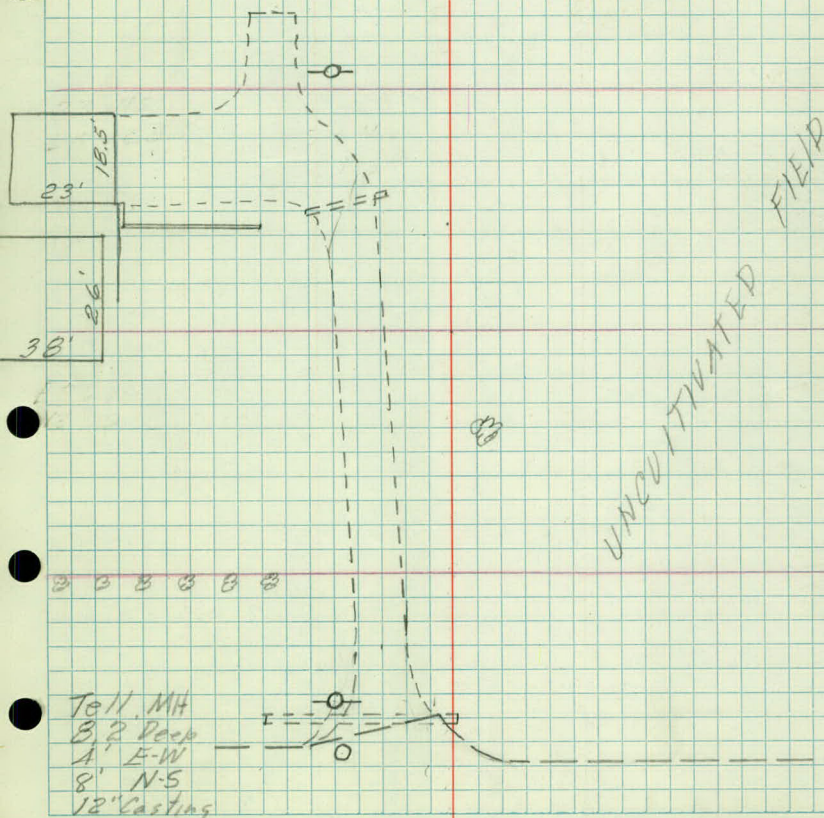
$$0+11 \frac{BT}{BT}$$

$$0-25 \frac{PP}{26} \quad 0-12 \frac{BT}{BT}$$

June 30, 1965

4

6



5

£

+188 $\frac{ECurb}{28}$

+175 $\frac{Edge Bit}{16}$

+159 $\frac{ECurb}{30}$

+126 $\frac{Cesspool Pump}{59}$

4

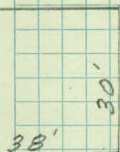
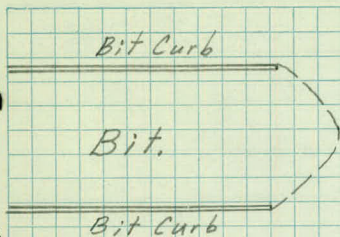
+193 $\frac{PP}{26}$

+164 $\frac{S.W. Cor. Ho}{63}$

3

June 30, 1965

7



N385
E30W

7

$$+97 \frac{PP}{26}$$

6

$$+45 \frac{PP}{26}$$

5

June 30, 1965

4

8



10

$$\frac{SWP}{92}$$

$$+70 \frac{20''0}{28}$$

$$+60 \frac{16''0}{12}$$

$$+52 \frac{14''0}{13}$$

$$+56 \frac{14''0}{22}$$

$$+06 \frac{16''0}{31}$$

$$+14 \frac{30''0}{16}$$

$$+05 \frac{2''0}{15} \text{ Mt. Ash }$$

9

$$+82 \frac{4''A}{34}$$

$$+53 \frac{SWP}{49}$$

8

June 30, 1965

£

9

VOID USE "B" Line



π

13
+30 S.E. 24" X 40" CM
55

?
W. M. Crossing
19'

+29 PP
10

+24 End Bit
2

+31 Hyd
14

+29 G.V.
13

+05 Beg Bit
12

+00 Shoulder
2

+06 MH
14

12 N.E. 24" CM

+90 SWP
57 36

+88 5" BE
13

+89 Quad 4" BE
21

+88 Tw 4" BE
6

+75 24" O
43

+50 SWP
38

+82 6" BE
22

+57 Trip 6" BE
35

+64 24" O
43

+42 8" BE
10

+49 4" BE
4

+20 Tw 4" BE
42

+17 5" BE
32

+32 6" PP
30

+10 8" BE
14

SWP
34

11

+97 24" O
38

+88 6" BE
34

+90 Tw 6" BE
24

+61 5" BE
34

+50 SWP
50

+12 20" O
44

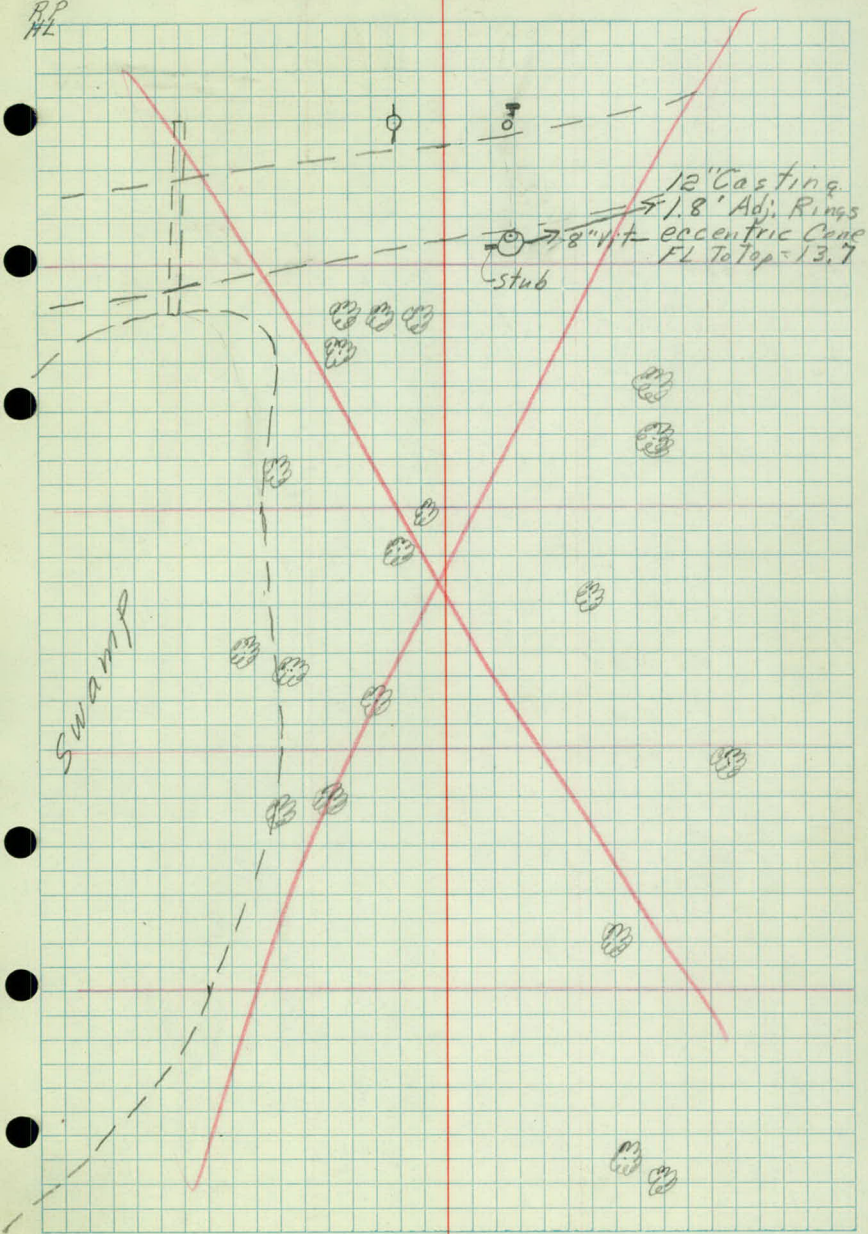
+14 Trip 24" O
37

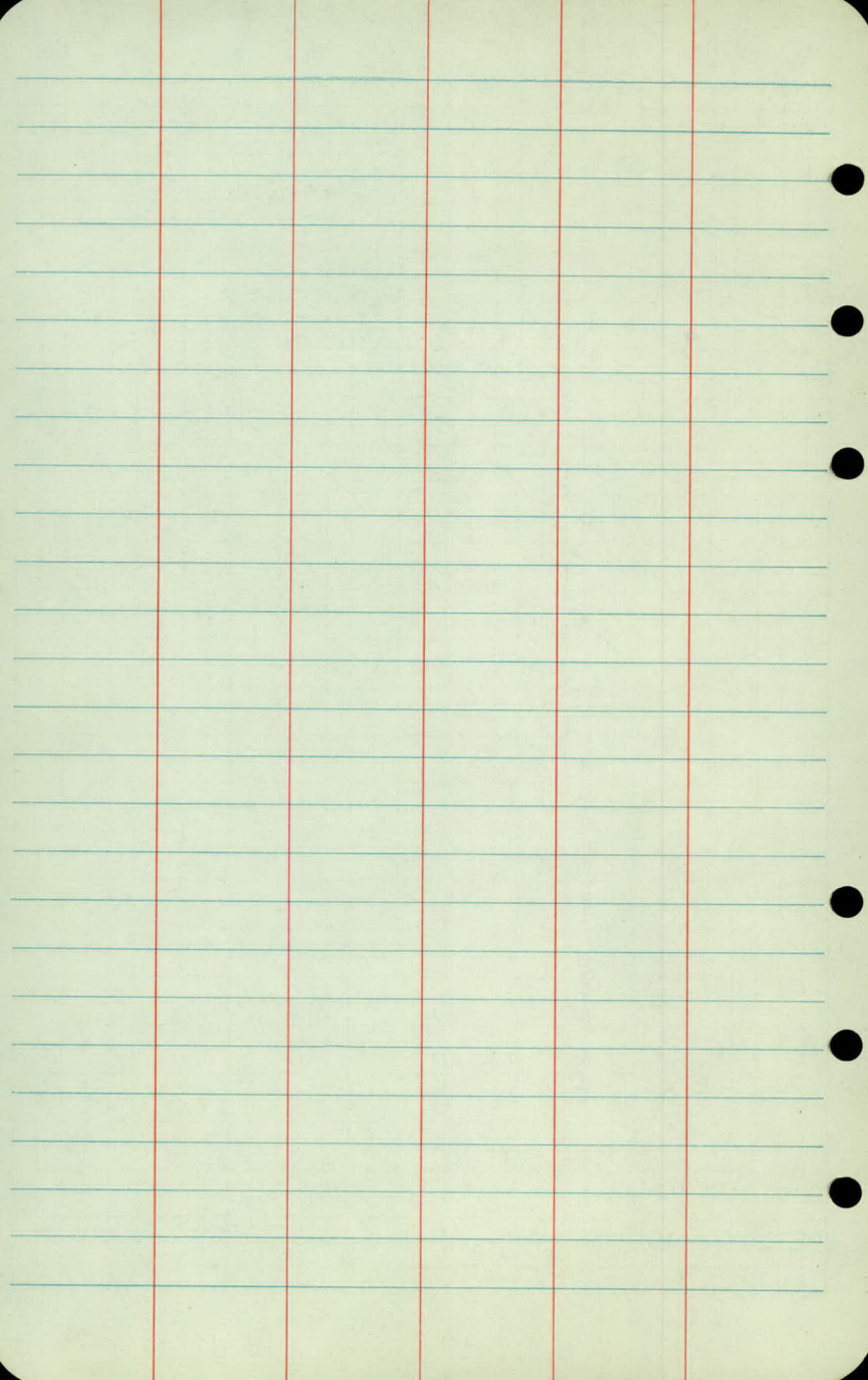
10

FK
PK
LDD
RP
HL

July 1, 1963

10





JULY 27 1965

PK
LPD
HL

TOPOGRAPHY

LINE "B"

STATION 8 To

Lt

E

Rt

+45 End Trees
54-88

+14 Begin Trees
36-61

10

+00 Fence
14

+75 Fences
11

+74 End Trees
41-71

+64 5" Boxelder
12

+38 4" Boxelder
12

+27 Begin Trees
41-93

9

+00 Fence
11

+88 4" Crab Apple
13

+54 4" oak
32

+30 Fence cor
3

+38 16" oak
43

8

+00 Fence
3

July 27, 1965

£

Small Trees
1" to 3"

Small Trees
1" to 3"



$$13 + 89 \frac{\text{Swamp}}{100}$$

$$\text{\$/} + 00 \frac{\text{Swamp}}{55}$$

$$+ 75 \frac{\text{Swamp}}{72}$$

$$+ 75 \frac{\text{Swamp}}{52}$$

$$+ 50 \frac{\text{Swamp}}{42}$$

$$+ 50 \frac{\text{Swamp}}{63}$$

$$+ 25 \frac{\text{Swamp}}{58}$$

$$+ 25 \frac{\text{Swamp}}{43}$$

$$+ 00 \frac{\text{Ditch}}{43}$$

$$+ 00 \frac{\text{Swamp} + \text{Ditch}}{53}$$

$$12 + 00 \frac{\text{Ditch}}{20}$$

$$+ 96 \frac{\text{Ditch}}{8} + 00 \frac{\text{Ditch}}{45}$$

$$+ 96 \frac{\text{Ditch}}{19}$$

$$+ 91 \frac{\text{Swamp}}{51}$$

$$+ 66 \frac{\text{Swamp}}{56}$$

$$+ 66 \frac{\text{Swamp}}{100}$$

$$+ 75 \frac{\text{Swamp}}{100}$$

$$+ 65 \frac{\text{Swamp}}{67}$$

$$+ 50 \frac{\text{Swamp}}{100}$$

$$+ 46 \frac{\text{Fence}}{83}$$

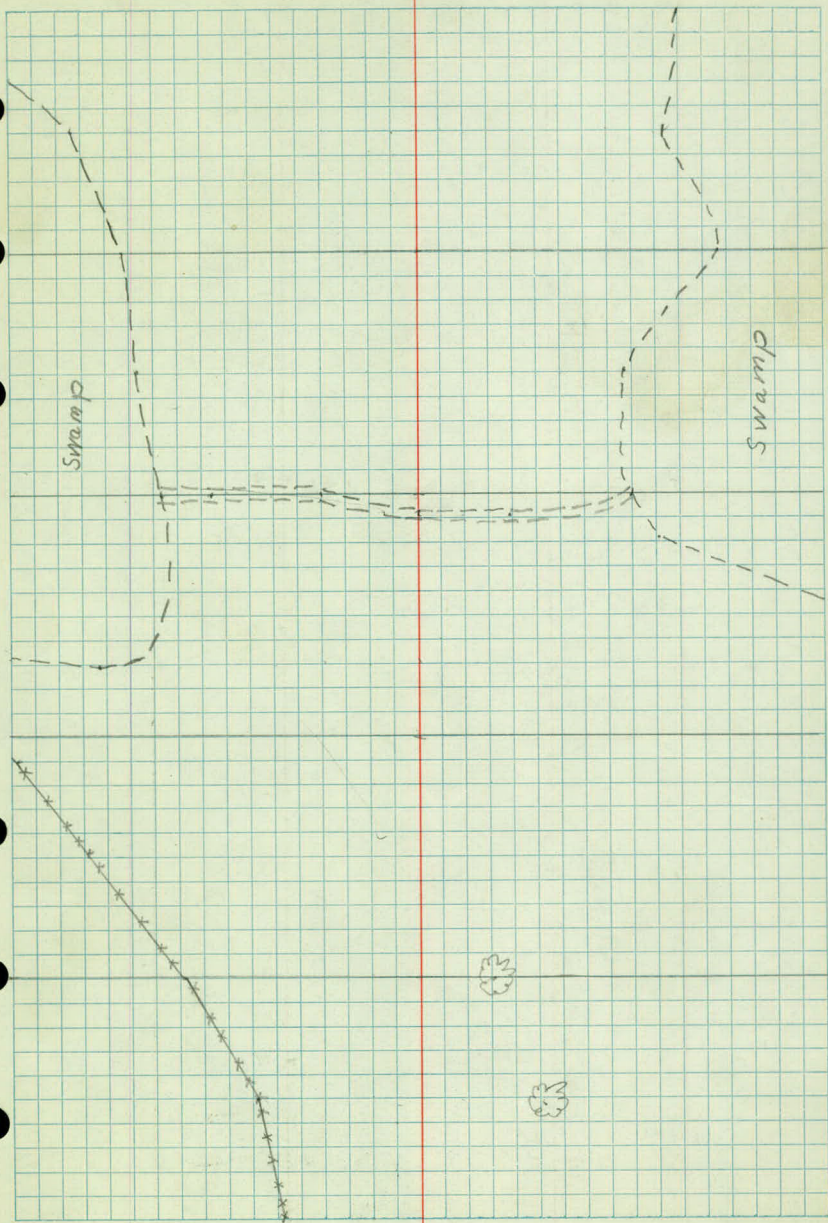
$$11 + 00 \frac{\text{Fence}}{49}$$

$$+ 00 \frac{4" \text{ crab Apple}}{16}$$

$$+ 75 \frac{\text{Fence}}{34}$$

$$+ 73 \frac{4" \text{ crab Apple}}{27}$$

$$+ 53 \frac{6" \text{ Poplar}}{96}$$



15

$$+62 \frac{PP}{50}$$

$$+55 \frac{24'' \text{ oak}}{24}$$

$$+55 \frac{14'' \text{ oak}}{60}$$

$$+49 \frac{14'' \text{ oak}}{63}$$

+85 Road

+65 Road

+50 Fence

$$+62 \frac{PP}{77}$$

$$+85 \frac{\text{Road}}{100}$$

$$+63 \frac{\text{Road}}{100}$$

$$+56 \frac{\text{Stamp}}{1}$$

$$+58 \frac{\text{Stamp}}{1}$$

$$+46 \frac{18'' \text{ oak}}{62}$$

$$+46 \frac{4'' \text{ Popel}}{11}$$

$$+45 \frac{4'' \text{ Popel}}{33}$$

$$+30 \frac{4'' \text{ Basswood}}{31}$$

$$+29 \frac{20'' \text{ Basswood}}{33}$$

$$+28 \frac{5'' \text{ Basswood}}{31}$$

14

$$+100 \frac{20'' \text{ Basswood}}{25}$$

$$+75 \frac{18'' \text{ Basswood}}{82}$$

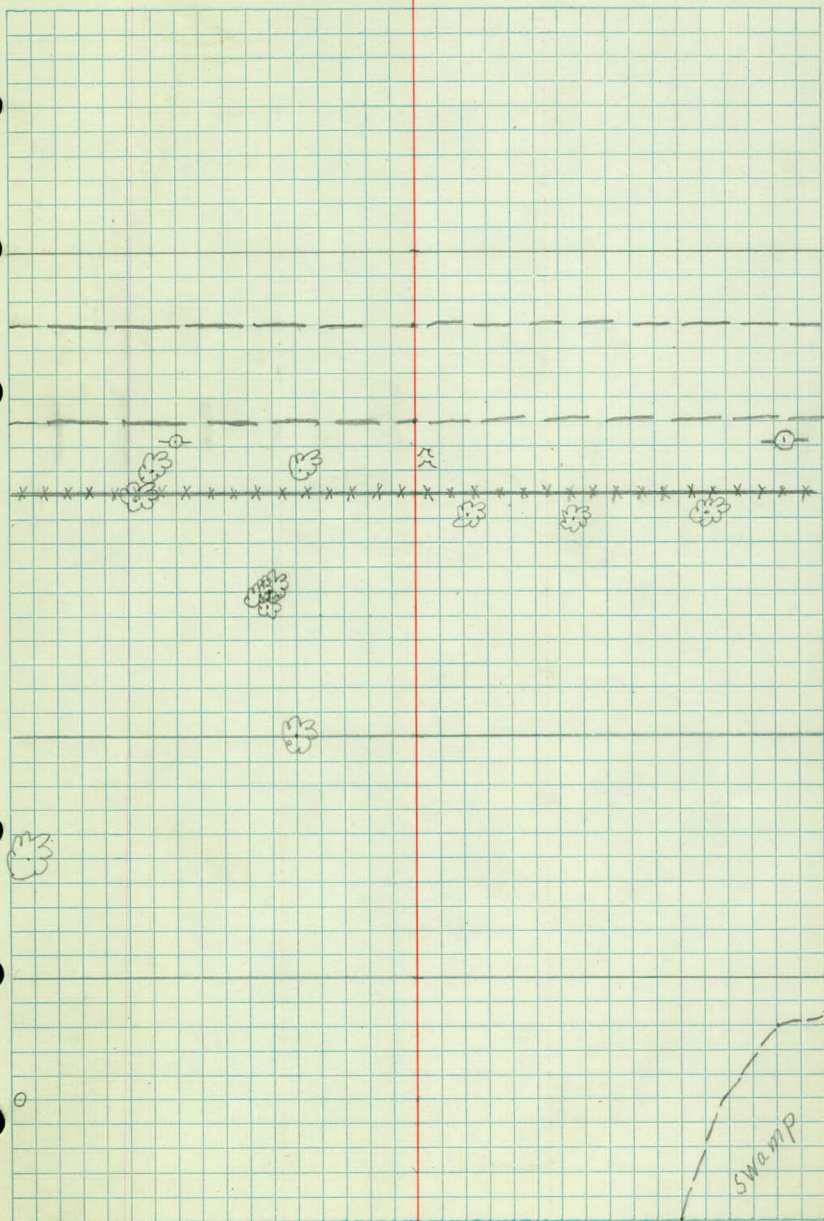
$$+44 \frac{\text{Swamp}}{100}$$

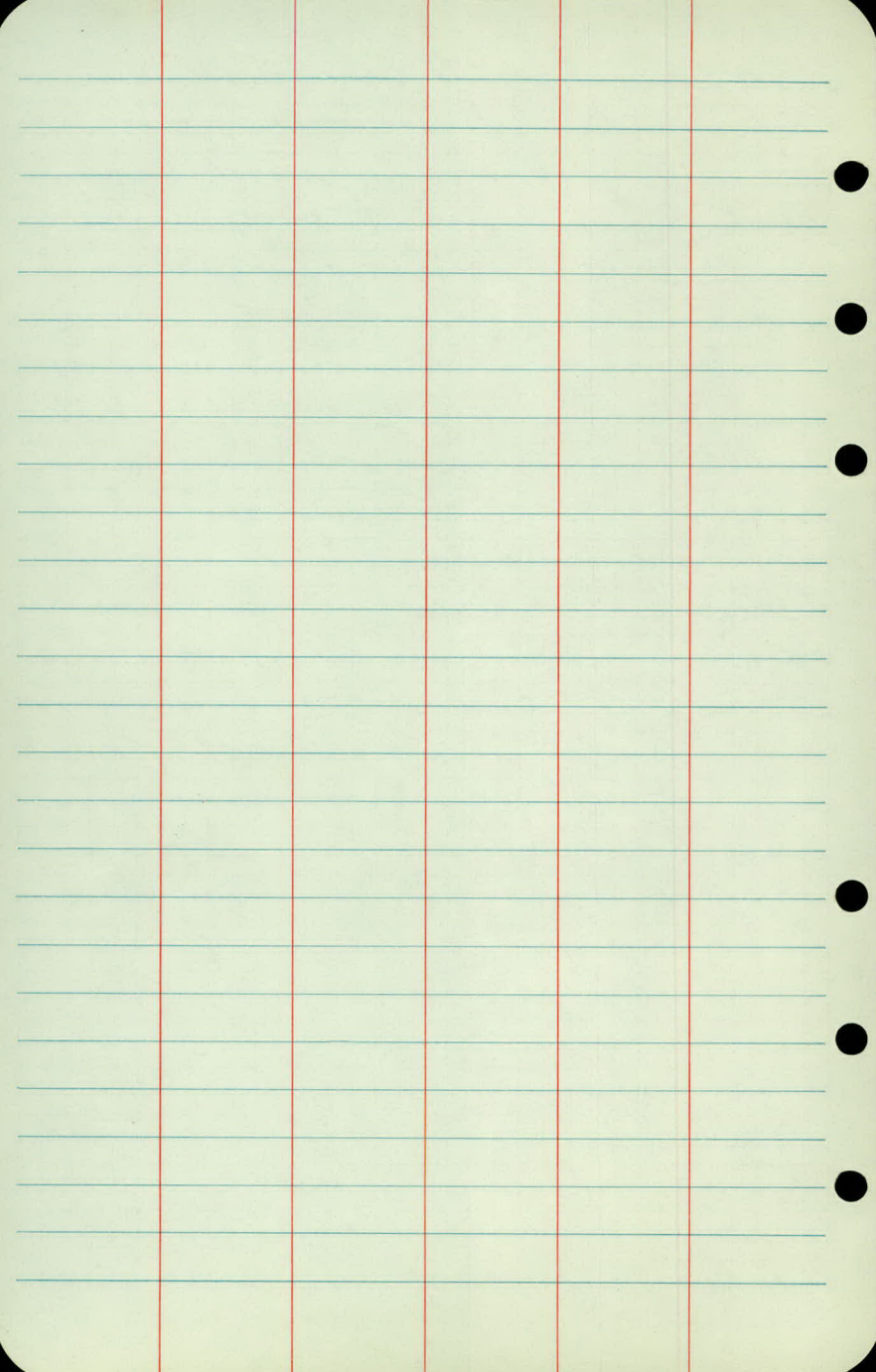
$$+40 \frac{\text{Swamp}}{75}$$

$$+25 \frac{\text{Swamp}}{64}$$

$$+25 \frac{PP}{83}$$

13





July 1, 1965

11

Bench Levels

Sta	+	π	-	Elev.
BM	8.13	1010.09		1001.96
BM	0.62	1006.82	3.89	1006.20 1006.20
BM	12.32	1017.44	1.70	1005.12
TP	10.77	1027.45	0.76	1016.68
BM	1.57	1025.94	3.08	1024.37
BM	9.75	1030.47	5.22	1020.72
BM	0.21	1029.78	0.90	1029.57
TP	1.61 [?]	1018.10	13.29	1016.49
TP	9.78	1025.01	2.87	9015.23
TP	1.50	1012.99	13.52	1011.49
BM	1.98	1007.12	7.85	1005.14 1005.12
BM			0.90	1006.22 1006.20

July 1, 1965

12

Spike in P.P. Across from pump

Spike in P.P. With 2 Guy Wires

Top Hyd S.W. Cor. Lydia + N. Lake Blvd.

Rock

Spike in PP at N.W. Cor. Joy Park

Spike in PP N.W. Cor Lydia + N. Lake St.

Square Head Spike in PP NW Cor Bellaire + Lydia

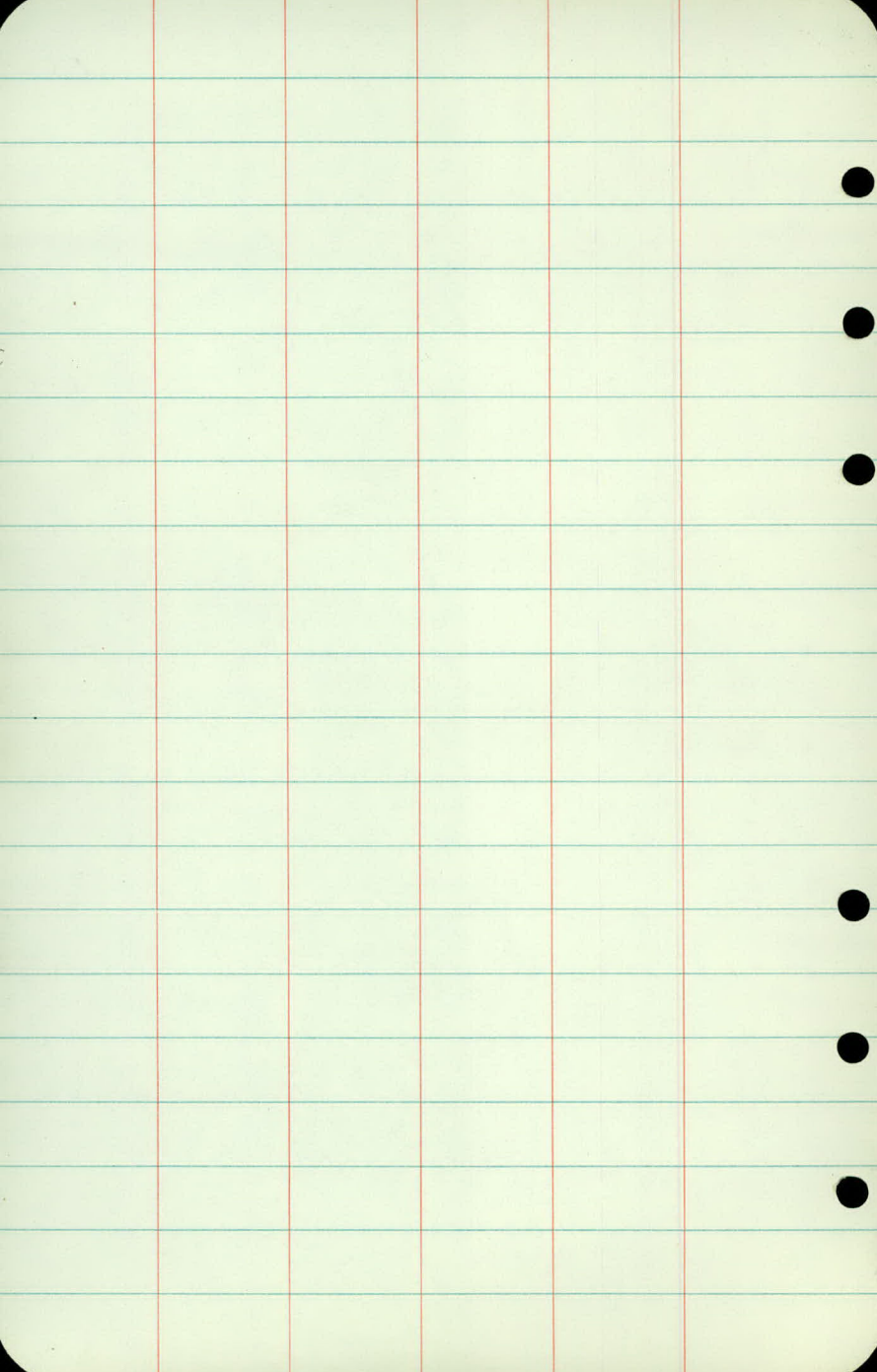
Nail

stone

stump

Top Hyd. S.W. Cor Lydia + N. Lake Blvd.

Spike in PP With 2 Guy Wires



x-sections

Sta	+	π	-	Elev.
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BM	4.31	1033.88		
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(1029.57)

0+00 $\neq$ Bellaire

✓

✓

0+13

+20

+50

T.P.	6.91	1032.70	8.09	1025.79
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July 1, 1965

Lt.

RT 14

Square Head Spike in P.P. NEC in Bellaire & Lydia

32.6	31.9	31.4	30.8	30.2	29.5	28.8	28.0	27.3	26.8	26.2
1.3	2.0	2.5	3.1	3.7	4.4	5.1	5.9	6.6	7.1	7.7
127	100	73	47	24		23	50	81	100	126

33.2	33.7	34.0	34.0		24.7	24.0	24.5	24.5
0.7	0.2	+0.1	+0.1		9.2	8.9	8.4	
152	176	200	226		200	182	158	

33.5	33.7	33.9
0.4	0.2	0.0
300	278	252

30.5	29.84	29.1	28.4	27.7
3.4	4.04	4.8	5.5	6.2
50	MH	23	50	
	23			

29.4	28.46	29.7	29.3	28.5	27.06	27.3	26.2	25.2
4.5	5.42	4.2	4.6	5.4	6.82	6.6	7.7	8.7
50	42	40	22		1	5	28	50
FL					FL			

29.4	29.0	27.6	28.1	27.9	27.4	26.77	26.6	26.8	25.6	24.7
4.5	4.9	6.3	5.8	6.0	6.5	7.2	7.3	7.1	8.3	9.2
50	40	27	23	13	9		4	9	27	50

N. End Calc Lt Sta 1+25

Sta + π - Elev.

1032.20

1

+23

+35 Garage Floor 6.91 71' Lt

+66

TP 4.94 1025.93 11.71 1020.99 Rock

2

+40

+54

PK
PK
RP
HL

July 2, 1965

15

29.6 21.3 25.9 26.3 26.3 25.8 24.9 24.7 24.0 23.8

3.1 5.4 6.8 6.4 6.4 6.9 7.8 8.0 8.7 8.9

40 39 40 30 26 13 10 10 27 50

26.1 27.4 25.8 26.7 25.0 25.8 25.8 25.3 24.5 24.0 23.0 22.6

6.4 6.9 5.9 4.7 6.9 6.9 7.4 8.2 8.7 9.7 10.1

32 29 22 13 7 27 50

50 40

24.2 24.9 25.1 24.9 23.9 22.4 21.6 20.9 20.4

8.5 7.8 7.6 7.8 8.8 10.3 11.1 11.8 12.3

52 45 38 32 24 11 34 50

22.9 22.5 22.1 21.8 21.2 20.6 19.7 19.5 19.2

3.0 3.4 3.8 4.1 4.7 5.3 6.2 6.4 6.7

50 31 18 5 2 16 37 50

21.3 21.2 20.9 20.5 19.6 19.8 18.0 17.9 17.7

4.6 4.7 5.0 5.4 6.3 7.1 7.9 8.0 8.2

50 41 23 5 3 16 33 50

21.6 21.4 20.6 20.7 19.2 18.6 17.7 17.4 17.3

4.3 4.5 5.3 5.2 6.7 7.3 8.2 8.5 8.6

50 38 21 8 4 20 41 50

Sta + π - Elev.

1025.93

3

+50

A

BM 4.42 1025.14 5.21 1020.72

+43

+59 Gutter Line

+74 $\neq$ N. Lake St.

Lt.

July 2, 1965

Rt.

16

20.4 20.3 19.8 19.1 18.2 17.3 17.0 17.1
 5.5 5.6 6.1 6.8 7.7 8.6 8.9 8.8
 50 31 10 5 21 41 50

21.3 20.1 19.8 19.0 18.4 17.3 17.0
 4.6 5.8 6.1 6.9 7.5 8.6 8.9
 50 29 11 5 24 50

21.8 21.2 19.8 19.8 18.4 18.3 17.7 17.2 16.8
 4.1 4.7 6.1 6.1 7.5 7.6 8.2 8.7 9.1
 63 50 28 19 6 12 32 50
 Ho Spite in PP N.W. Cor N Lake St. + Lydia

20.0 19.9 19.2 18.5 19.3 18.6 18.3 17.8 16.9
 5.1 5.2 5.9 6.6 5.8 6.5 6.8 7.3 8.2
 50 47 28 14 11 7 27 50

19.3 18.8 18.6 18.4 18.4 18.6 18.1 18.1 17.1
 5.8 6.3 6.5 6.7 6.7 6.5 7.0 7.0 8.0
 60 33 23 8 7 18 30 50
 Bit.

20.1 19.9 19.8 19.5 18.8 18.6 18.5 18.6 18.3 17.4 16.7
 5.0 5.2 5.3 5.6 6.3 6.5 6.6 6.5 6.8 7.7 8.4
 100 84 64 45 19 9 5 18 37 54
 Bit

Sta + π - Elev.

1025.14

4 + 88 ✓ Gutter Line

5

+50

6

BM 9.71 1034.08 0.76 1024.38 (1024.37)

+50

7

July 2, 1965

17

17

17

17

18.9	18.8	18.7	18.7	18.2	18.6	18.3	18.1	17.8	17.0
62	63	64	64	69	65	68	70	73	81
50	44	29	19	13	6		10	28	50

Bit

19.4	19.1	18.7	18.9	18.8	19.4	17.7	17.2
5.7	6.0	6.4	6.2	6.3	6.7	7.4	7.9
50	28	15	9		11	32	50

20.6	19.9	19.9	19.7	19.2	18.7	18.2	17.6
4.5	5.2	5.2	5.4	5.9	6.4	6.9	7.5
50	24	12	5		6	26	50

21.4	21.1	20.9	21.4	20.2	19.2	18.9	18.3
3.7	4.0	4.7	3.7	4.9	5.9	6.2	6.8
50	33	13	7		7	24	50

Spike in PPA at N.W. Cor Joy Park

22.5	22.3	22.1	21.2	21.1	19.8	18.9	18.7
11.6	11.8	12.0	12.9	13.0	14.3	15.2	15.4
50	28	22	12		6	30	50

23.8	22.7	22.6	21.4	20.9	19.9	19.3	19.0
10.3	11.4	11.5	12.7	13.2	14.2	14.8	15.1
50	21	5		3	22	38	51.5

Sta + π - Elev.

1034.08

+48.5

8+00 Along $\frac{1}{4}$ Line

+30 along $\frac{1}{4}$ Line

BM 5.35 1029.72 9.71 1024.37

8+00

~~VOID USE B Line~~

+48

1343
158
11.85
1275

July 2, 1965

26.5 25.1 24.5 24.4 23.6 22.8 22.5 22.0 21.9
 76 90 9.6 9.7 10.5 11.3 11.6 12.1 12.2
 51 27 16 4 6 24 44 51.5

30.6 30.2 29.3 30.0 29.8 29.5 29.9 29.8 28.1
 3.5 3.9 4.8 4.1 4.3 4.6 4.2 4.3 6.0
 60 50 24 4 8 26 39 51.5

29.8 30.8 31.9 33.0 33.4 33.0 31.4 27.8 23.5
 4.3 3.3 2.2 1.1 0.7 1.1 2.7 6.3 10.6
 60 50 36 23 6 20 39 51.5
 Spike in PP NW Cor Joy Park

27.0 27.4 26.2 24.0 22.8 21.9 20.9 19.6 18.9 18.6
 2.7 2.3 3.5 5.7 6.9 7.8 8.8 10.1 10.8 11.1
 65 50 38 22 9 10 30 44 50

26.6 24.3 20.7 18.3
 3.1 5.4 9.0 11.4
 71 78 86 92

16.2 18.3 22.3 22.4 22.4 21.6 20.5 19.7 18.3 17.8
 13.5 11.4 7.4 7.3 7.3 8.1 9.2 10.0 11.4 11.9
 47 40 30 27 12 12 30 50 60

11.5 07.2 02.9
 18.2 22.5 26.8
 56 67 93

Sta + π - Elev.

1029.72

8+80

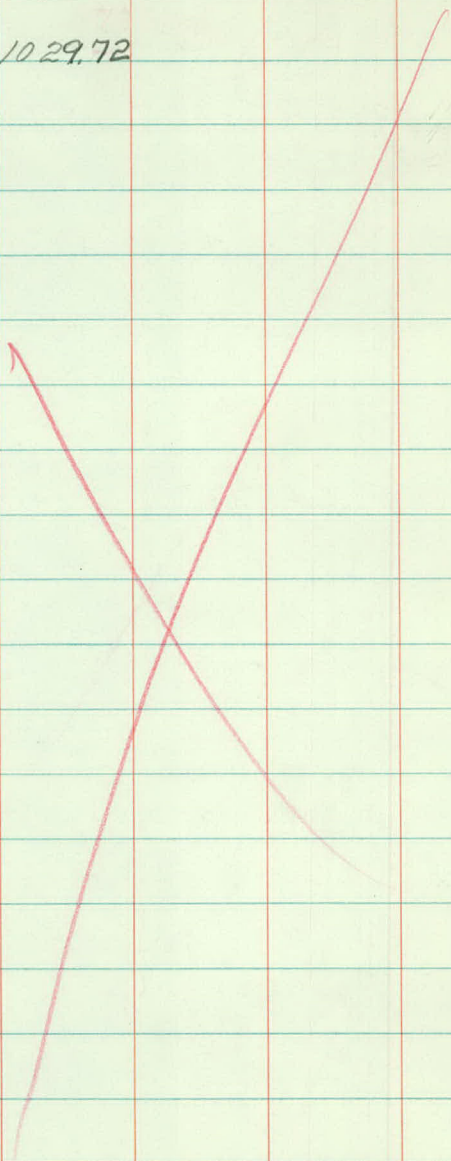
✓

9

✓

+25

✓



July 2, 1965

17

18

18

19

11.3	15.1	16.6	19.0	22.0	22.1	22.2	21.2	20.8	20.0	19.5
18.4	14.6	13.1	10.7	7.7	7.6	7.5	8.5	8.9	9.7	10.2
32	25	21	13	4		5	33	40	50	60
								PL		

08.5	05.2	0.26
21.2	24.5	27.1
43	54	75

03.7	06.0	10.5	16.1	19.0	21.8	22.8	22.8	23.0	22.3	21.4	20.0
26.0	23.7	19.2	13.6	10.7	7.9	6.9	6.9	6.7	7.4	8.3	9.3
53	42	29	16	7		7	13	30	44.5	50	60
								PL			

03.0	02.1
26.7	27.6
63	73

03.7	06.2	10.0	14.3	19.7	22.5	25.2	25.3	24.4	24.0
26.0	23.5	19.7	15.4	10.0	7.2	4.5	4.4	5.3	4.8
39	29	20	12		5	15	31	45	41.8
								PL	

04.6	00.8
25.1	28.9
56	75

20.8	22.1	23.2
8.9	7.6	6.5
79	68	59

Sta + π - Elev.

1029.72

9+50

11.85
~~17.45~~
 30
 19.5

+75

✓

10

TP 3.69 1024.59 8.82 1020.90

10

12.6
 12.15
~~0.27~~
 11.8
 11.7

18.8
 10.5

✓

July 2, 1965

1+

£

RT

20

12.8	04.8	07.7	11.1	15.2	18.7	22.3	25.1	28.0	28.0
16.9	24.9	22.0	18.6	14.5	11.0	7.4	4.6	4.9	5.7
29	20	13	6		7	16	39	45.4	60

PL

04.8	06.9	08.5	11.8	18.4	21.6
24.9	22.8	21.2	17.9	11.3	8.1
6		5	12	25	37

23.3	24.6	23.2
6.4	5.1	6.5
7.4	6.1	49.5

PL

06.4	10.2
23.3	19.5
20	29

99.2	99.9	01.1	02.12	04.0	16.6	19.9	20.3	23.7	24.4
25.4	24.7	23.5	22.4	20.6	8.0	4.7	4.3	0.9	3.2
34	20	11	£	12	43	52	54.3	66	72.8

PL

97.8	97.7	96.6	95.3
26.8	26.9	28.0	29.3
40	48	60	83

Sta + π - Elev

1024.59

+50

18.8

+75

10+25

11.8

20.8

11.8

16

✓

+50

✓

July 2, 1965

14

2

RT

21

91.6 99.8 01.3
27.0 24.8 23.3
89 72 52

91.2 98.6 99.6 00.9 02.5
27.4 26.0 25.0 23.7 22.1
72 63 51 33 14

16.7 12.6 06.2 02.7 00.8 99.5 97.3 96.5
7.9 12.0 16.4 21.9 23.8 25.1 27.3 28.1
57 49 37 19 12 25 36
Right Side Left Side

19.8 19.8 20.8
4.8 4.8 3.8
62 76 93
Aprox PL Right Side

95.2 95.5
29.4 29.1
62 48
Water Left Side

99.8 00.6 02.1 03.8 08.9
24.8 24.0 22.5 20.8 15.7
10 20 36 45

21.9 21.1 20.1
2.7 3.5 4.5
95 70 62

Sta + π - Elev.

1024.59

10+75

T.P. 0.41 1019.31 5.69 1018.96

+75

1372

033

134 13.4
1339

✓

10+50

11

✓

July 2, 1965

14

84

22

14.1 17.1 19.1 22.3
10.5 7.5 5.5 2.3 Ho.
56 61 68 90 100

95.9 97.0 98.0 99.5 00.0 00.5 02.2 03.8 05.9 07.1 08.3
23.4 22.3 21.3 19.8 19.3 18.8 17.1 15.5 13.4 12.2 11.0
10.0 8.9 7.9 6.4 5.9 5.4 3.7 15.5 43 46 48
29 16 6 4 9 16 27 37

95.1
242
10.8
39

95.1 95.8 97.1 98.4
24.2 23.5 22.2 20.9
46 35 18 8

95.1 96.3 98.1 98.8 00.0 01.5 03.6 07.8
24.2 23.0 21.2 20.5 19.3 17.8 15.7 11.5
36 18 3 8 21 36 46

160 15.5 12.4
3.3 3.8 6.9
97 70 55

Sta + π - Elev.

1019.31

11+25

13.4

✓
+50

✓
TP 0.33 1005.92 13.72 1005.59

BM 7.48 1012.60 0.83 1005.09 1005.12

1.98

5.5

5.5

✓
+84 Property Line ±

July 2, 1965

23

Lt

£

Rt

95.9	96.5	97.4	98.1	99.4	99.9	01.7	03.5
23.4	22.8	21.9	21.2	19.9	19.4	17.6	15.8
29	19	13	5		7	20	31

94.9
24.4
38

15.5 15.3 15.0 13.6 07.6
3.8 4.0 4.3 5.7 11.7
100 80 68 50 41

95.1	95.9	97.8	98.9	99.9	00.7	01.6	03.6	06.0
24.2	23.4	21.5	20.4	19.4	18.6	17.7	15.7	13.3
34	28	16	8		10	16	29	35

14.0 13.8 12.3
5.3 5.5 7.0
85 63 47

Top Hyd S.W. Cor. Lydia & N. Lake Blvd.

95.2	96.3	97.6	98.6	00.3	1.3	2.8	3.4	6.9
17.4	16.3	15.0	14.0	12.3	11.3	9.8	9.2	5.7
37	26	18	12		4	13	21	35

Serp

11.7 11.8 11.4
0.9 0.8 1.2
73 63 40

Sta + π - Elev.

1012.60

12

55

+11.36 Aprox $\pm$ Late Blvd

✓

12+06 M H 14' R+ 9.57

10.83
5.50

11+90 N.E. 24' CM 57' Lt 18.33

10.34
5.5

12+30 S.E. 24' CM 55' Lt 18.04

BM

7.47 1005.13 (1005.12)

July 2, 1965

98.1

21

2

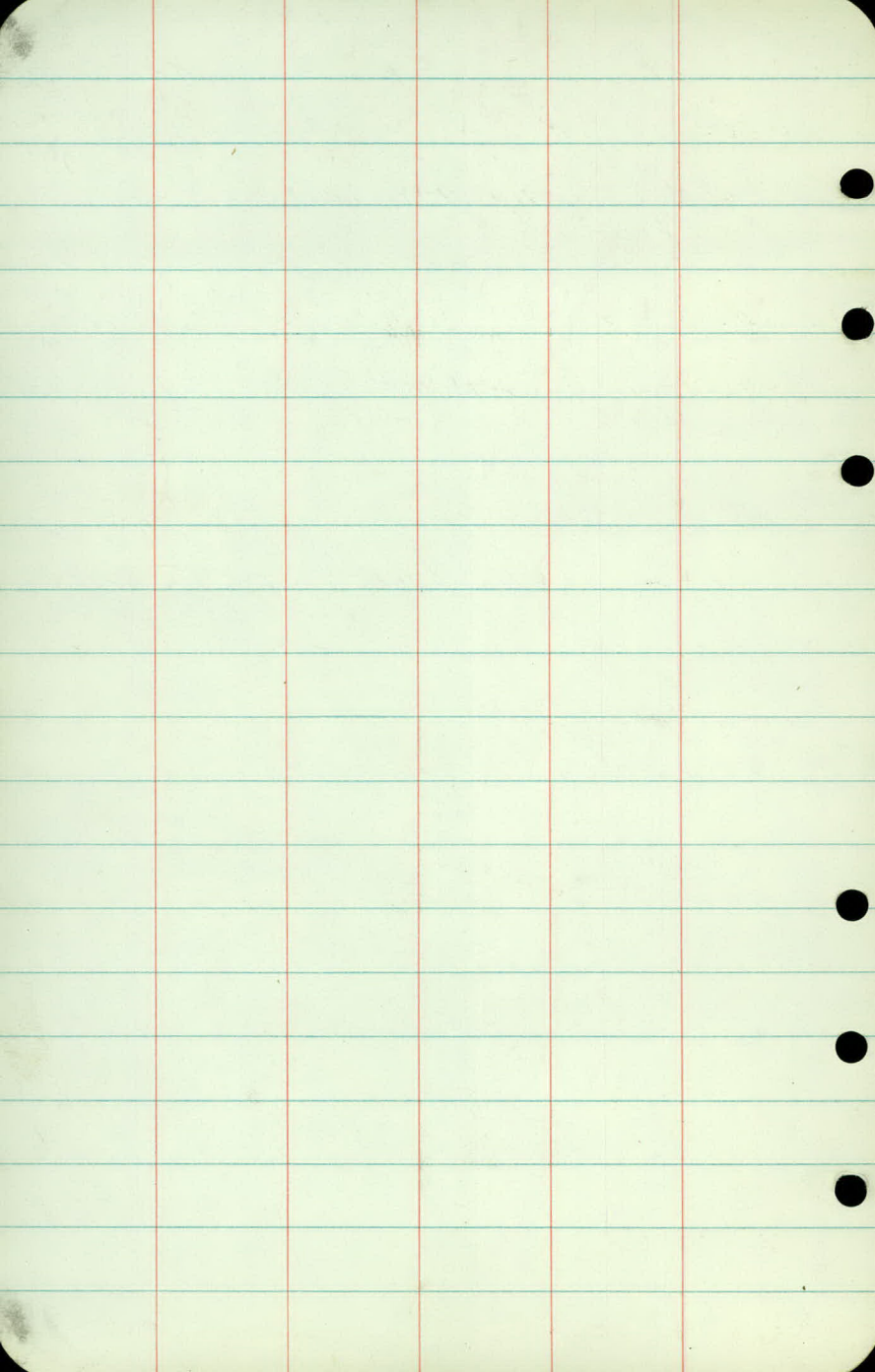
RT 24

99.7 99.2 99.6 00.4 01.5 1.4 02.0 03.4 03.4 05.2 05.8 06.2
 139 134 130 122 111 106 92 92 72 68 64
 75 58 43 22 6 13 20 37 58 75

99.6 99.2 99.6 00.7 02.3 04.0 05.3 05.7 05.3 04.3
 130 134 130 119 103 86 73 69 73 83
 100 75 50 25 25 50 75 100 125

01.1 02.2 02.4 03.3
 11.5 10.4 9.3
 200 175 150

Top Hyd S.E. Cor Lydia & N. Lake Blvd.



X - Sections

Line "B" Sta. 8 to 14+85

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

BM	13.12	1037.49		1024.37
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8+00

+30

+42

+65

TP	1.68	1025.66	13.51	1023.98
----	------	---------	-------	---------

8+30

+42

LT
RT

E

26

RT
LT

26

Spike in Power Pole N.W. Cor. Joy Park

30.1 30.9 30.6 30.1 30.0 29.6 29.9 29.8 29.4 29.1 26.6 23.1
6.8 6.6 6.9 7.4 7.5 7.9 7.6 7.7 8.1 8.4 10.9 14.4
79 71 59 51 43 43 6 14 35 58 75

30.0 30.3 31.4 32.7 32.4 32.2 32.7 30.0 26.1 23.1
7.5 7.2 6.1 4.8 4.1 4.3 4.8 7.5 11.4 14.4
75 64 46 29 11 9 28 44 52

24.3 28.1 27.5 32.8 31.2 28.2
13.2 9.4 5.0 4.7 6.3 9.3
75 47 19 13 29

22.4 24.7 28.3 28.7 26.6 24.2 21.6
15.1 12.8 9.2 8.8 10.9 13.3 14.9
43 32 14 17 27 39

18.9 14.2 11.5
6.8 11.5 14.2
67 76 84

4.2 9.2 17.0 12.2 9.1
1.5 6.5 8.7 13.5 16.6
34 43 47 57 64

Sta	+	T	-	Elev
-----	---	---	---	------

		1025.66		
--	--	---------	--	--

8+65				
------	--	--	--	--

TBM	0.76	1025.24	1.18	1024.48
-----	------	---------	------	---------

8+79				
------	--	--	--	--

9				
---	--	--	--	--

TP	2.83	1015.12	12.95	1012.29
----	------	---------	-------	---------

8+65				
------	--	--	--	--

8+79				
------	--	--	--	--

9				
---	--	--	--	--

FX
LFD
RP
HL

AT

L+

Aug. 2, 1965
E. Clowdy Mosquitoes LT 27

18.3 14.1 10.1
74 11.6 15.6
37 46 53

Stake at Sta 8+79

15.4 18.0 21.7 23.7 24.1 22.4 21.9 16.9 12.5 10.1
98 72 35 15 11 1.5 2.8 33 8.3 12.7 15.1
60 48 32 17 7 13 25 36 46 50

12.3 14.2 16.9 17.2 16.3 13.8 11.0
129 110 88 80 8.9 11.4 14.2
60 44 26 6 18 31

07.6
7.5
60

04.8
10.3
60

06.8 04.5 02.7
8.3 10.6 12.4
43 50 60

Sta

+

T

-

Elev

10/15.12

9+30

+62

+75

10

+25

+50

Aug. 2, 1965

LT

2

51 28

08.1	08.4	08.5	09.1	09.0	08.9	07.9	05.0	03.1	01.7
70	67	66	60	61	62	72	10.1	12.0	13.4
60	55	38	19	5		20	40	50	60

06.8	06.3	06.1	05.5	05.2	04.9	04.0	03.3	01.3
8.3	8.8	9.0	9.6	9.9	10.2	11.1	11.8	13.8
60	45	36	21	4		25	45	60

06.6	06.0	05.6	05.0	04.8	04.6	04.3	03.4	02.1
8.5	9.1	9.5	10.1	10.3	10.5	10.8	11.7	13.0
60	54	35	20	9		23	45	60

05.9	05.0	04.9	05.1	06.0	06.6	05.5	04.3	03.4
9.2	10.1	10.2	10.0	9.1	8.6	9.6	10.8	11.7
60	48	28	12		18	33	50	60

04.7	04.7	05.2	05.5	06.9	08.0	09.5	09.9	08.7	05.1	04.3
10.4	10.4	9.9	9.6	8.2	7.1	5.6	5.2	6.4	9.4	10.8
60	47	29	19	9		12	23	36	50	60

03.0	04.2	05.4	07.3	08.1	09.2	09.4	08.9	06.2	03.8
12.1	10.9	9.7	7.8	7.0	5.9	5.7	6.2	8.9	11.3
60	40	25	7		11	22	32	45	60

Sta + π - Elev.

1015.12

10+75

11

2.25 1004.98 12.39 1002.73 11+25 $\neq$

+50

+82

+96 $\neq$ Ditch

12

7.6

$\neq$

+05

Lt.

Aug. 2, 1965 Rt. 29

0.2	0.4	0.7	0.5	0.1	0.1	0.1	0.9	0.8	0.2
12.9	12.7	11.4	10.0	8.1	8.0	8.4	10.2	12.3	12.1
60	56	38	24	4		16	33	50	60

0.1	0.0	0.0	0.4	0.4	0.4	0.3	0.9	0.1
15.4	14.3	13.1	10.8	10.7	10.8	12.1	13.2	13.4
60	45	32	8		13	32	50	60

0.0	0.1	0.6	0.6	0.8	0.5	0.1
7.0	7.1	5.4	4.4	3.6	3.2	4.5
60	57	34	17		22	42

0.4	0.0	0.7	0.0	0.5	0.1	0.1	0.3	0.7
7.6	8.0	7.3	7.0	6.5	5.9	5.9	6.7	7.3
50	45	33	18	13		18	40	60

0.7	0.8	0.8	0.4	0.9	0.9	0.9	0.9	0.2
8.3	8.2	8.2	8.6	9.1	9.1	9.1	9.1	8.8
49	28	18	8		19	36	49	60

0.5	0.9	0.6	0.5	0.1	0.9	0.5	0.9	0.2
7.5	7.1	6.4	5.5	5.9	7.1	8.5	9.1	8.8
60	48	33	13		22	34	46	60

Sta	+	π	-	Elev
		1004.98		

12+50

13

+50

14

TP	8.43	1009.28	4.13	1000.85
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+25

+50

TP	4.45	1009.55	4.18	1005.10	£	£
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Aug. 2, 1965

30

97.9	98.3	99.6	00.1	00.2	99.0	91.8	96.7	96.0
7.1	6.7	5.5	4.9	4.8	6.0	7.2	8.3	9.0
60	53	38	19		24	37	50	60

99.8	99.6	99.6	99.1	98.7	97.8	96.9	95.9	95.5
5.2	5.4	5.4	5.9	6.3	7.2	8.1	9.1	9.5
60	51	34	16		21	35	50	60

03.2	02.5	00.6	99.3	98.7	97.7	96.1	95.6	95.6
1.8	2.5	4.4	5.7	6.3	7.3	8.9	9.4	9.4
60	53	31	14		12	30	47	60

06.0	03.6	04.0	01.4	00.6	00.2	99.9	00.1	00.0
11.0	1.4	1.0	3.6	4.4	4.8	5.1	4.9	5.0
60	48	45	15		22	43	50	60

03.0	01.7	00.3	99.0	98.8	98.0	97.1	96.8	96.4
2.0	3.3	4.7	6.0	6.2	7.0	7.9	8.2	8.6
60	47	31	11		17	35	50	60

99.1	98.4	99.2	00.6	02.3	02.9
5.9	6.6	5.8	4.4	2.7	2.1
34	30	27	16		6

99.6	00.3
5.4	4.7
49	60

Sta + A - Elev.

1009.55

14+50

+65 shoulder Line

+75 ϕ

✓

BM

3.34 1006.21 (1006.20)

BM 9.13 1033.50

1024.37

TBM

9.02 1024.48

3.34 1016.21

Lt.

Aug 3, 1965

RT

01.4	04.3	03.1
2.2	5.3	6.5
20	43	60

00.4	01.8	02.1	04.0	04.8	05.6	06.2	06.3	06.3
92	78	69	56	4.8	4.0	3.4	3.3	3.3
76	53	36	15		17	40	50	60

99.9	00.9	02.1	03.1	04.3	05.1	06.1	06.4	06.3	06.1
9.7	8.7	7.5	6.5	5.3	4.45	3.5	3.2	3.3	3.5
100	77	52	35	16		26	50	75	100

98.6	98.5	98.9		3.6	4.8	5.4
11.0	11.1	10.7		6.0	4.8	4.2
150	200	250		250	200	150

Spike in PP With 2 Guy Wires

STATE B.M. 1002.85

LAKE 988.09

P.K. 1002.82

SOUTH SIDE

WEST ENT 10'-15'