

MISCELLANEOUS
NOTES AND SURVEYS

**RAMSEY COUNTY
RECREATION GROUNDS
(KELLER PARK)**

File N^o 10

Lake Imp.
Ramsey County Recreation Crs.
X sections of Swamp.

Office of Ramsey Co., Engineer
ST. PAUL, MINN.

Date Filed 10

File No. 8-27-27

Sta.	+ H.I.	-	Red	Elev.
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11.62	869.02 ✓		857.40 ✓	
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11.04	877.28 ✓	0.78	868.24 ✓	
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12.82	870.47 ✓	1.63	777.65 ✓	
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8.38	877.89 ✓	0.96	889.51 ✓	
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B.M.		6.82	891.07 ✓	
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0+00		93.0		
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0+85		93.5		
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1+30		93.8		
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2+20		94.5		
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3+00		95.1		
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T.P.	0.74	886.17 ✓	12.48	885.41 ✓
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0+00				
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0+85				
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1+30				
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2+20				
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3+00				
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T.I.	1.53	874.84 ✓	12.84	873.33 ✓
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Elev. of Keller Lake 8-19-27.

Spt. in G. 1 Pole S. W. Cor. Keller 10KV. & S. T. H. # 1.

10.6	8.8	7.2	5.9	5.4	5.0	5.2	6.4	6.4	5.5	
89	63	42	20	12	4.94	12	17	22	23	17

893.3

8.6	5.4	5.2	4.7	4.6	4.5	3.8	2.8	11.7
46	37	12	12	4.40	12	20	23	33

12.0	6.1	4.5	4.5	4.2	4.2	7.2	10.8	
48	24	18	12	4.12	12	18	28	38

12.4	2.5	3.7	3.5	3.3	4.3	4.4	8.0	12.8	
34	18	12	3.38	12	19	22	36	53	74

12.4	2.9	3.0	3.1	3.1	6.1	7.5	9.9	
26	17	12	28	12	19	36	51	64

130	92
130	114

+6.8

10.1	5.0
90	28

+7.3

4.9	4.7
82	41

+7.6

13.0	5.9
65	50

+8.3

12.4	7.3	3.9
64	37	44

+6.6

Sta. + H.I. - Rod Elev.

874.86 ✓

0+00

0+85

1+30

0.83 870.67 ✓ 5.02 867.84 ✓

2+20

1.12 869.20 ✓ 2.57 868.08 ✓

3+00

B.M.

11.80 857.40 ✓

B.M.

10.94 902.01 ✓ 891.07 ✓

T.P.

2.80 903.69 ✓ 1.12 900.89 ✓

0+00

0.72 892.67 ✓ 11.74 891.95 ✓

0+00

0+85

1+30

2+20

3+00

T.P.

7.98 899.93 ✓ 0.72 891.95 ✓

B.M.

8.84 891.07 ✓

10.3	7.3	7.1	4.6	+15.1
200	189	167	149	

11.0	13.3	13.1	12.9	11.0	+18.6
220	194	177	141	125	

→ Shore Line
Top of Water.

17.5	14.9	11.1	11.1	11.4	12.8	11.6	6.4	+18.9
198	192	170	157	148	133	108	96	

→ Shore Line.

13.4	9.0	7.0	6.6	8.6	8.5	7.8	+23.8
157	148	135	117	110	94	85	

→ Shore Line

11.8	8.6	6.6	6.3	7.2	7.4	6.7	+25.9
151	142	130	123	115	102	90	

Water Elev,

10.7	1.8	4.0	10.2
	56	52	81

Above H.L.

+0.3	5.2	6.6	7.1	6.0	4.0	0.9	+0.1
	100	136	172	188	208	229	245

+0.8	10.6	11.6	11.2	11.1	11.6	11.6	11.5
	53	66	100	150	200	250	304

+1.1	11.4	11.4	11.5	10.9	11.2	11.3	11.6	10.8
	52	70	100	150	200	250	300	310

+1.8	11.2	11.9	11.3	11.8	11.6	11.6	10.9	5.2
	87	100	150	200	250	300	304	316

+2.4	12.2	11.5	11.6	11.9	11.9	11.8	11.9	7.8
	90	100	150	200	250	300	307	315

Sta.	T	H.I.	-	Mod	Elev.
B.M.	8.62	899.69	✓	891.07	✓
3+70				95.5	

4+60				96.1	
T.P.	1.08	888.52	✓	12.25	887.44 ✓
3+70					

4+60					
T.P.	1.03	876.71	✓	12.84	875.68 ✓
T.P.	2.31	866.12	✓	12.70	863.81 ✓
3+70					

4+60					
B.M.				8.72	857.40 ✓
B.M.	9.50	900.57	✓		891.07 ✓
5+40					96.3

6+00					96.5
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6+80					96.7
T.P.	2.45	891.10	✓	11.92	888.65 ✓
3+70					

4+60

5+40

<u>12.8</u>	<u>10.3</u>	<u>4.2</u>	<u>4.40</u>		<u>4.4</u>	<u>4.4</u>	<u>5.6</u>	<u>6.0</u>	<u>7.3</u>	<u>10.6</u>
42	30	19	12	4.15	12	18	23	31	44	61

<u>8.7</u>	<u>5.6</u>	<u>3.7</u>	<u>3.5</u>		<u>3.3</u>	<u>3.7</u>	<u>4.8</u>	<u>4.1</u>	<u>2.0</u>	<u>3.1</u>	<u>8.9</u>
44	30	21	12	3.60	12	18	22	24	28	36	54

<u>12.8</u>	<u>8.5</u>	
71	63.	(+7.0)

<u>10.4</u>	<u>4.0</u>	
83	67	(+7.6)

→ shore line.

<u>8.7</u>	<u>5.3</u>	<u>3.6</u>	<u>4.6</u>	<u>4.6</u>	<u>5.2</u>	<u>2.2</u>	
164	148	138	132	117	100	94	(+29.4)

→ shore line.

<u>8.7</u>	<u>8.1</u>	<u>5.3</u>	<u>5.3</u>	<u>4.3</u>	<u>4.6</u>	<u>3.4</u>	
182	179	172	160	154	154	115	(+30.0)

	<u>4.80</u>	<u>4.8</u>	<u>6.0</u>	<u>6.6</u>	<u>10.5</u>
4.32	12	19	22	27	40

	<u>4.7</u>	<u>4.4</u>	<u>7.4</u>	<u>11.1</u>
4.16	12	19	24	33

	<u>4.3</u>	<u>4.1</u>	<u>6.3</u>
3.85	12	14	28

	<u>6.6</u>	<u>10.0</u>	<u>10.0</u>	<u>9.6</u>	<u>10.0</u>	<u>10.0</u>	<u>8.2</u>	<u>2.4</u>
(+4.4)	84	94	150	200	150	275	303	315

	<u>5.0</u>	<u>9.3</u>	<u>10.2</u>	<u>7.9</u>	<u>10.0</u>	<u>7.8</u>	<u>10.2</u>	<u>7.3</u>	<u>3.3</u>
(+5.0)	78	86	89	150	200	250	270	274	291

	<u>6.9</u>	<u>9.8</u>	<u>7.7</u>	<u>10.2</u>	<u>7.8</u>	<u>7.8</u>	<u>7.6</u>	<u>3.1</u>
(+5.2)	60	70	100	150	200	241	256	270

Sta. + H.I. ~ Rod Elev

891.10 ✓

6700

6780

2.44 891.09 ✓ 2.45 888.65 ✓

6700

10.88 899.53 ✓ 2.44 888.65 ✓

B.M.

8.45 891.08 ✓

T.P.

4.04 892.69 ✓ 888.65

11.47 881.22 ✓

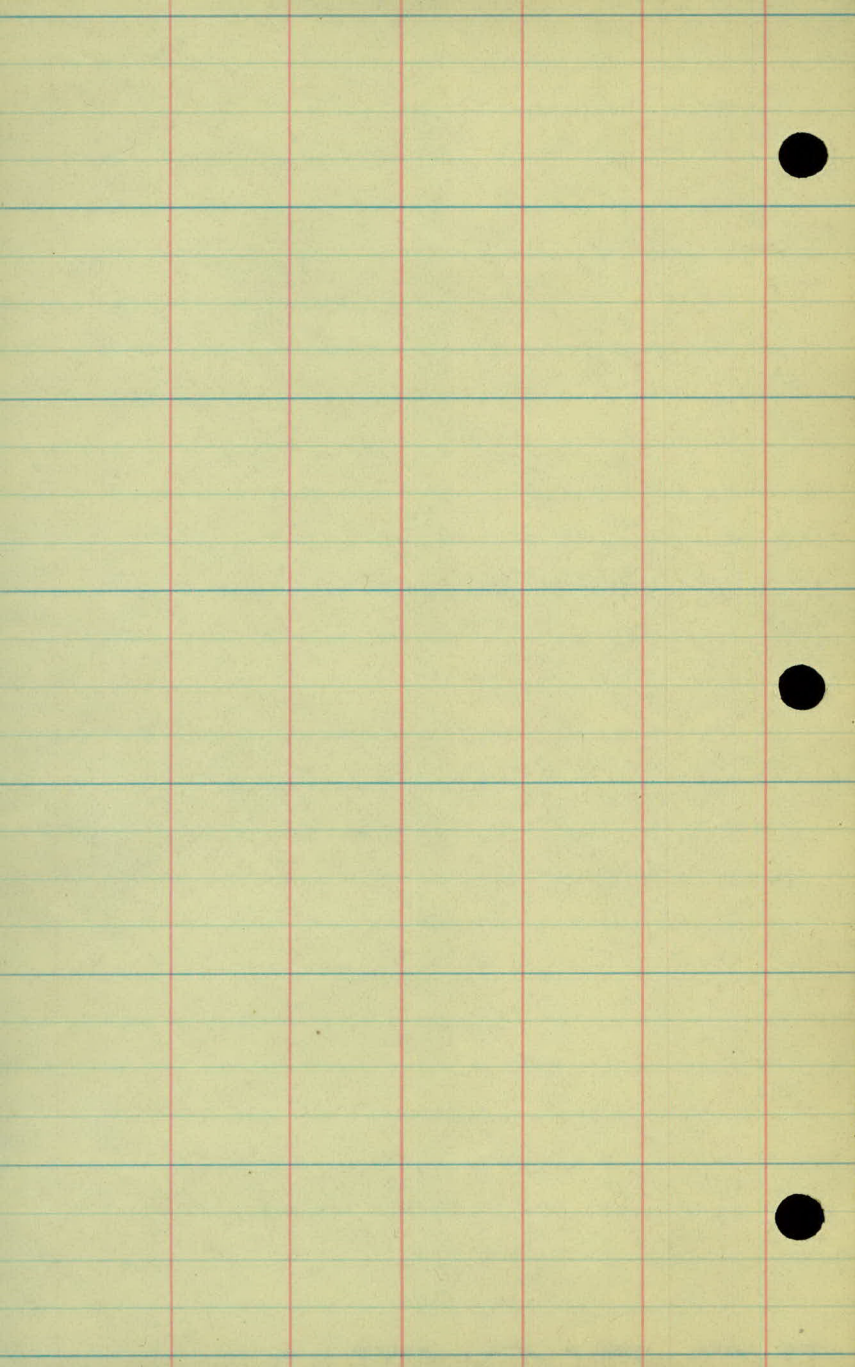
(+5.6)

5.4 6.3 8.2 8.3 8.3 6.9 9.0 1.0
44 69 104 130 153 168 181 213

(+5.4)

6.0 9.8 10.1 9.8 10.0 9.8 8.1 2.8
50 78 108 150 100 217 250 245

881.2 = Elev. Top of Water in Swamp. 8-30-27



Soundings of Swamp.

Sounding # 1. 150' Rt. Sta. 6+00.

0' to 13' Peat.

13' to Sand.

Sounding # 2 105' Rt. Sta. 3+70.

0' to 11' Peat.

11' to Sand.

Sounding # 3 160' Rt. Sta. 3+70.

0' to 20+ Peat.

Sounding # 4 280' Rt. Sta. 3+70.

0' to 9' Peat.

9' to Sand.

Sounding # 5 100' Rt. Sta. 2+20.

0' to 4' Peat.

4' to Sand.

Sounding # 6 250' Rt. Sta. 2+20

0' to 20+ Peat.

Sounding # ⁷~~8~~ 290' Rt. Sta. 2+20.

0' to 9' Peat.

9' to Sand.

Sounding # ⁸~~9~~ 200' Rt. Sta. 0+85

0' to 20+ Peat.