

BK. BK. 53 Dr. 12A

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Profile Levels.....Survey

Noma St.

From Frost Ave. To Kennard St.

Slope Stakes 10-28-47

Road Acc't. No.

Date Filed 8-3-48

File

1

Profile Levels

NONA ST.

Frost Ave. to Kennard St.

 indicates old grade stakes

6 Pages.

Swing up.

Oct 24-47
W9/13

Sta	+	π	-	Elev
B.M.	10.78	918.58		(907.80)

0 +00 = E Frost Ave.				906.56
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+20				06.3
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+27				04.8
-----	--	--	--	------

+33				05.1
-----	--	--	--	------

+38				06.3
-----	--	--	--	------

+62				12.2
-----	--	--	--	------

+67				
-----	--	--	--	--

1				11.1
---	--	--	--	------

K.A.
A.M.
M.B.

10-21-97

2

Spt. in P.P. S.E. Cor. Prosperity & Frost.

12.02

12.3

13.8

13.5

12.3

909.8
8.8
50

6.4

12.0
6.6
50'

63.9
6.0

10.1
8.5
50

7.5

11.6
7.0
~~5.0~~
50'

Sto.	+	π	-	Elev
		918.58		

1 + 40

13.3

+70

16.8

T.P.

+84

T.P.	7.95	924.37	2.16	916.42
------	------	--------	------	--------

2

20.4

+28

22.5

+34

+59.6 I = P.C.

20.4

+84

L

E

R

12.7

59

50

53

14.0

46 L.O.

35

16.5

2.1

50

1.8

17.3

13

50

C.2.8
0.0

20.7

3.7

50

4.0

20.1

43

50

21.8

2.6

50

1.9

21.7

2.7

50

C.3.9
2.2

20.3

4.1

50

4.0

18.9

55

50

C.0.6
6.3

Sta.	+	π	-	Elev.
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924.37

3

16.8

+50

13.7

+86

4

12.8

+35

+60 ± = P.T.

12.3

5

13.0

+36

27546
14921
41517

4

L

E

R

16.3
8.1
50

76

14.2
10.2
50

13.6
10.8
50

10.7

11.4
13.0
50

F.13
11.2

17.0
7.4
50

11.6

10.8
13.6
50

F.08
12.2

16.8
7.6
50

12.1

13.0
11.4
50

16.2
8.2
50

11.4

13.8
10.6
50

C.1.2
10.4

Sta	+	π	-	Elev
		929.31		

5	+50			14.3
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6				12.7
T.P.	8.14	921.34	11.17	913.20'

+35

	+50			11.4
--	-----	--	--	------

7				12.0
---	--	--	--	------

+35

	+50			13.3
--	-----	--	--	------

8				15.6
---	--	--	--	------

L

E

R

15.0

94

50

10.1

14.2

102

13.9

105

50

11.7

13.1

113

50

F.O.T
9.8

12.2

91

50

9.9

11.9

94

50

11.6

97

50

9.3

12.8

85

G.O.T
8.6

Lower than 50

13.6

77

50

8.0

13.9

74

50

14.6

67

50

5.7

16.0

53

50

Sta	+	π	-	Elev
		921.34		

8	+35			
---	-----	--	--	--

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

				14.2
--	--	--	--	------

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

				13.5
--	--	--	--	------

	+35			
--	-----	--	--	--

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

				13.4
--	--	--	--	------

10				
----	--	--	--	--

				12.8
--	--	--	--	------

	+35			
--	-----	--	--	--

				11.0
--	--	--	--	------

	+88 ⁺	Approx Kernard		
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				09.0
--	--	--	--	------

B.M.				
B.M.				

893	912.41
13.17	908.17

L

E

R

Lower than 50'

0.27
69

16.0
53
50

71

15.8
55
50

16.6
4.7
50

7.8

15.3
6.0
50

0.27
79

17.3
4.0
50

7.9

14.0
7.3
50

20.0
1.3
50

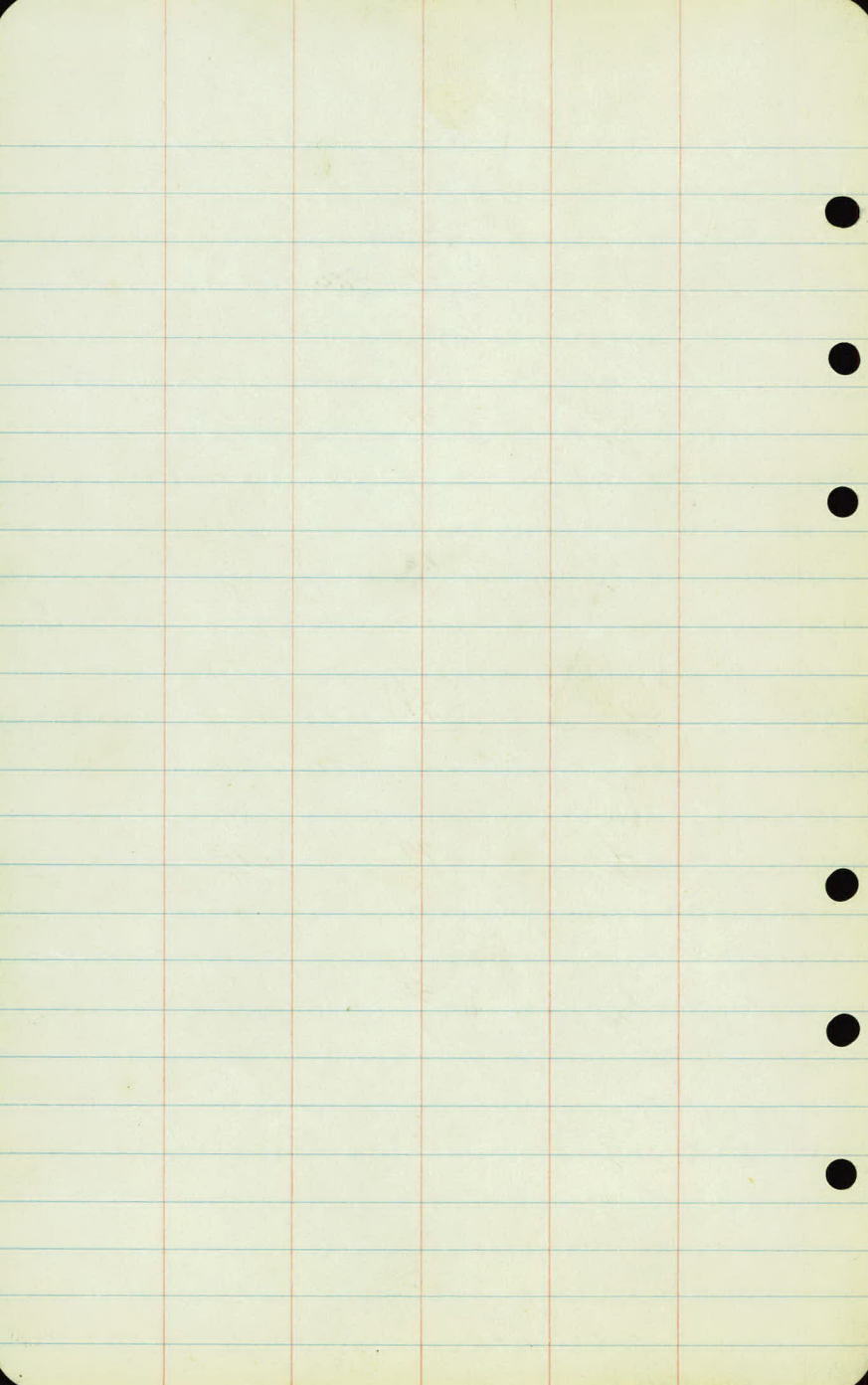
8.5

17.7
36
50

0.00
10.3

123

Top Iron SW Cor Nona & Kennard Sts.
Drill Hole @ Pav. Kennard & Frost Av.



Slope stakes

Nona St.

Frost Ave to Kennard St.

Sta.	P.G.	P.G.R.	Sh.G.R.
B.M.	10.58	918.38	(907.80)

0	+00	06.56	11.82
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	+33	06.2	12.2	12.7
--	-----	------	------	------

	+62	06.6	11.8	12.2
--	-----	------	------	------

		08.3	10.1	10.6
--	--	------	------	------

	+50	12.4	6.0	6.5
--	-----	------	-----	-----

T.P.		816	923.82	272	915.66
------	--	-----	--------	-----	--------

		15.8	8.0	8.5
--	--	------	-----	-----

	+28	16.9	6.9	7.4
--	-----	------	-----	-----

	+59	17.5	6.3	6.8
--	-----	------	-----	-----

K.A.
A.M.
M.B.

10-28-47

L

E

R

Spk. in P.P. SE Cor. Prosperity & First Ave's.

158' / $\frac{-04}{131}$

133

$\frac{-06}{133} / 16.2'$

250' / $\frac{0.50}{7.2}$

6.2

$\frac{0.61}{61} / 27.2'$

202' / $\frac{0.26}{8.0}$

7.2

$\frac{0.38}{68} / 22.6'$

194' / $\frac{0.22}{4.3}$

3.8

$\frac{0.33}{32} / 21.6'$

Top slope stake rd. 1450

250' / $\frac{0.50}{3.5}$

3.4

$\frac{0.41}{33} / 23.2'$

268' / $\frac{0.59}{1.5}$

1.4

$\frac{0.57}{17} / 26.4'$

220' / $\frac{0.35}{3.3}$

3.5

$\frac{0.28}{40} / 20.6'$

Sta. P.G. P.G.R. Sh.G.R. Elev
923.82

3 17.1 6.7 7.2

-242

+35 15.8 8.0 8.5

M. =

+50 P.G. V.G.

+70 15.4 8.4 8.9

4 14.9 8.9 9.4

+50 14.0 9.8 10.3

5 13.7 10.1 10.6

T.P. 6.36 919.59 10.59 913.23

J.P.T. V.G.

+50 13.2 6.4 6.9

6 13.0 6.6 7.1

L

E

R

$$\begin{array}{r} \text{BT} \\ 150' / 72 \\ 74 \end{array}$$

7.1

$$\begin{array}{r} \text{BT} \\ 72 \\ 74 / 150' \end{array}$$

$$188' / \text{F1.9} \\ 104$$

10.2

$$\begin{array}{r} \text{F2.1} \\ 106 / 192' \end{array}$$

$$180' / \text{F1.0} \\ 99$$

10.7

$$\begin{array}{r} \text{F2.3} \\ 112 / 196' \end{array}$$

$$166' / \text{F0.8} \\ 102$$

$$\begin{array}{r} \text{F2.3} \\ 112 \end{array}$$

$$\begin{array}{r} \text{F2.5} \\ 119 / 200' \end{array}$$

$$162' / \text{F0.6} \\ 109$$

11.5

$$\begin{array}{r} \text{F1.3} \\ 116 / 176' \end{array}$$

$$150' / \text{BT} \\ 106$$

10.9

$$\begin{array}{r} \text{BT} \\ 106 / 150' \end{array}$$

$$174' / \text{C1.2} \\ 57$$

5.5

$$\begin{array}{r} \text{C1.7} \\ 52 / 184' \end{array}$$

$$158' / \text{C0.4} \\ 67$$

$$\begin{array}{r} \text{F0.5} \\ 71 \end{array}$$

$$\begin{array}{r} \text{F0.4} \\ 75 / 158' \end{array}$$

Sta	P.G.	P.G.R.	Sh. G.R.	Elev.
		919.59		

6	+50	12.9	6.7	7.2
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7		12.7	6.9	7.4
---	--	------	-----	-----

	+50	12.5	7.1	7.6
--	-----	------	-----	-----

8		12.4	7.2	7.7
---	--	------	-----	-----

	+50	12.2	7.4	7.9
--	-----	------	-----	-----

9		12.0	7.6	8.1
---	--	------	-----	-----

	+50	11.9	7.7	8.2
--	-----	------	-----	-----

10		11.7	7.9	8.4
----	--	------	-----	-----

L

E

R

15.8' / F04
76

81

F1.4 / 17.8'

15.6' / C0.8
71F0.6
75F0.5
79 / 15.0C0.0
75 / 15.018.2' / C1.6
60

62

C1.4
6.2 / 17.8'23.0' / C4.0
37130
4.2C3.2
45 / 21.4'24.2' / C4.6
33

54

C1.9
6.0 / 18.8'23.4' / C4.2
39H.6
60C1.3
6.3 / 17.6'22.2' / C3.6
46

6.2

C1.6
6.6 / 18.2'20.6' / C2.8
56E1.0
69C1.1
73 / 17.2'

Sta.	P.G.	P.G.R	Sh.G.R.	Elev.
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919.59

10	+35	11.6	80	8.5
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+56	11.5	8.1	8.6
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+88	11.4	8.2
-----	------	-----

B.M.			7.18	912.41	912.41
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L

E

R

$$\frac{6.00}{8.5/15.0}$$

$$17.0' / \frac{6.10}{7.5}$$

8.7

$$\frac{F0.6}{9.1/16.2'}$$

$$15.0' / \frac{6.00}{8.6}$$

9.7

$$\frac{10.3}{2.1}$$

$$\frac{F2.4}{10.6}$$

Top 100 S.W. Cor. Nona & Kennard

9/2.41

