

BK. 21 Dr. 13 BK. 29 Dr. 13

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Slope Stakes Survey

Alley

From 6th St. To 7th St.

Between

4th Ave. & 5th Ave.

Road Acc't. No.

Date Filed 8-3-48

File _____

Slope stakes

Alley - from 6th to 7th St.
Between 4th & 5th Ave's

New Brighton

Sta	+	π	-	Grade
B.M.	1.13	923.20		(918.78)

0	+00			18.8
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	+50			17.5
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1				15.9
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	+50			14.3
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2				12.8
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	+50			11.9
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T.P.	4.61	917.38	10.43	912.77
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3				11.7
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	+50			11.5
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8-2-46

Gr. Bed Lt.

Gr.

E Par. at 0+10

4.4

5.7 ✓

7.3 ✓

8.9 ✓

10.4 $7 \frac{9.5}{10.6}$ $\frac{B.T}{10.1}$
6

11.3 $7 \frac{10.2}{10.8}$ $\frac{10.7}{10.3} / 7.0$

5.7 $7 \frac{15.0}{10.4}$ $\frac{50}{10.4} / 7'$

5.7 $7 \frac{50}{10.6}$ $\frac{55}{10.1}$

Sta	+	π	-	Grade
		917.38		

4				11.4
T.P.	2.81	917.37	2.82	914.56

+50				11.2
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5				11.1
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+50				10.9
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6				10.8
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+33.0				10.7
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B				
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B.M.				
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916.48

Gr. Rod.

chk. on
B.M.

6.0 Nail in P.P. rt sta. 44

$$7' \frac{50}{10.7}$$

$$\frac{4.5}{11.2} / 7'$$

$$914.36$$

$$+ 2.72$$

$$917.28$$

$$- .77$$

$$916.51$$

$$6.2 \quad 7' \frac{47}{11.2}$$

$$\frac{3.5}{12.8} / 10'$$

$$6.3 \quad 7' \frac{41}{11.9}$$

$$\frac{3.3}{12.7} / 5.0$$

$$6.5 \quad 7' \frac{39}{12.3}$$

$$\frac{3.5}{12.7} / 7.0'$$

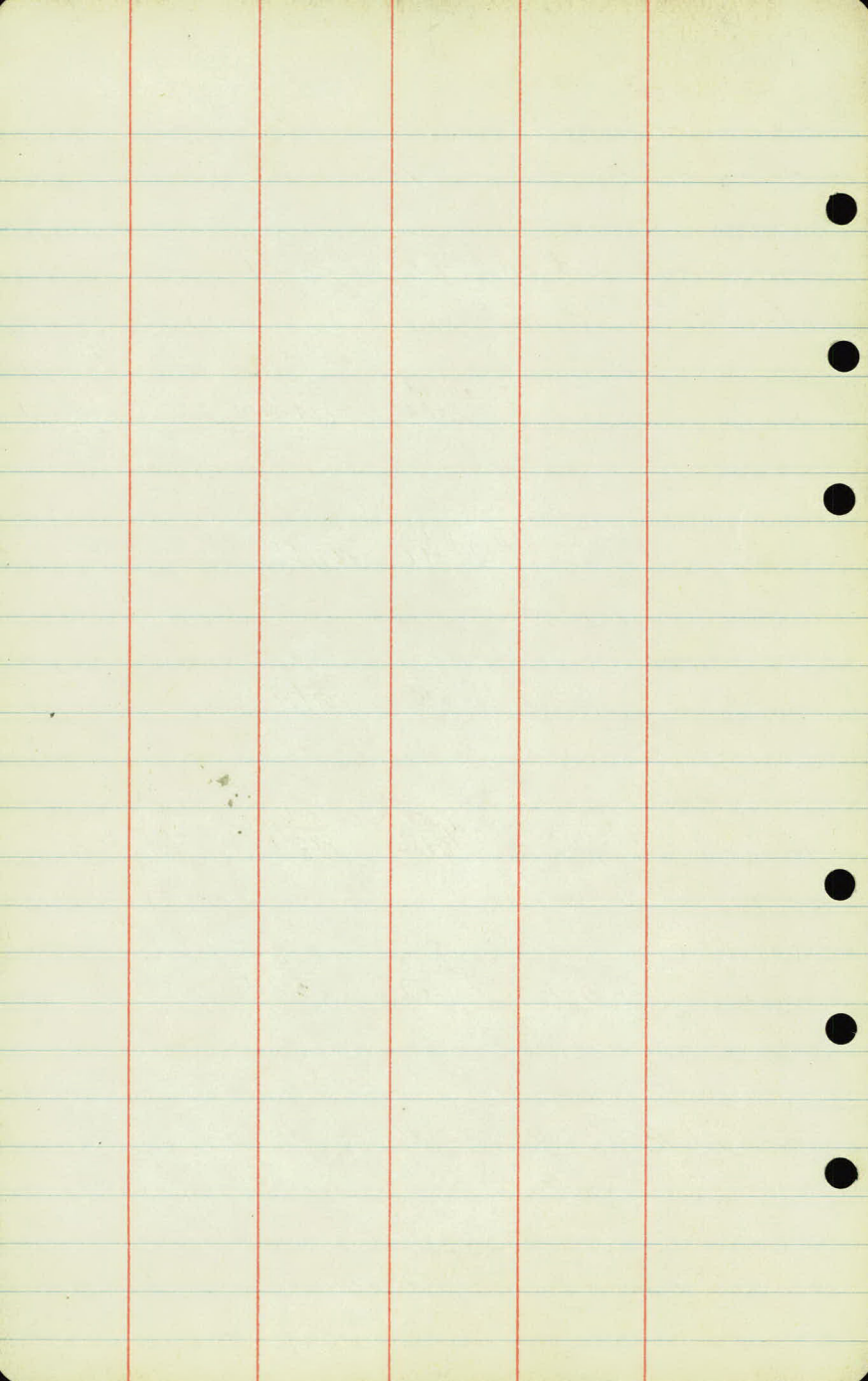
$$6.6 \quad 7' \frac{35}{11.2}$$

$$\frac{3.7}{12.6} / 7.0'$$

$$6.7 \quad 7' \frac{62}{10.2}$$

$$\frac{5.8}{10.6} / 7.0'$$

Top Hyd at 4th Ave. & 7th St.



8th St. New Brighton

S.W. Grad

Sta.

30' Bt.

0 +30	96.11
+50	95.07
+75	93.77
1	92.47
+25	91.17
+50	89.88

7. These new sidewalk grades will fit present s.w. on S side of street. Curb grades should be raised to meet s.w. grades.

