

Dr: 8 - Bk. 123

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

.....Survey

.....SCHOOL DISTRICTS.....

From To

Road Acc't. No.

Date Filed..1937.....

File

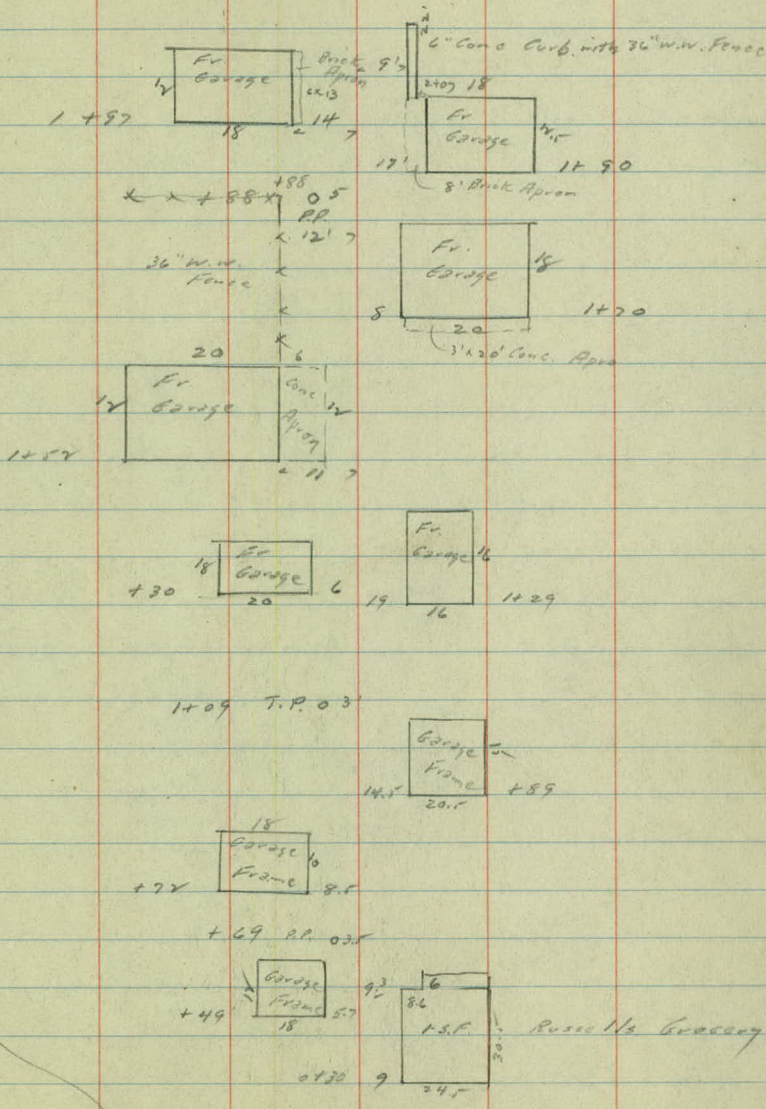
School Dist. # 17

Proposed alley grading between
Lone & Spring Sts. & Eustis -
Malvern Sts.

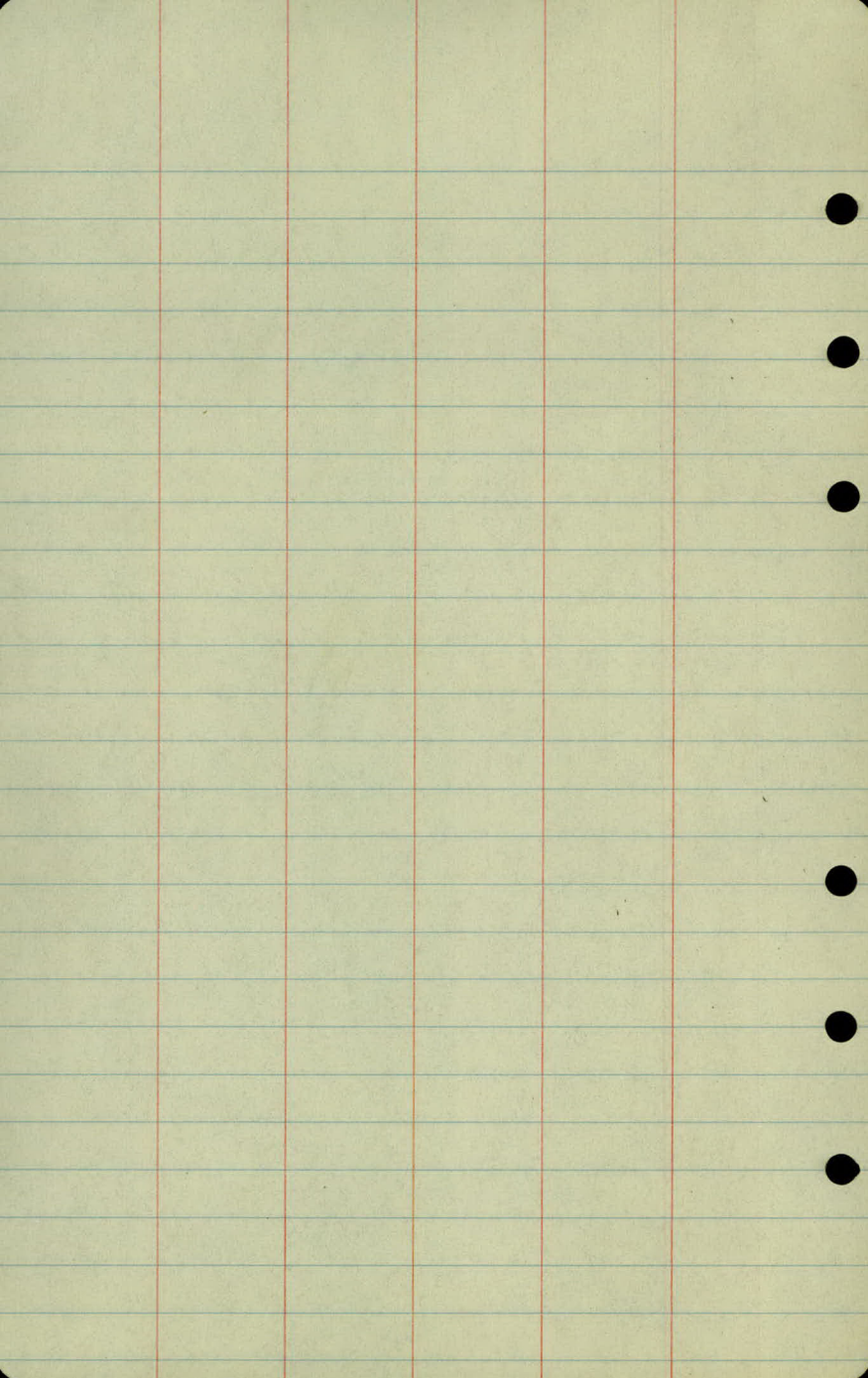
11/4/37

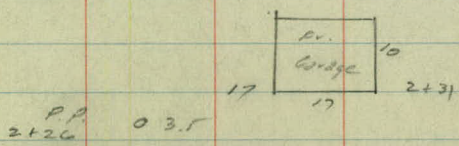
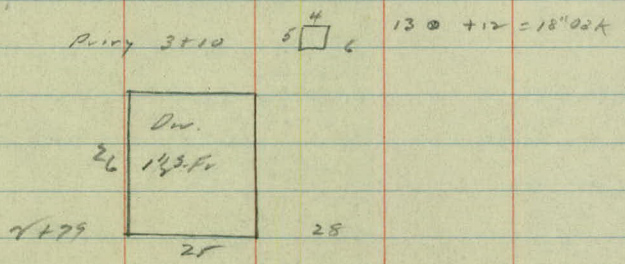
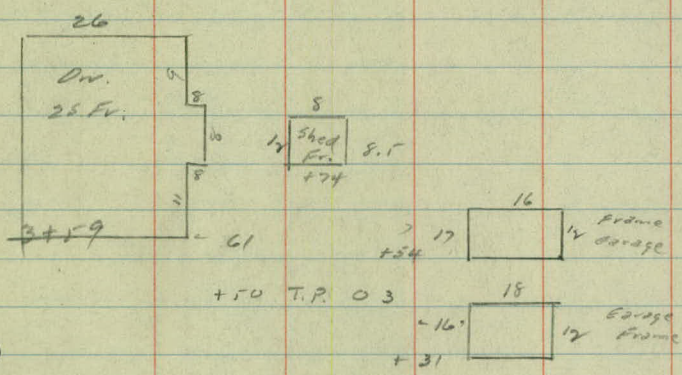
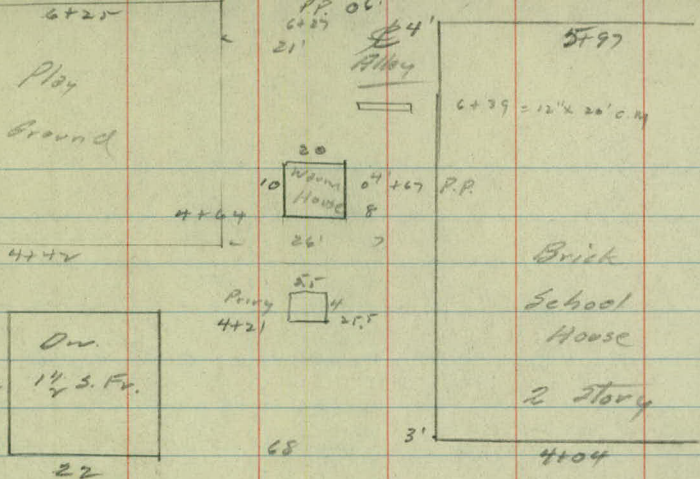
0400 = 4 1000 St.

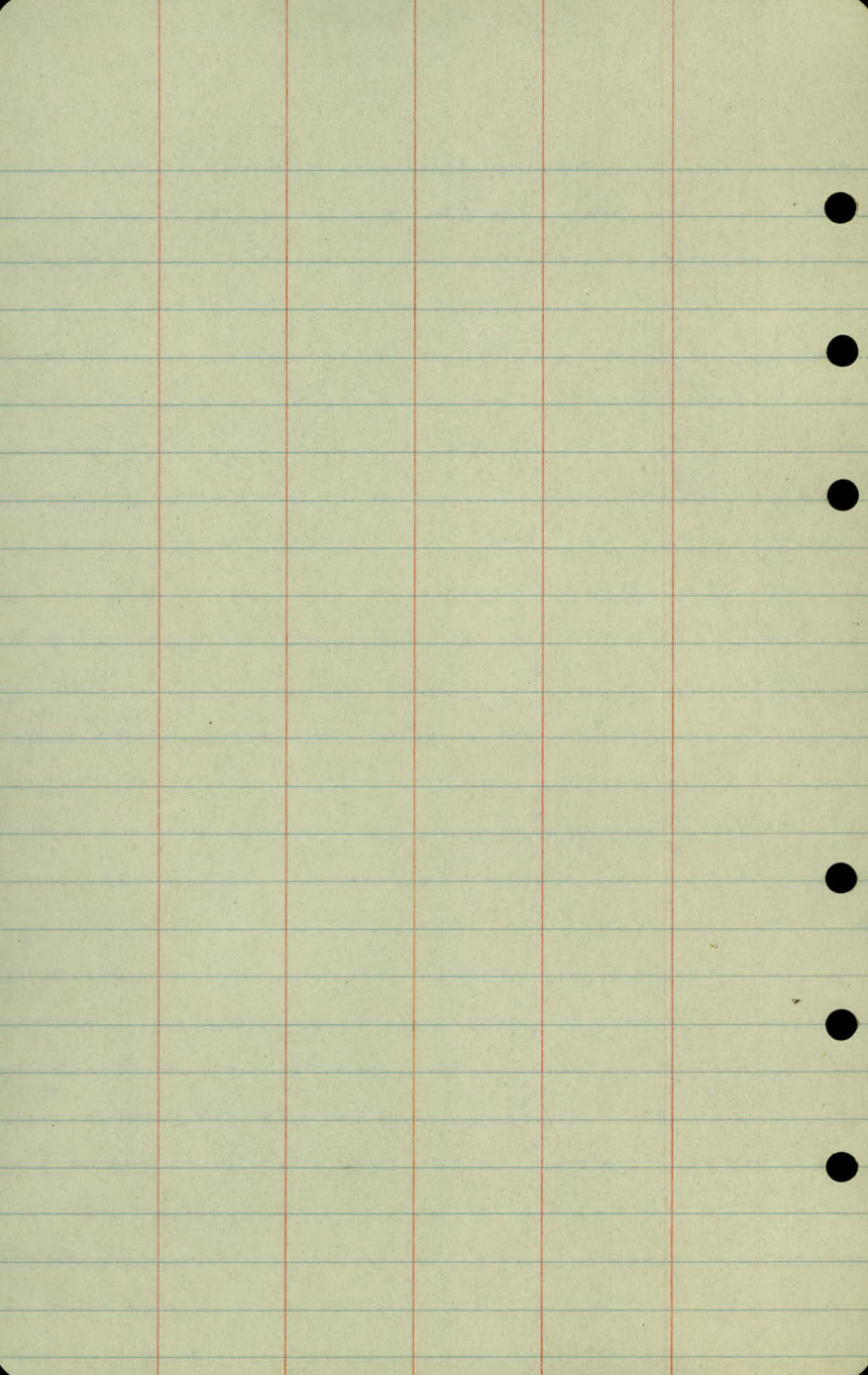
Alley
↑
No

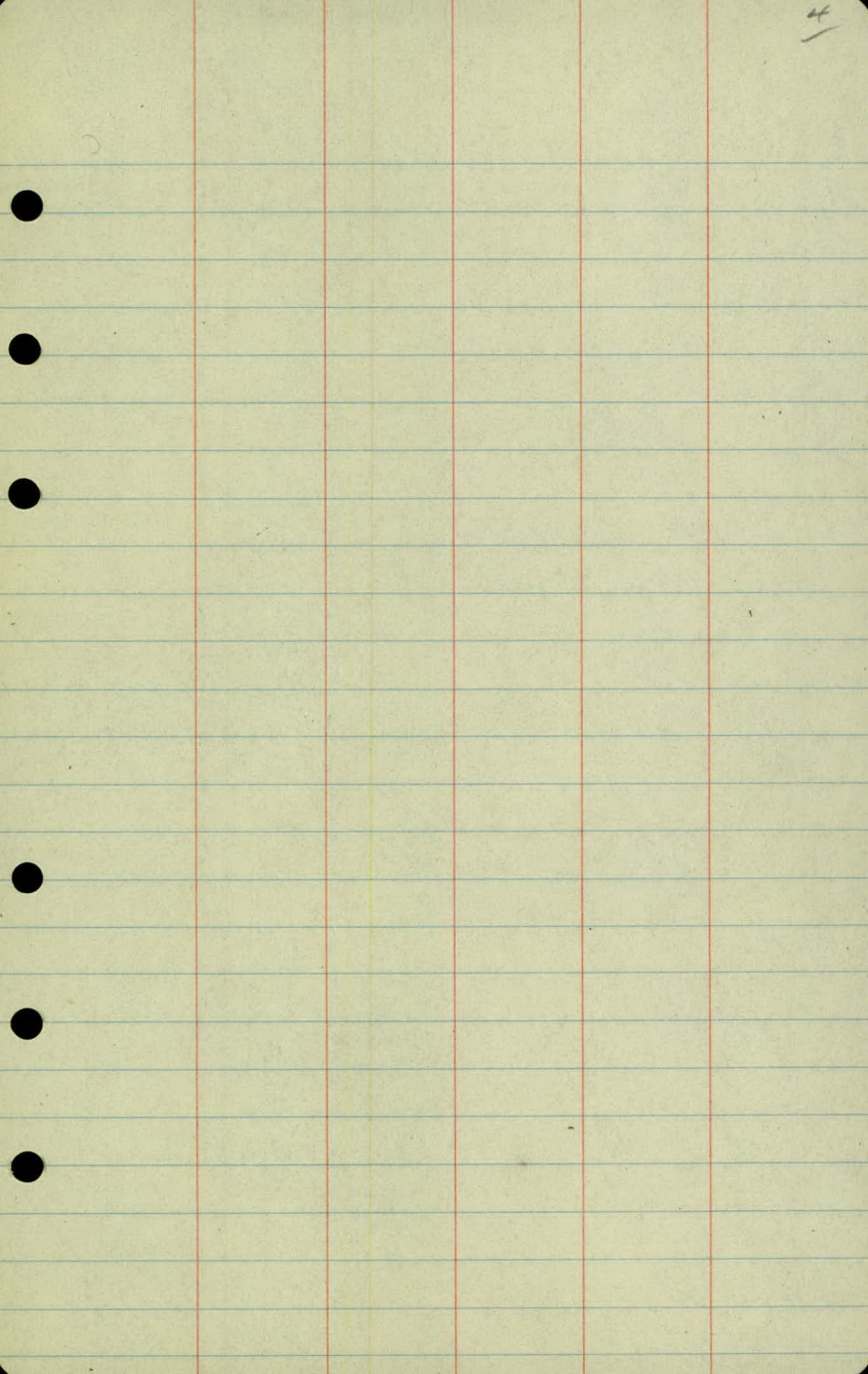


Long St.









Sta	+	π	-	Elev.
B.M.	1.24	✓ 101.24		100.00

0+00				✓ 96.1
------	--	--	--	-----------

+20				96.1
-----	--	--	--	------

+25				✓ 96.0
-----	--	--	--	-----------

T.P.	4.93	✓ 101.74	4.43	✓✓ 96.81
------	------	-------------	------	-------------

+70				✓ 96.6
-----	--	--	--	-----------

1				✓ 96.7
---	--	--	--	-----------

T.P.	4.86	✓ 101.67	4.93	✓ 96.81
------	------	-------------	------	------------

1+10				✓ 96.6
------	--	--	--	-----------

T.P.	4.67	✓ 101.48	4.86	✓ 96.81
------	------	-------------	------	------------

+50				✓ 96.6
-----	--	--	--	-----------

T.P.	4.42	✓ 101.23	4.67	✓ 96.81
------	------	-------------	------	------------

+90				96.3
-----	--	--	--	------

2				96.3
---	--	--	--	------

5

4.9

575 + K - Elev.

101.23

T.P. 4.13 100.94 4.45 96.81

2+28 95.8

T.P. 4.63 101.44 4.13 96.81

2+73 96.5

3 96.6

T.P. 4.65 101.46 4.63 96.81

+08 96.4

T.P. 0.68 100.68 1.46 100.00

3+55 95.7

T.P. 3.49 103.49 0.68 100.00

3+90 96.0

4 98.9

T.P. 2.61 102.61 3.49 100.00

+35 98.8

T.P. 3.46 103.46 2.61 100.00

5 98.9

+50 99.0

T.P. 2.65 102.65 3.46 100.00

6 98.5

Sta.	+	T ₁	-	Elev.
		↓		
		102.65		

+ 14				98.1
------	--	--	--	------

+ 31				95.7
------	--	--	--	------

+ 40				94.5
------	--	--	--	------

6+58.88				94.2
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Top of Water Table.	}	School House.
" " Window Sill.		
Rear Entrance Door Sill.		

B.M.	2.65	✓	100.00
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Lt.

E

Rt.

7

$$\frac{103}{162} \frac{104}{150} \frac{116}{146} \frac{79}{137} \frac{76}{100} \frac{76}{50} \frac{70}{18} \frac{50}{13} \frac{46}{50} \frac{46}{50} \frac{51}{100} \frac{55}{736}$$

$$\frac{109}{163} \frac{108}{150} \frac{120}{145} \frac{79}{136} \frac{76}{100} \frac{74}{50} \frac{68}{7} \frac{70}{9} \frac{54}{9} \frac{53}{50} \frac{54}{100} \frac{53}{136}$$

$$\frac{124}{145} \frac{118}{100} \frac{105}{50} \frac{99}{9} \frac{85}{7} \frac{82}{5} \frac{83}{10} \frac{91}{11} \frac{82}{50} \frac{69}{100} \frac{65}{121} \frac{59}{124}$$

$$\frac{112}{145} \frac{109}{100} \frac{98}{50} \frac{85}{5} \frac{74}{50} \frac{62}{100} \frac{52}{137}$$

2.70

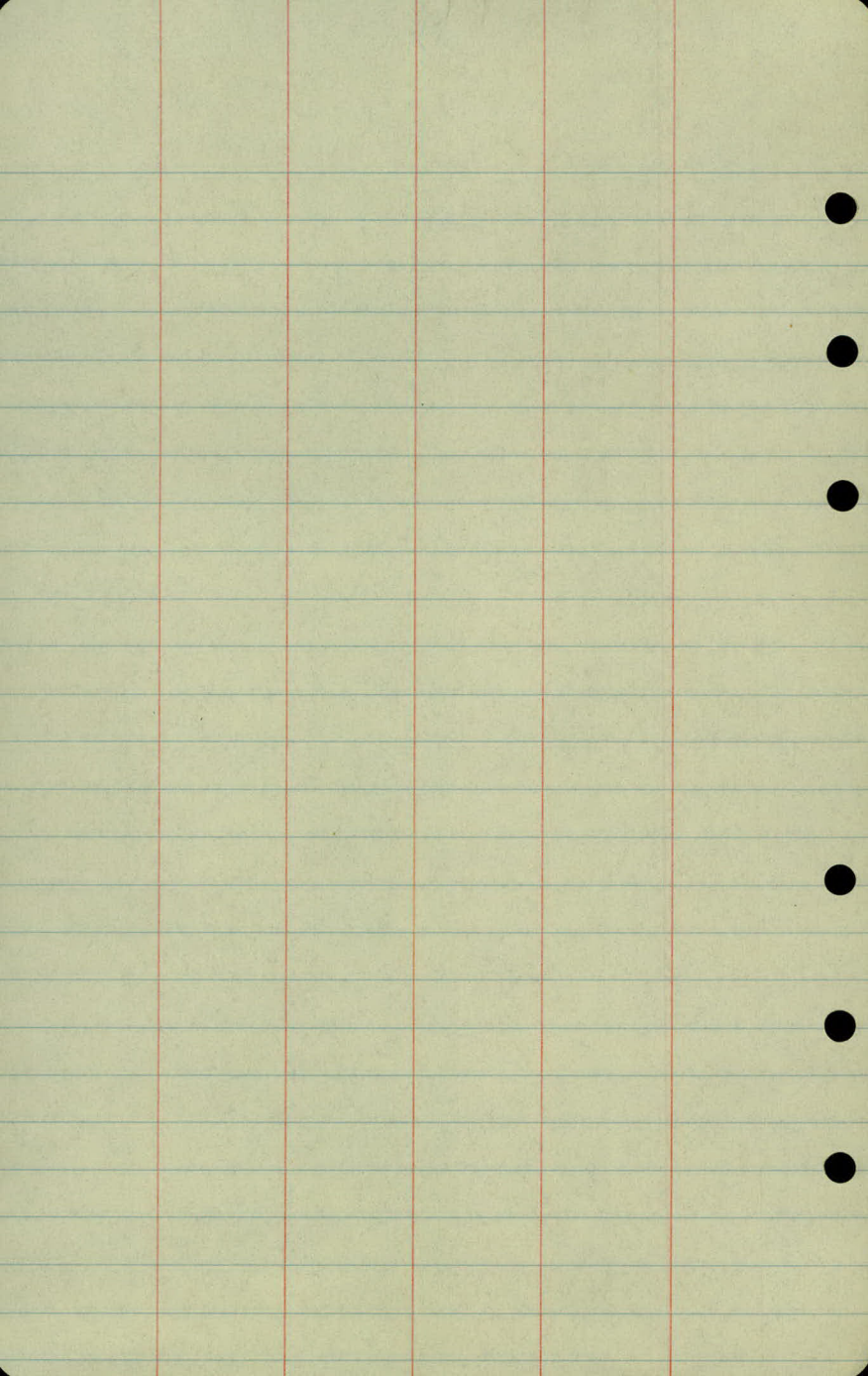
99.95 .

2.91

99.74 .

3.32

99.33 .



✓
Lauderdale School

Cross sections & levels
sect. proposed sidewalks

School Dist. #17

Sta.	+	K	-	Elev.
B.M.	12.60	956.34 [✓]		943.74
T.P.	10.94	966.79 [✓]	0.49	955.85 [✓]
T.P.	9.60	975.30 [✓]	1.09	965.70 [✓]

0+00 lone St. 69.88-

+50 70.30-

1 70.76-

+50 71.13.

2 71.29-

+50 71.34.

3 71.31.

+50 71.06-

+93 70.80.

4+00 70.77.

Lt.

E

Rt

2

Spoke in P.P., S.E. Cor. Walnut & Carpenter

5.425.004.544.174.013.963.994.24

$\frac{24}{146}$	$\frac{5.6}{100}$	$\frac{5.2}{100}$	$\frac{5.3}{50}$	$\frac{4.8}{29}$	$\frac{4.8}{19}$	$\frac{5.0}{15}$	$\frac{4.8}{11}$	$\frac{4.6}{9}$	$\frac{4.50}{1}$
------------------	-------------------	-------------------	------------------	------------------	------------------	------------------	------------------	-----------------	------------------

$\frac{5.2}{100}$	$\frac{5.3}{96}$	$\frac{5.1}{40}$	$\frac{4.6}{17}$	$\frac{5.1}{16}$	$\frac{5.0}{11}$	$\frac{4.7}{9}$	$\frac{4.53}{1}$
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Sta.	+	π	-	Elev
		975.30		
4+41				70.25.
+74				69.84.
T.P.	4.69	974.33 [✓]	5.66	969.64 [✓]
5+06				69.47.
+50				69.12.
6+00				68.56.
+27				68.54.
+38				68.48.
+89!		Spring St.		68.44.
B.M.			3.65	970.68 [✓]

Lt.ΦRt.3

$$\frac{5.1}{100} \frac{5.4}{50} \frac{5.4}{34} \frac{5.4}{18} \frac{5.4}{11} \frac{5.1}{8} \frac{5.05}{\underline{\quad}}$$

$$\frac{5.3}{34} \frac{5.6}{27} \frac{5.9}{15} \frac{5.7}{11} \frac{5.55}{9} \frac{5.46}{\underline{\quad}}$$

$$\frac{4.3}{99} \frac{4.6}{50} \frac{4.7}{34} \frac{5.1}{18} \frac{5.3}{15} \frac{5.3}{13} \frac{5.1}{11} \frac{4.94}{9} \frac{4.86}{\underline{\quad}}$$

$$\frac{4.5}{81} \frac{5.2}{66} \frac{5.5}{50} \frac{5.3}{19} \frac{5.7}{16} \frac{5.6}{12} \frac{5.4}{9} \frac{5.21}{\underline{\quad}}$$

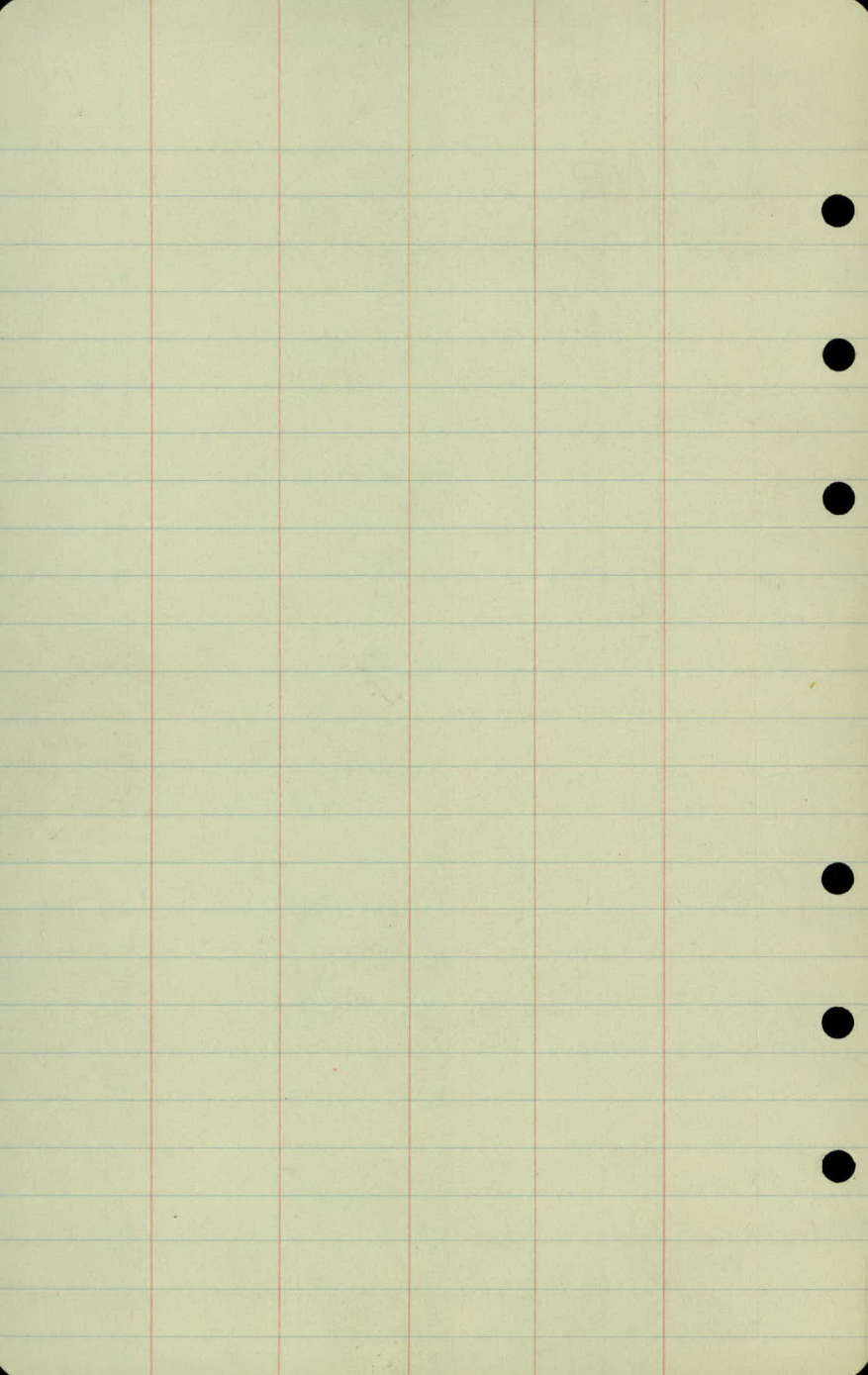
$$\frac{4.4}{100} \frac{5.6}{76} \frac{5.8}{50} \frac{5.0}{37} \frac{5.8}{23} \frac{5.6}{18} \frac{6.1}{16} \frac{6.0}{10} \frac{5.7}{2} \frac{5.8}{\underline{\quad}}$$

$$\frac{6.0}{100} \frac{6.2}{100} \frac{6.5}{18} \frac{6.3}{15} \frac{5.5}{10} \frac{5.79}{\underline{\quad}}$$

$$\frac{8.8}{100} \frac{7.4}{50} \frac{7.2}{33} \frac{6.6}{24} \frac{6.2}{19} \frac{5.9}{10} \frac{5.85}{\underline{\quad}}$$

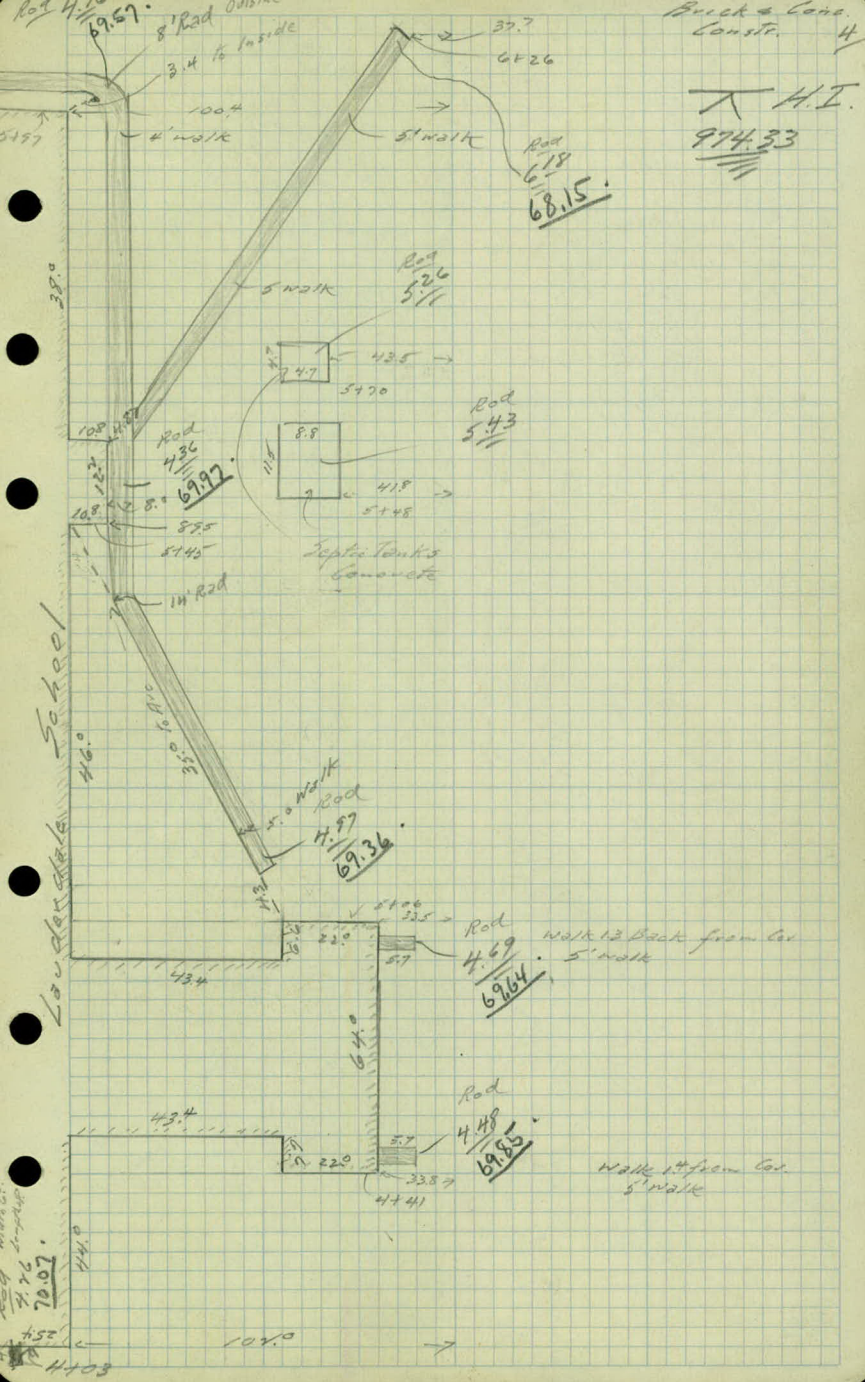
$$\frac{8.0}{100} \frac{6.7}{50} \frac{5.94}{24} \frac{5.8}{14} \frac{5.89}{\underline{\quad}}$$

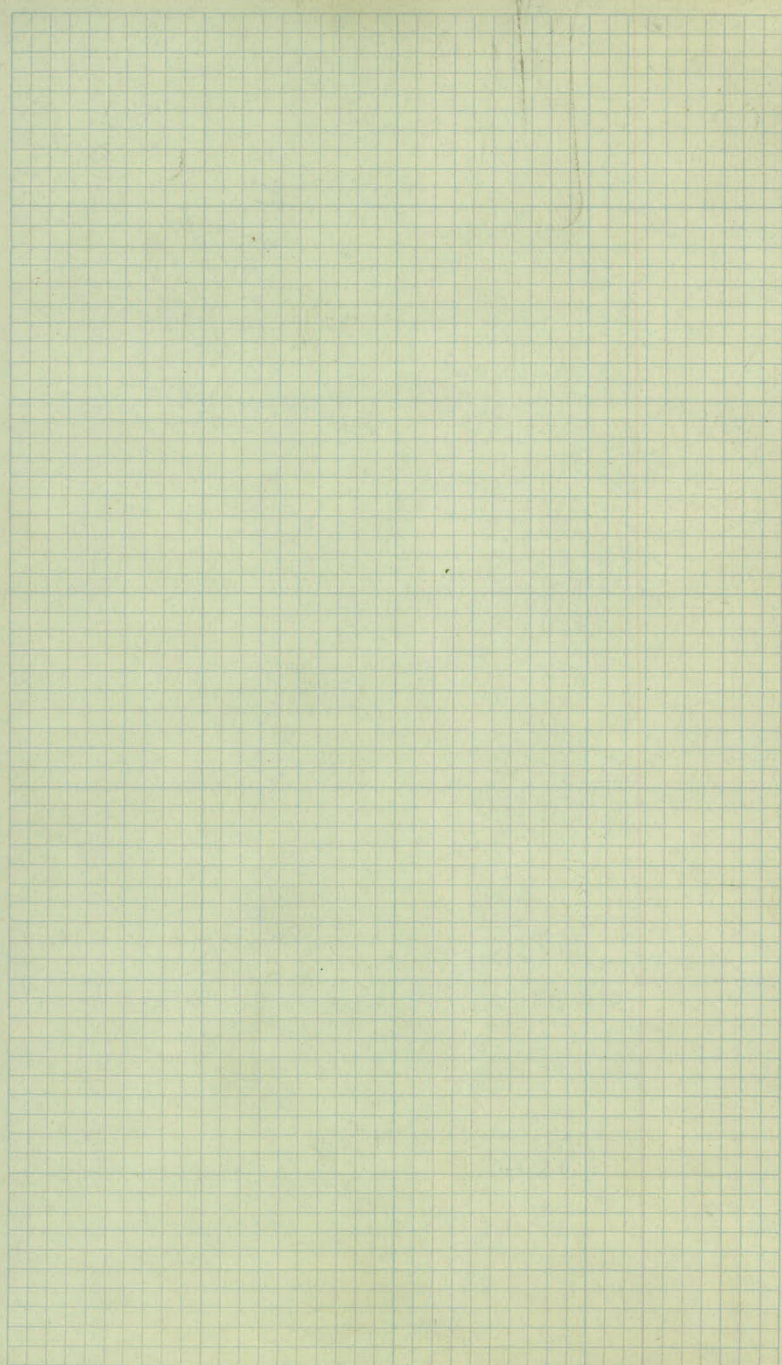
Main Entrance Lauderdale School Top of
lower conc. step North End.

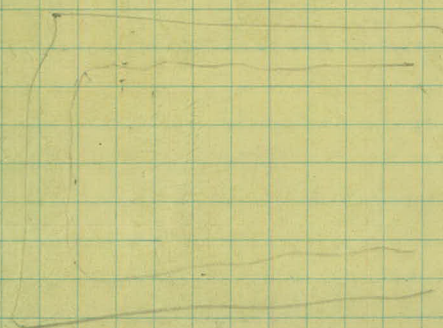


4

974.33



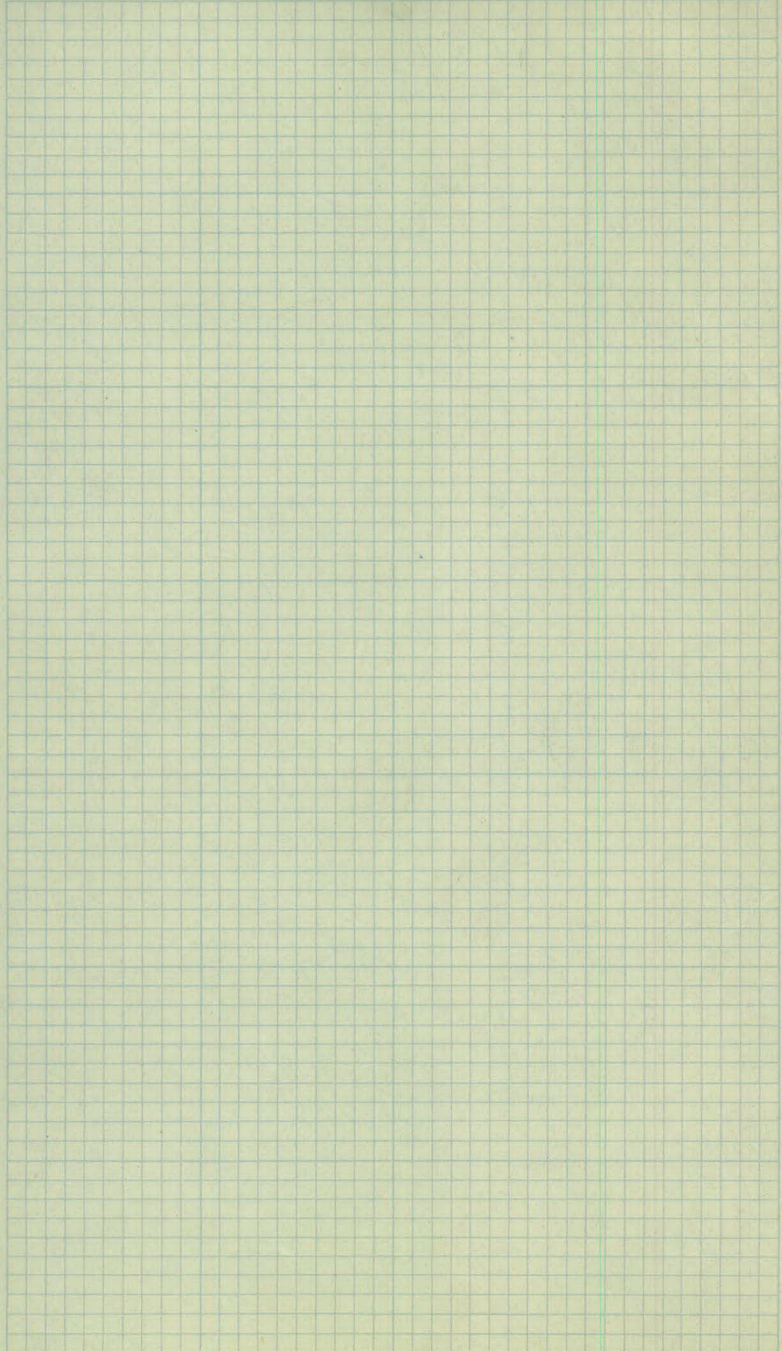




PROPERTY SURVEY

School Dist #18

New Brighton



9/12/38
 K.A.
 L.B.H.
 L.C.
 1966.



1/4-1/4 Cor. of
 Sec. 29 N 6 10 Ave

Minn. Transfer R.R.

Sec. 29-30-23

33'

N. 1/4 Cor.

Long Lake Rd.

Bolt Spike

1/4-1/4 Cor.

Secular Road

90° 25'

295.76'

30'

33'

29-30-23

Ch. Sec.

662.88' Cont.

4.5-Acres

School Dist. #18

295.729'

295.76'

30'

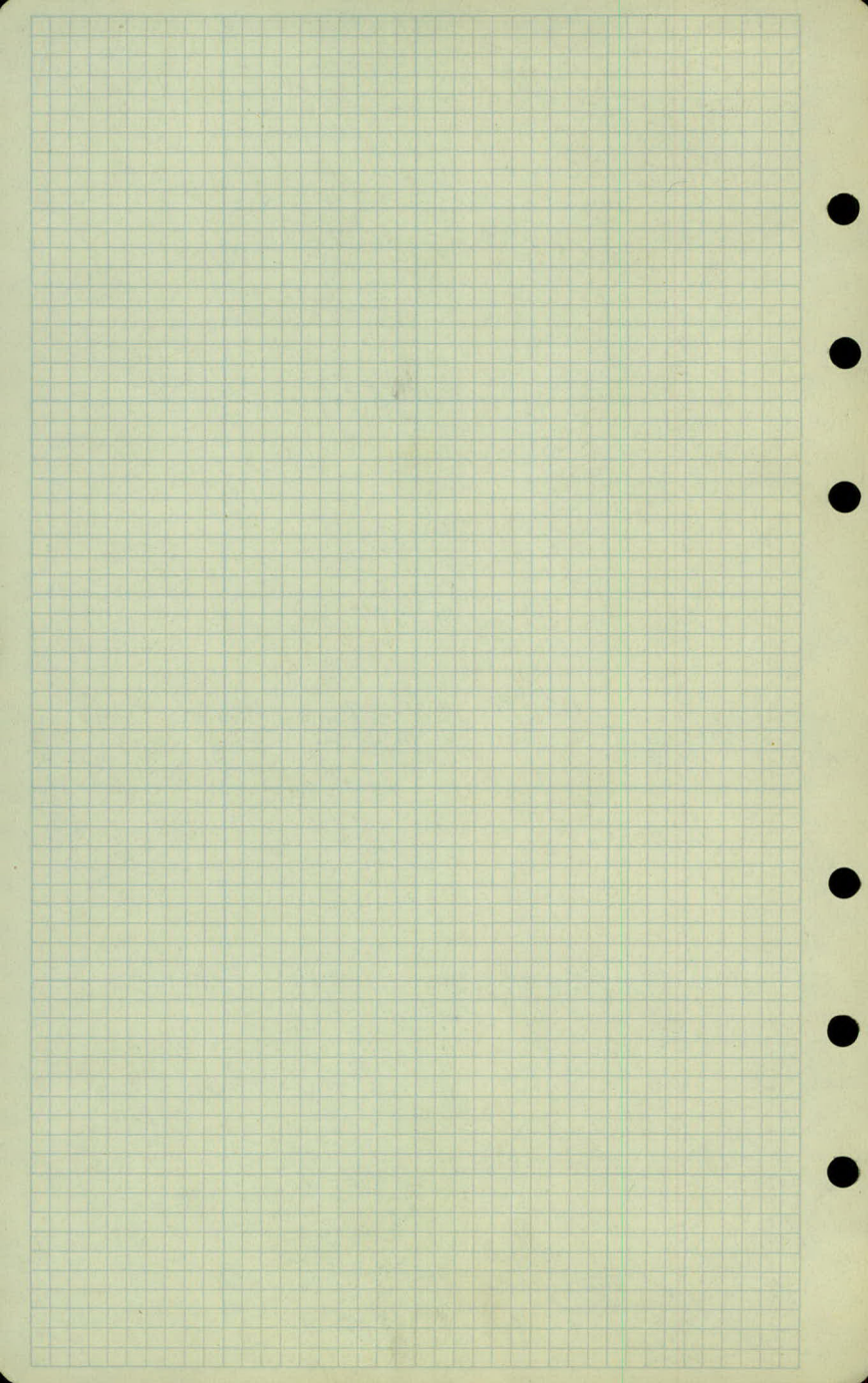
80 1/2'

30'

662.8' M

662.79' Cont.

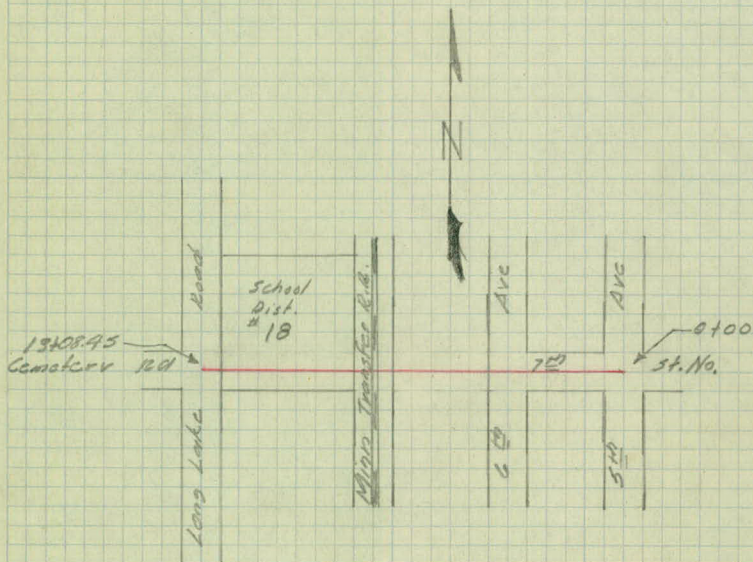
4.5 Acres = 196,000.00 sq ft
 Area = 295,739 X 662.885 = 196,019.33
 '47 short.



WATER MAIN SURVEY

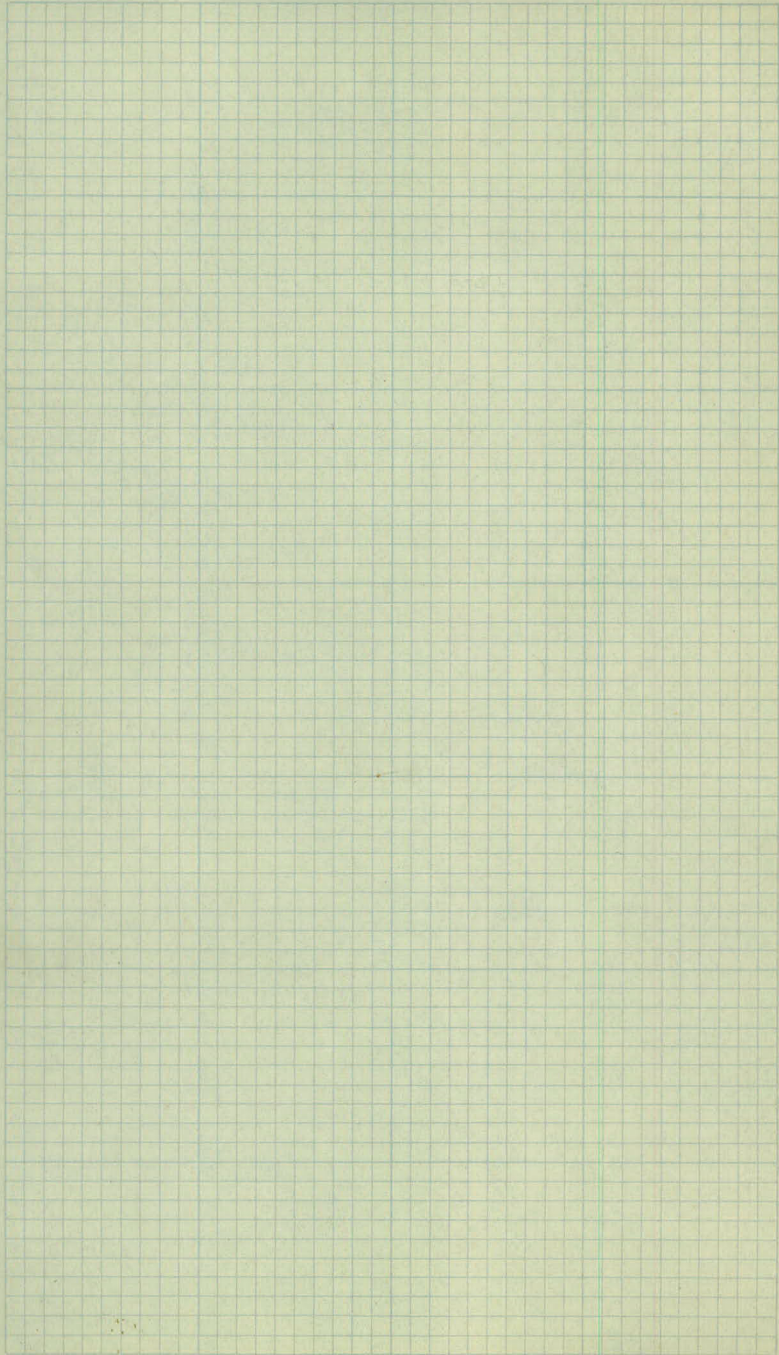
SCHOOL DIST. #18

5th Ave to Long Lake Rd.



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11/23/38
K.A.
L.G.
L.B.H.
M.C.G.

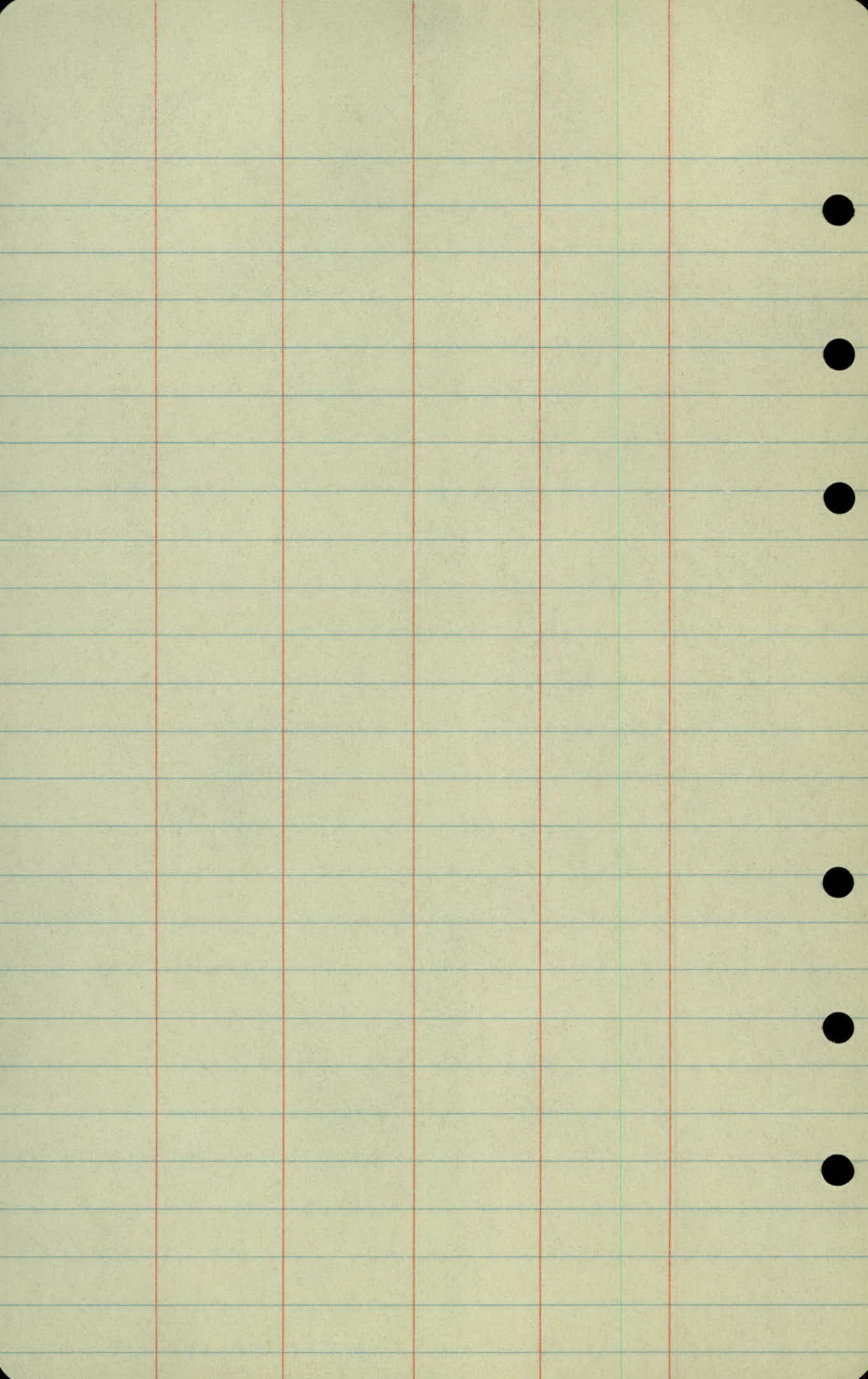
1

Alignment

13 108.45 = E Long Lake Rd.

5 195.49 E Tracks

0 100 = E 3rd Ave & 7th St. No.



Topography

175.49. 4. Track

190. End Cult

5

4

3

127. Rec. Cult
129. W. Edge Bl. Top.
109. E. Edge Bl. Top.
14' 15'

190

172. 6" Plum - 25'

156. 4" Plum - 25'

131. S.E. Cor. Ho. - 22'

2

193. N.E. Cor. Gar. 28' 14'

14'

195. 15" Tw Oak - 29'

165. End

157. 6. Drive

153. P.H. - 25'

104. 18" Oak - 23'

14'

14'

109. 30" Maple - 30'

190. 10" Tw. P. Elder - 31'

184. 20" Oak - 22'

167. 15" Oak - 24'

142. 15" Oak - 25'

125. Black Top.

14'

14'

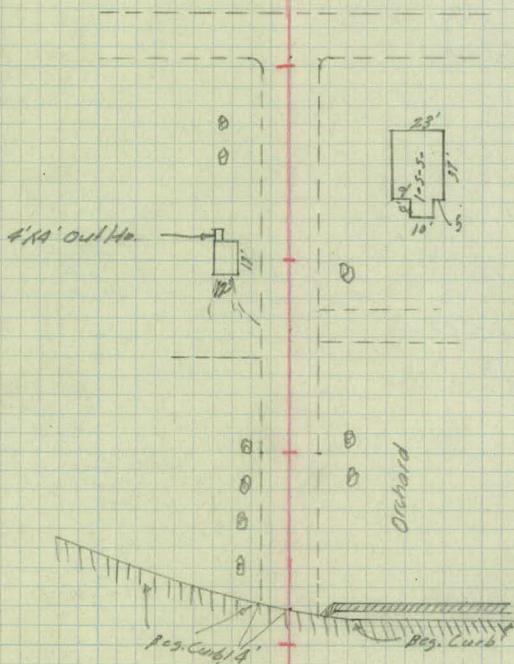
124. P.H. - 25'

177. 2. Edge of State Wash - 23'

114. 4. Pav. - 33'

118. Edge Pav.

0100



+96-E Edge Bl. Top

+79-P. 12-31'

13

12

11

+26-15" Oak-7'-12'

10 +03-4" Oak-16'

8

+42-8" Oak-8'
+20-8" Oak-20'
+25-4" Oak-16'

7 +16-5" Oak-20'

+46-4" Oak-9'
+54-6" Oak-14'

+49-15" Oak-18'

6

0 0

0

0

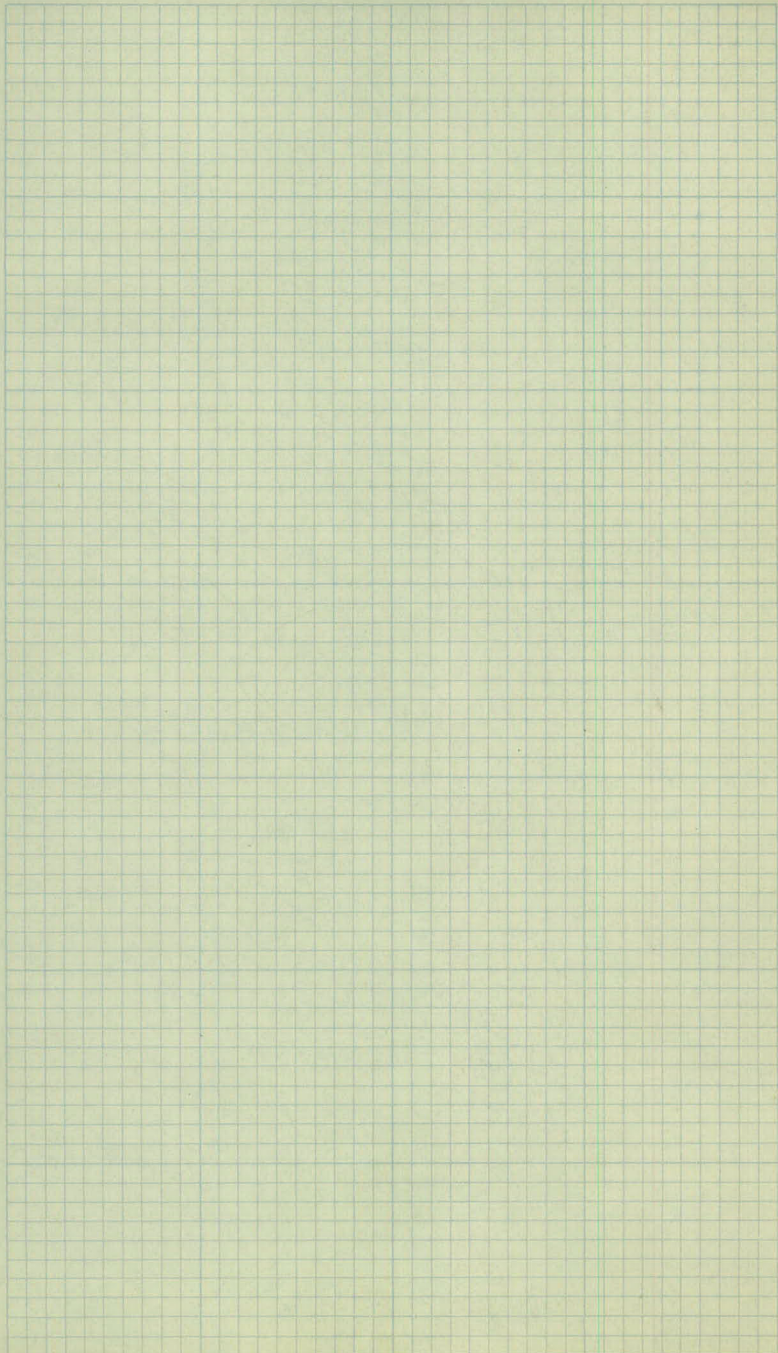
0 0

0

0

0

0



Bench Levels

Sta.	+	-	Elck	
B.M.	8.80	905.22		896.42
T.P.	9.14	914.07	0.27	909.95
B.M.			2.81	911.28
T.P.	11.08	919.09	6.13	907.96
T.P.	1.47	916.46	3.85	915.19
T.			9.89	907.27
				906.76

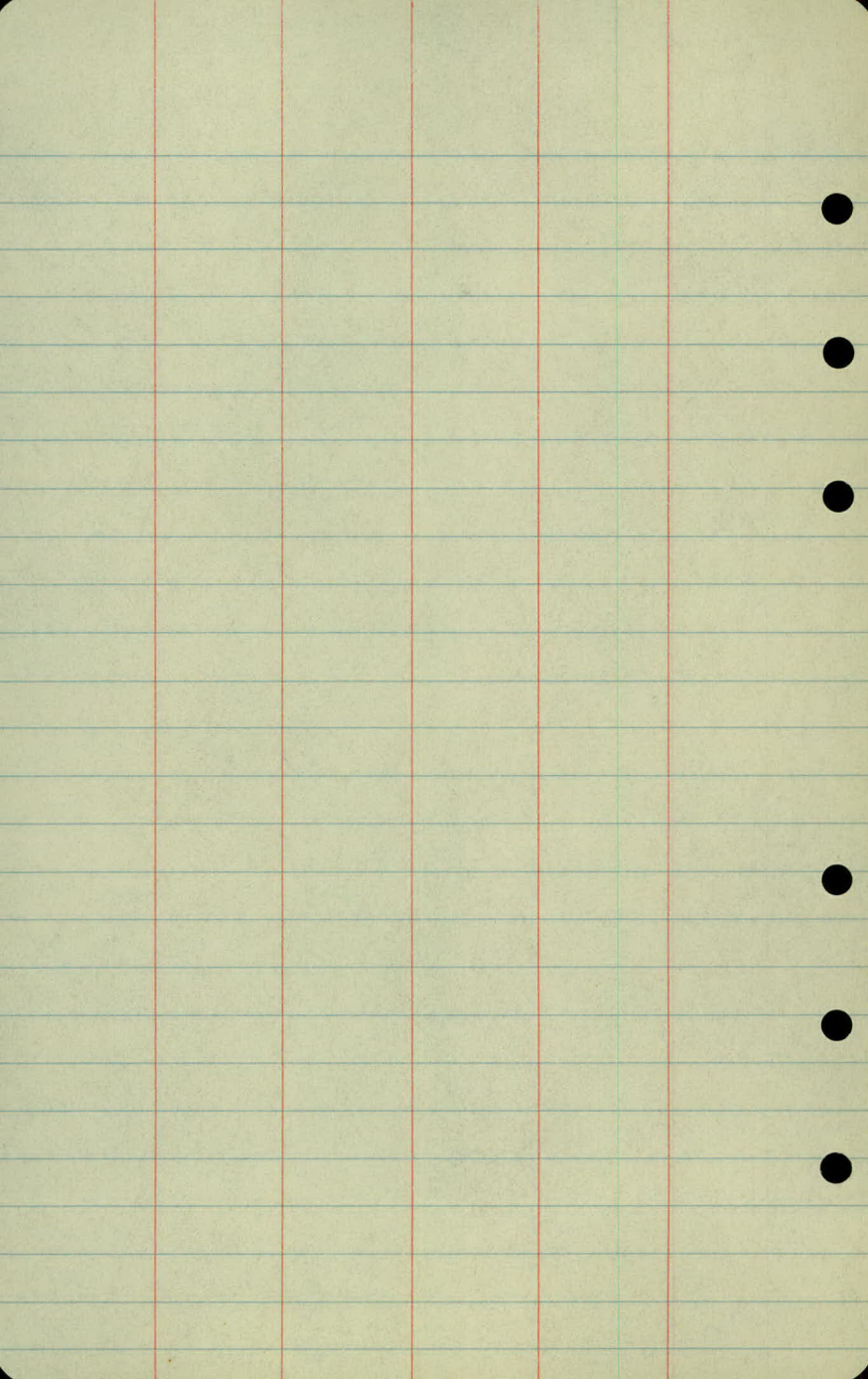
Description

Spk. in RR S.W. Cor. 5th Ave & 8th St. No.

Top Hyd S.E. Cor. 5th Ave & 7th St. No.

R.R. Spk. in RR S.E. Cor. Longlake Rd. & Cemetery

= El. Data of Cemetery Rd.

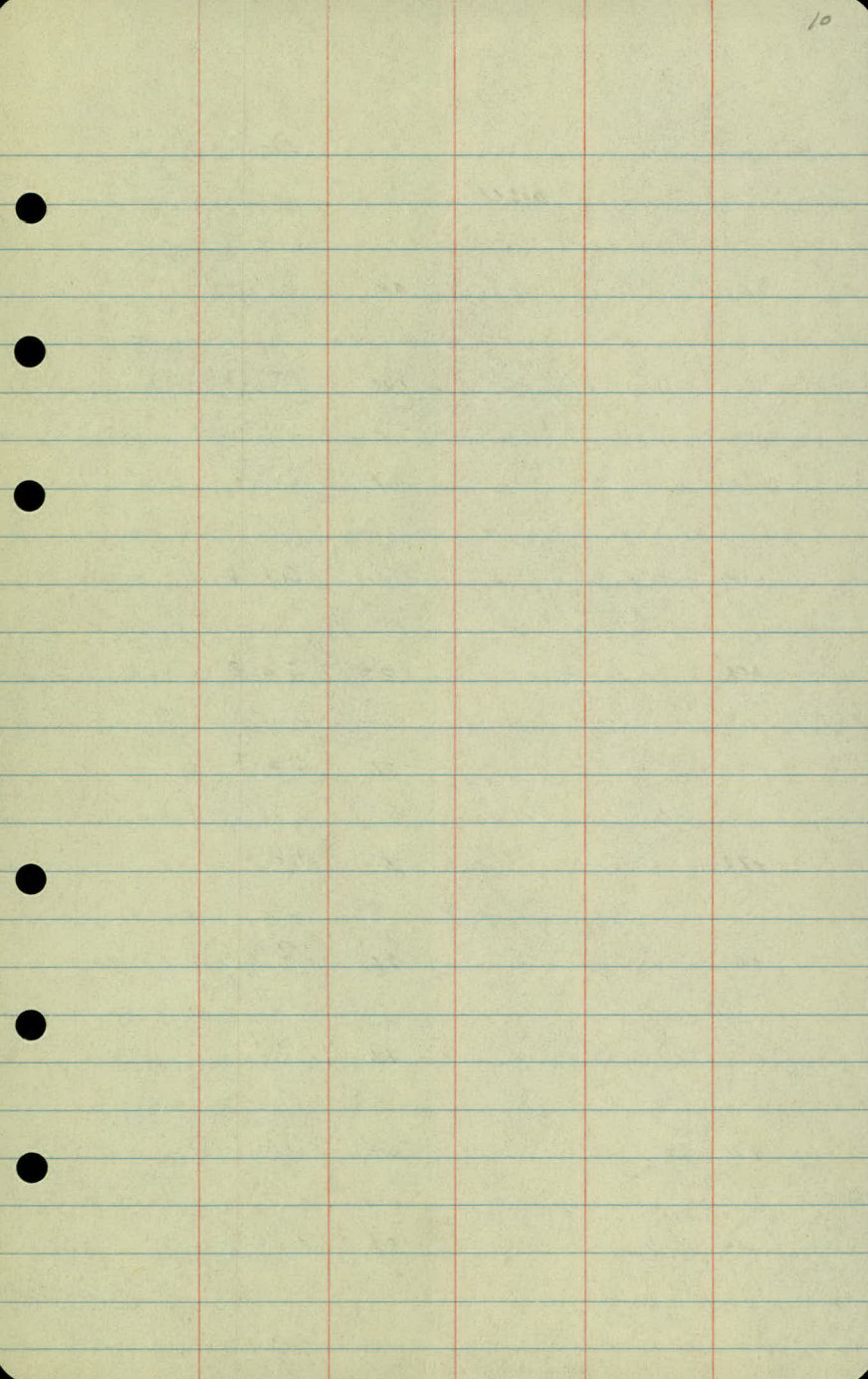


R Levels

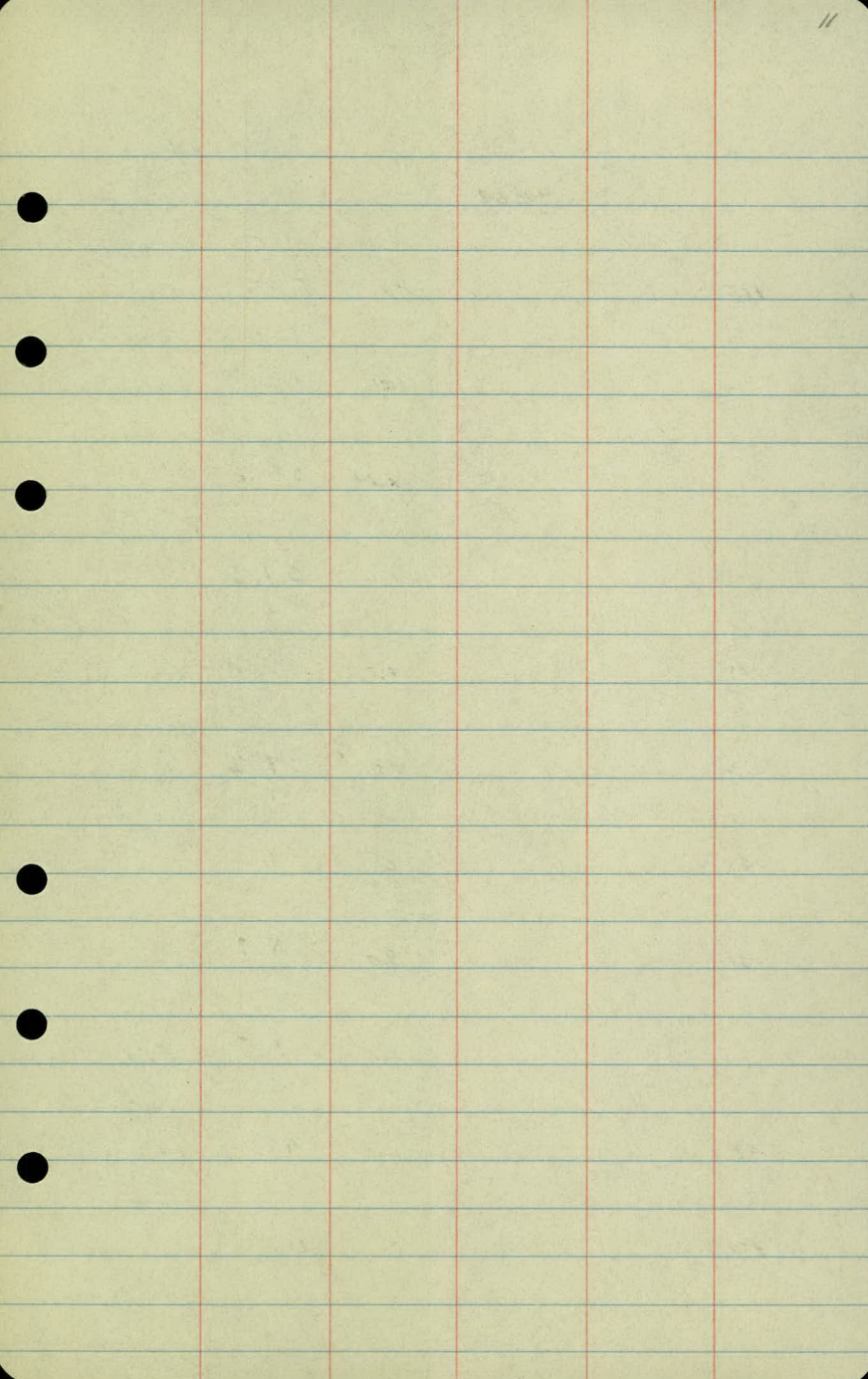
Sta.	+	A	-	Elev
B.M.	265	913.93		(911.28)
0 +00			6.17	07.76
+18			6.39	07.54
+25			6.1	07.8
+60			57	08.2
1			56	08.3
+50			59	08.5
2			46	09.3
+50			35	10.4
3			23	11.6
+19			20	11.9
+29			2.5	11.4

Top Hyd. SE Cor 3rd Ave + 8th St.

Sta.	+	X	-	Elev.
		913.95		
3	140		3.6	10.3
4			6.0	07.9
	135		6.1	07.8
	170		7.2	06.7
	192		7.9	06.0
5			7.6	06.3
	139		5.7	08.2
	147		4.2	09.7
	166		2.6	11.3
T.P.	1.02	913.29	1.21	912.22
	175		6.9	06.3
	184		9.9	03.3



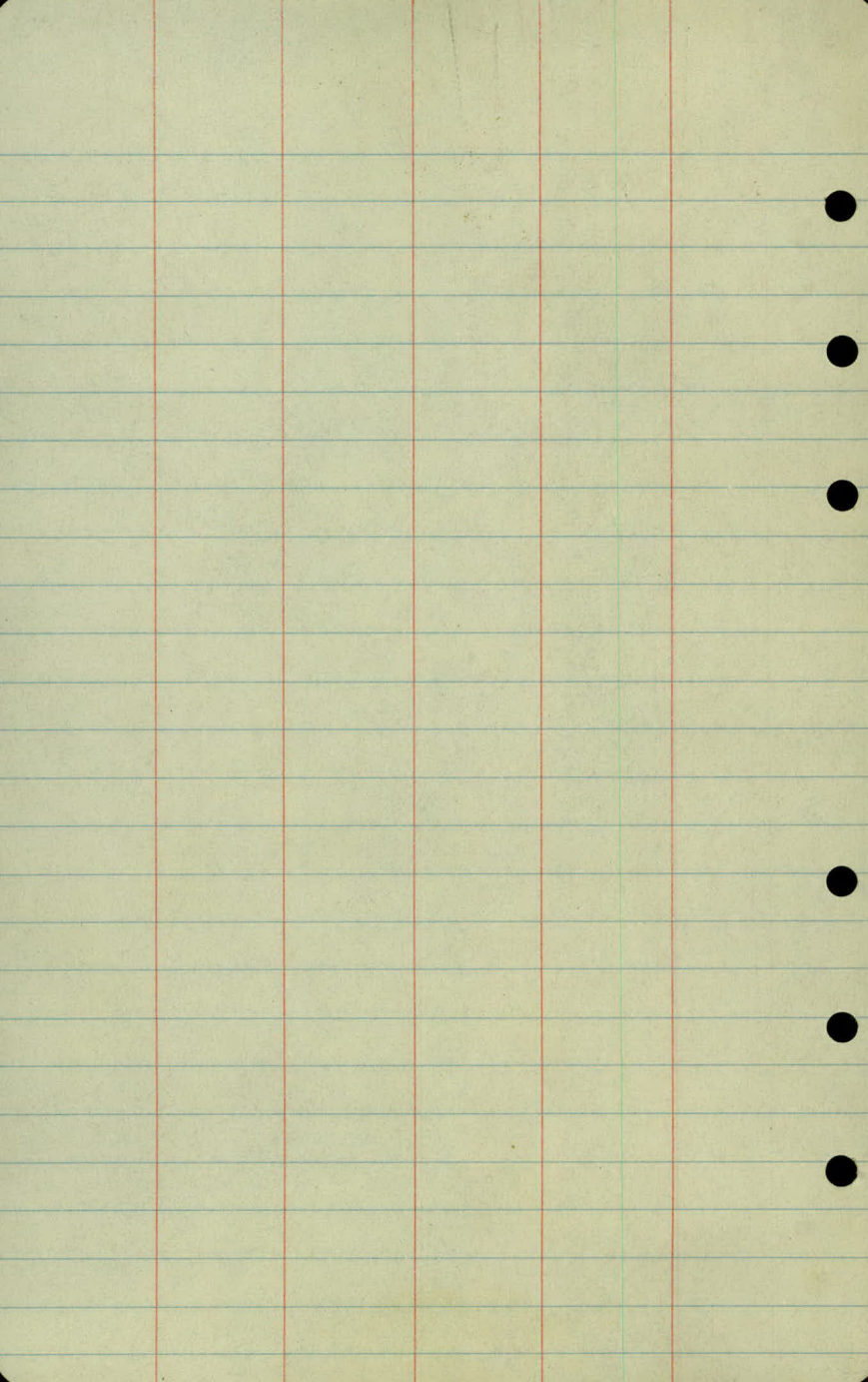
Sta.	+	X	-	Elev.
		913.24		
5	185		12.0	01.2
		Top East Rail	12.70	02.54
		Top West Rail	10.59	02.63
6	105		11.6	01.6
	106		10.2	03.0
	112		7.9	05.3
T.P.	3.45	915.67	10.2	712.22
	123		1.6	14.1
	160		2.0	13.7
7			4.2	11.5
	130		6.5	09.2
	150		8.5	07.2



Sta.	+	π	-	Elem
		915.67		
7	+67		8.8	06.9
	+76		8.5	07.2
	+88		6.6	09.1
8			6.0	09.7
	+81		3.5	12.2
	+33		15	14.2
	+45		2.0	13.7
	+82		0.5	15.2
T.P.	9.61	915.82	0.46	915.21
9			0.6	15.2
	+43		1.0	14.8
	+70		2.8	13.0

Sta.	+	-	Elev.
		715.82	
10		5.6	10.2
+50		19.1	05.7
+71		12.4	03.4
11		13.4	02.4
+50		12.0	03.8
12		19.4	05.4
+20		10.0	05.8
+70		10.4	05.4
+77		13.0	02.8
+83		12.5	03.3
+95		7.1	08.7
13 . 08.15		6.5	09.3
		8.50	907.22
			(907.27)

R.R. split in RR, SE Cor. Long Lake Rd. + Cemetery Rd.



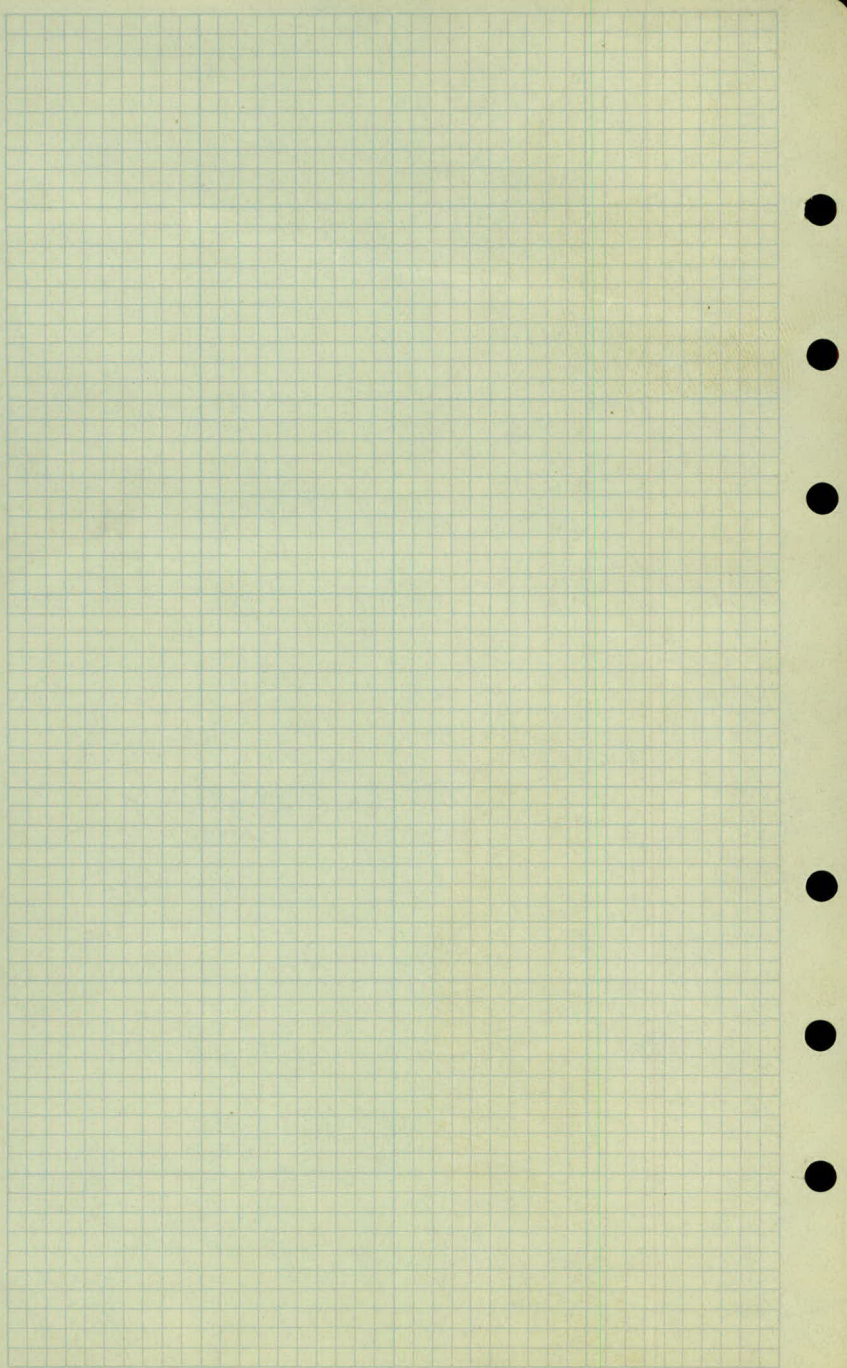
PROPERTY SURVEY

School Dist No. 36

Contemplated

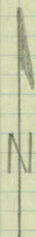
Prop. Not Purchased.

Per Shafer
WJ B.



W. 1/4 Cor. Sec. 8-30-23

Co. Rd. "H2"



Long Lake Rd.

33'

899.19'

33'

300.0'

2 Acres.

290.4'

8-11-38

K.A.
R.P.
L.C.
M.D.G.

