

Bk. 40 Dr. 14

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plan Survey

Sixth St. W.B.C.

From Banning Ave To Lake Ave
W.B. Ave. to Washington Ave.

Road Acc't. No. _____

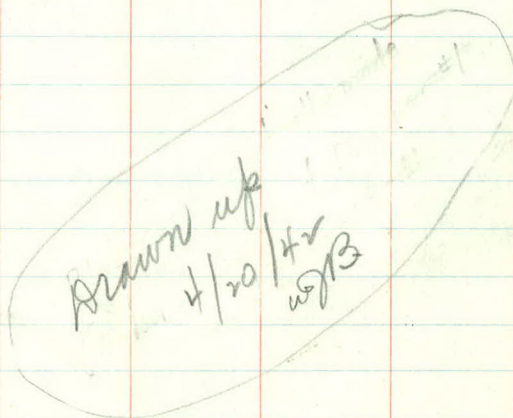
Date Filed L- 41

File _____

PLAN SURVEY

SIXTH ST.

Banning Ave to Lake Ave



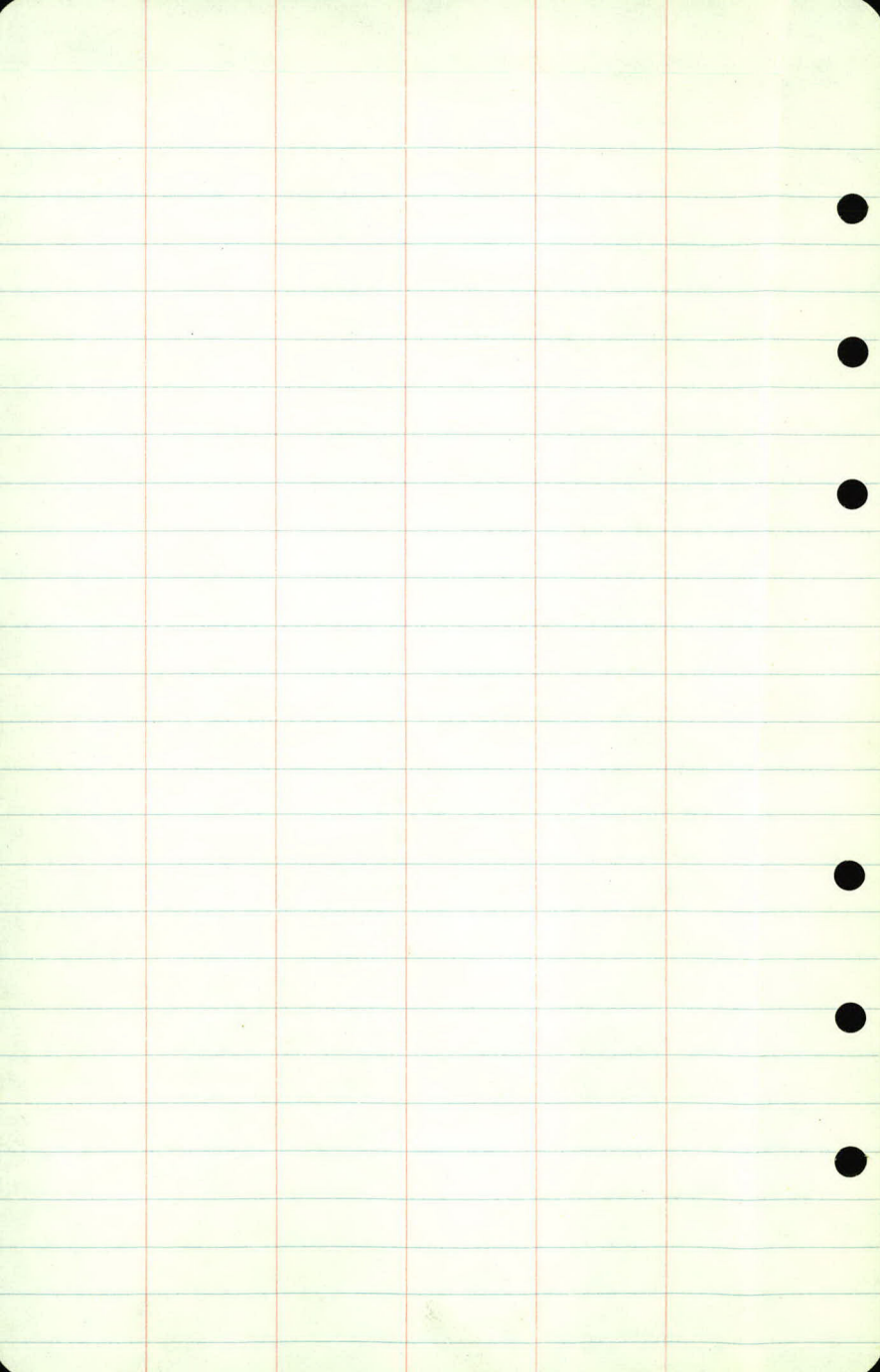
INDEX.

Align 1-3

Topog. 4-7

Xsections 8-14

14 days. Completed 3-20-41



Alignment

Sta	Point	ΔLt	ΔRt
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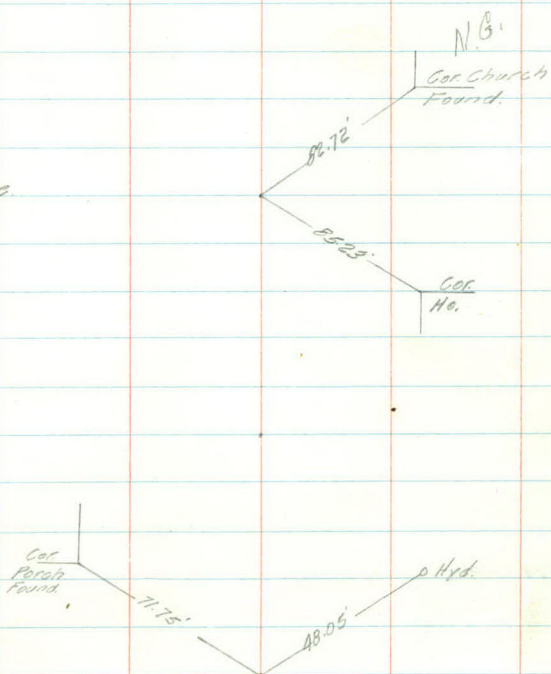
11	+07.20	P.O.T. = E Merchwood Ave.	
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7	+34.39	P.I.	0°23'
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3	+62.31	P.O.T. = E Cook Ave.	
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0	+00	= E Bonning Ave. (Split of car 65)	
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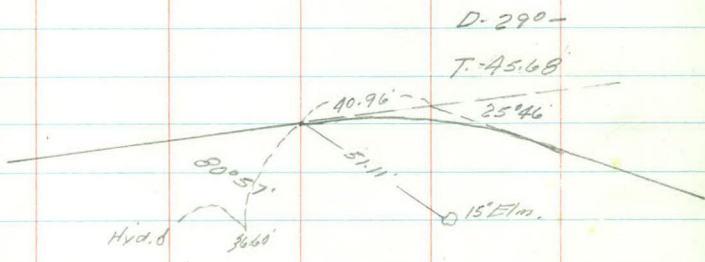
4 Par. Stewart Ave.

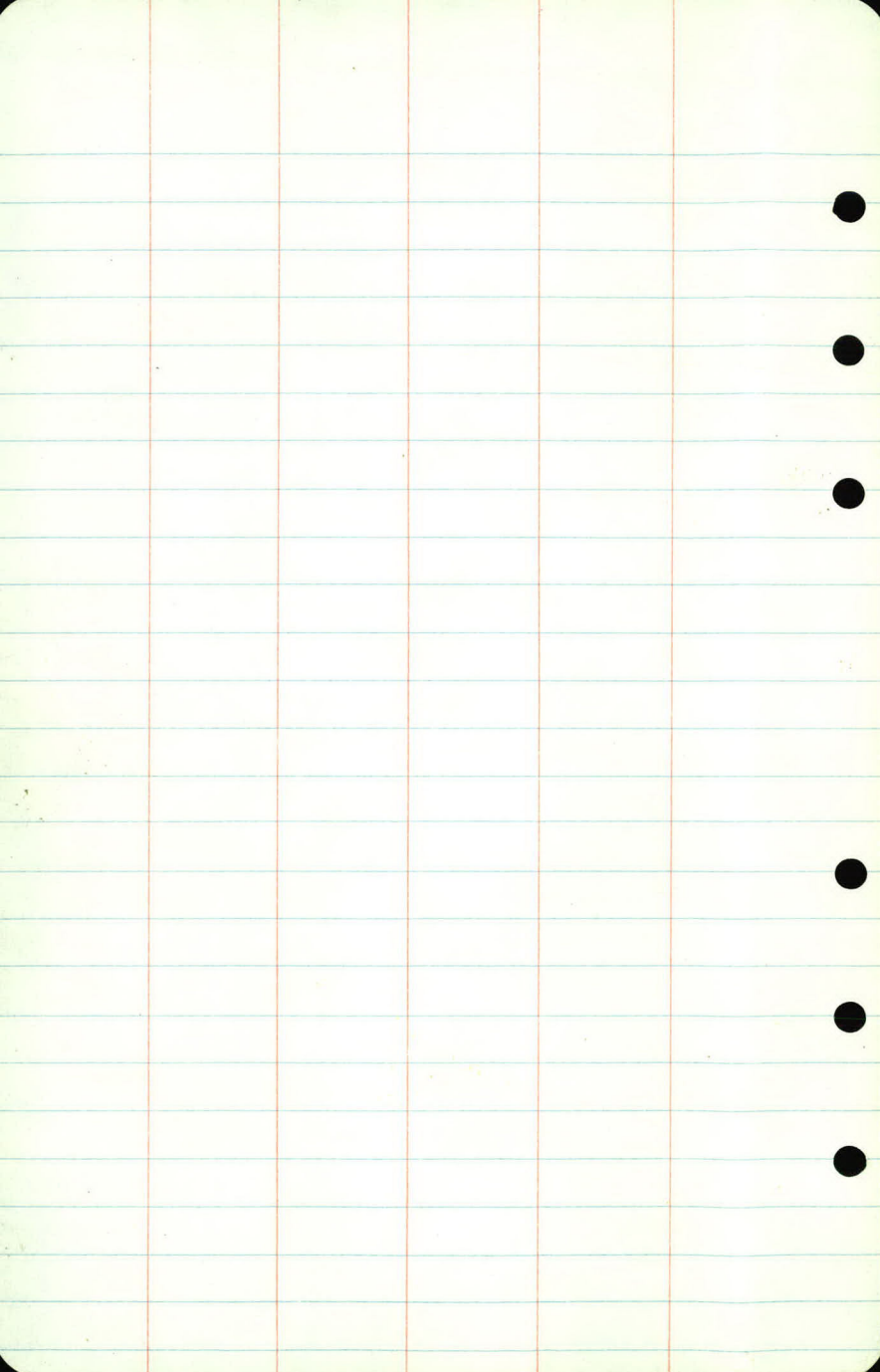


Sta	Point	ALT	Δ Bt
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19	+95.97	= E. Lake Ave. P.O.T	
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14	+69.54	P.O.T = E. Johnson Ave	
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Topography

+39-PP-21'

+64-M.H.-1.7'

+46-Approx & Alley

5

14' 14'

+70-PP-22'

+60-E Drive

4 S.W.-28.9'-24.0' 12' 14'

+85-Hyd.-23'

+87-11'

+76-22'

40'-178

+41-PP-22'

Cl. Drain Under S.W.-14.8'

+32-Cor S.W.-28.5'-24'

+48-23'

23'-149 +63.3-M.H.-0.2'

+33-Cor S.W.-28.5'-24'

+38-14'

Cl. Drain Under S.W.-14.4'

10'-138

3

15'

+01-15" R.E.-19.5'

+81-20" R.E.-20.5'

+72-E 1.5' Walk-13'

+59-E Double Drive

+31-PP-23'

2 S.W.-28.5'-24' 15' 9'

+82-20" E.M.-23'

+80-30" O.-20'

+81-Fc. Cor.-29'

+62-20" R.E.-24'

+30-PP-22.5'

+32-30" O.-20.5'

+18-E Drive

+02-E Drive

1 S.W.-28.6'-24.2' 18' 11'

+28.5-Cor S.W.-28.4'

+24-Cor S.W.-28.5'

+24-End Corb-23.9'

+20-Bcg. Curb Rd.-28.5'

+54-30" O.-20'

+30-Fc. Cor-29.4'

+235-End Walk-9.5'

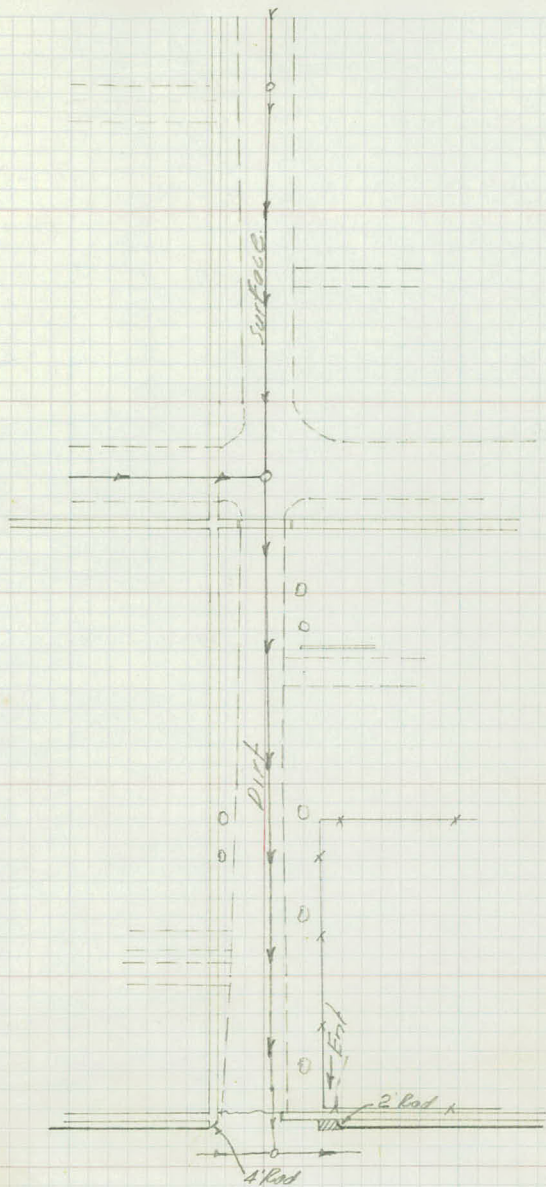
Cor. Walk & Approx-28.3'

+24-End Walk-9.5'

+20-Bcg. Curb Rd.-40.5'

0+00

+07-M.H.-5.5'



+87-MP-21'
+79-4 Drive

+95-4 Drive

+83-4 3' Walk - 19.9

+30-Hedge-31'

12 +13-End Plank Curb-14.9

15' +87-4 Walk-18'
+84-M.H. 22'

+46-Beg Plank Curb-14.6

+31-X Drive-12' X 30' C.M.

+38-PP-21.5

+36-Beg SW-27.5-23.0

+33-13' 15' 15'

+61-4 Drive

+131

+20-24' 25' +20' +29-PP-36'

+107-M.H.-2.5

11 +90-End Walk-27.5-22.9' 197-25' 34-195
+80.5-X Drive-12' X 30' C.M. 190 138
+92-10' Curb-6.M.-29-22' 179-12' 12'-179

+23-4 3' Walk- 20.4' Top step - 23.1'
Bottom step - 20.4'

10 PP-21'

14' 15'

+13-End Hedge-31'

+14-PP-21'

+25-Approx & Alley

+04-4 Drive

9 SW-27.1-22.7'

15' 12'

+95-MP 21'

+36-Cor. Hedge-29'

+25-Approx & Alley

8

+73.5-Cor SW-22.6'

+69-Cor SW-22.6'

+65-PP-21'

Drive Under SW-13.4

15' 13'

+44-Cor Church-36

+123-3' E/m-33'

+102-3' E/m-33'

+89-2' Pine-29'

+84-2' Pine-29'

+69-Cor SW-25.2'-29.2'

+14-169 Drive Under SW-10

+50-23' 25' +55

+34.89-4 18' Box

7 Cor SW-22.5'

+16-22' 12' 12'

+32-M.H.-33

+26-118

+95.5-Cor SW-22.5'

+92-PP-21'

+90-4 4.5 Walk-21'

+90-4 Pine-22'

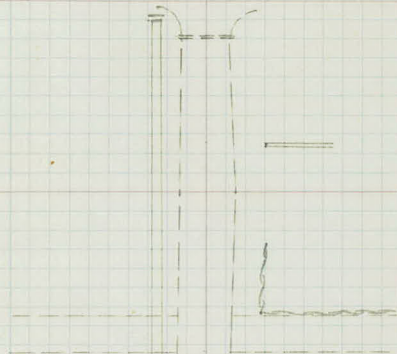
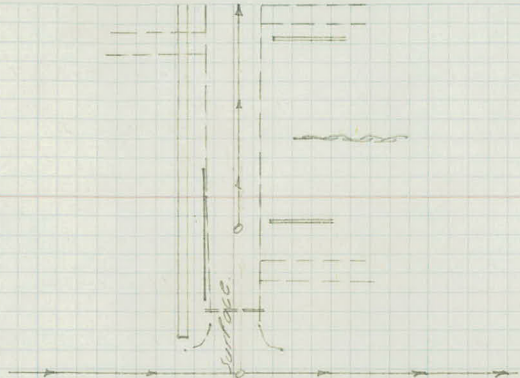
+50-18' Box Wood-32'

+54-4 Drive

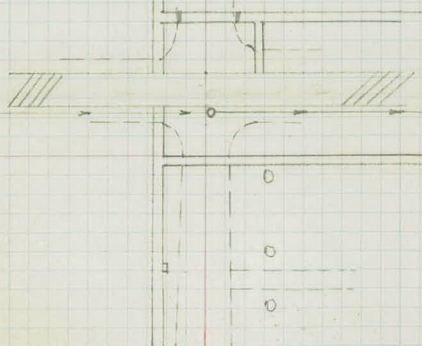
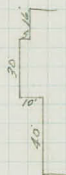
+22-6' Pine-32'

6 SW-27.5-23'

15' 14'



0/1ed

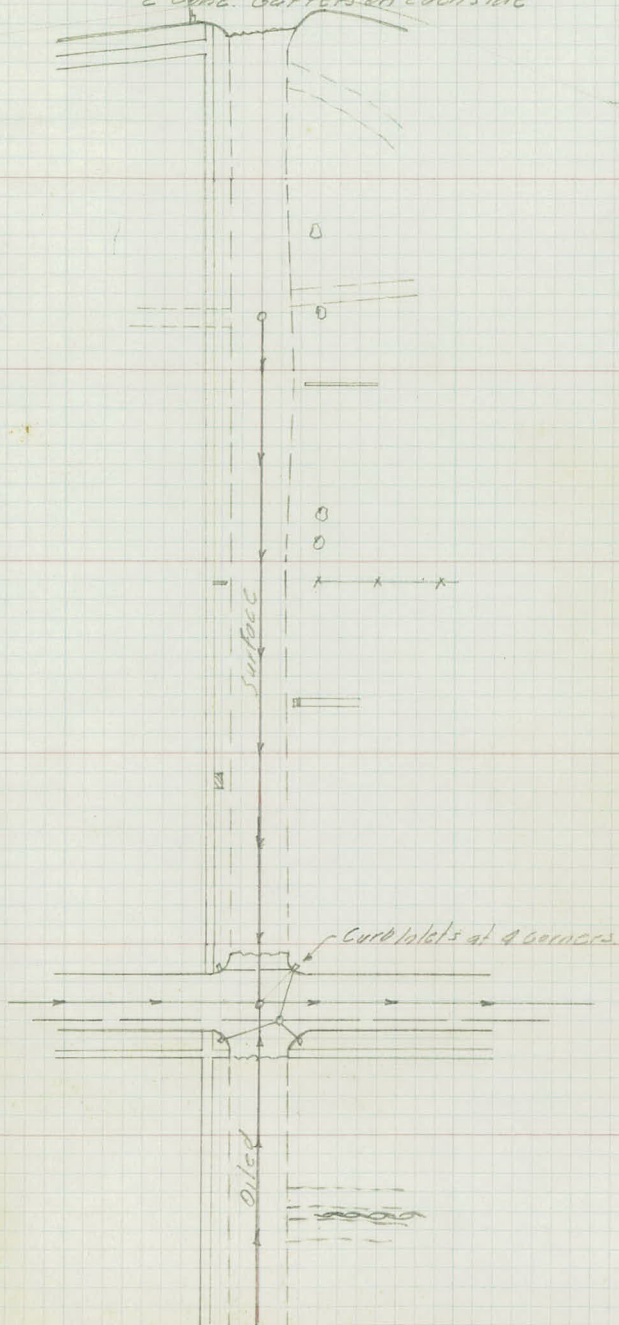


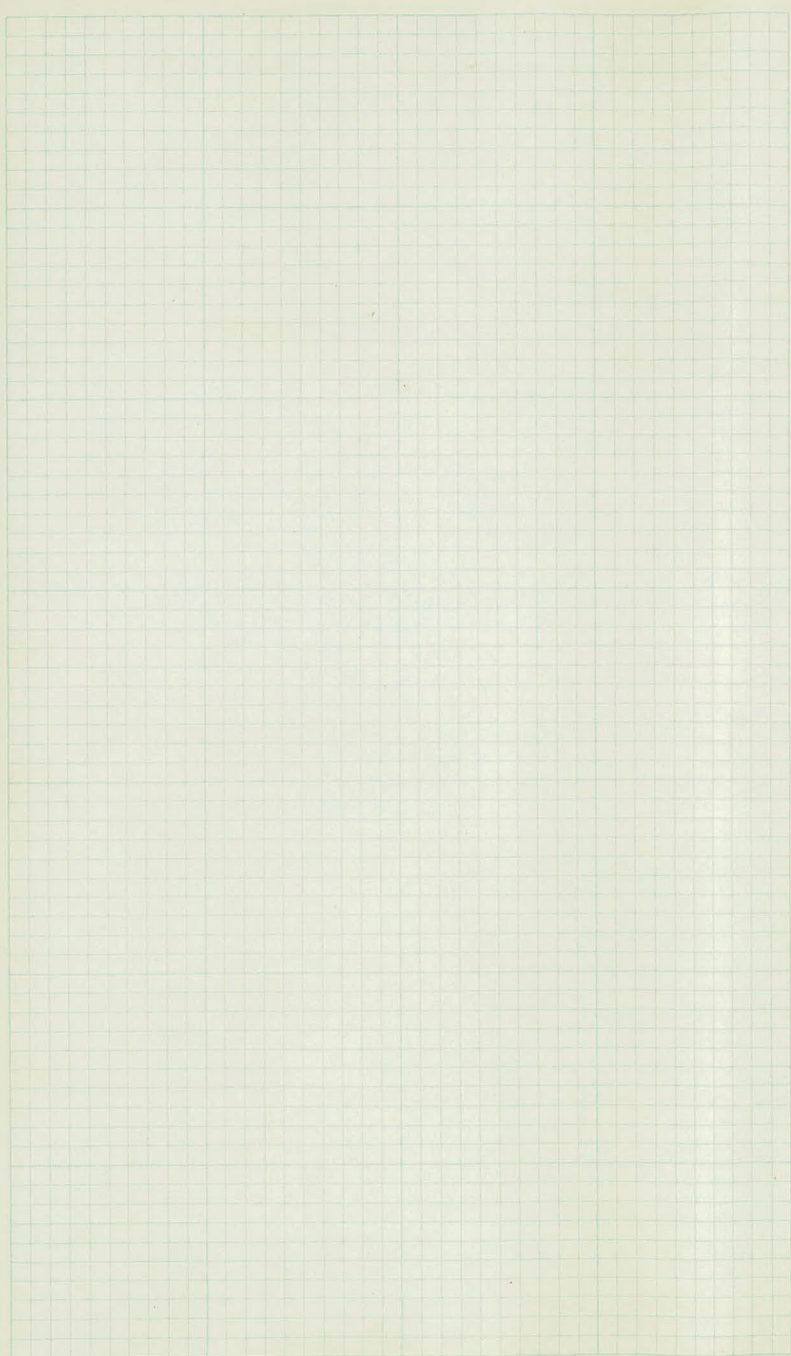
+61-End Curb Rad.-31' ^{Surface Dr.} 37		2' Conn. Gutter	
+76-PP-23		+67-End Curb Rad.-31'	
+75-Beg Curb Rad.-13.3' 15' Rad.		15' Rad.	
+72-Conn. S.W.-29.3'		+79-Beg Curb Rad.-17.1'	
+65-Hyd-20' Conn. S.W.-29.3'		+50-R Drive	
19 S.W.-29.2'-24.9'	16	+04 Gate Valve-25.5'	
		+73-Group SBE-27'	
+46-PP-22'		+47-10' Tw. BE-26.8 Tw. BE-29'	
+28-R Drive		+39-R Drive	
18	15	+32-R BE-30'	
		+29-M.H.-9.5'	
		+95-R 3' Walk-22.1'	
+29-PP-21.5'		+25-2' P.O.-31'	
17 S.W.-28.8'-24.4'	15	+11-2' P.O.-30'	
+89-R 2' Walk-16.7'		+89-Fc-29'	
		+25-R 5' Walk ^{Top stop 178} Bottom stop 153	
+12-PP-21.5'	16	17' 12'	
+85-R 8' Walk-19.6'			
15 S.W.-28.6'-24.1'	15	12'	
+94.5-End Curb-15.3'		+94.5-End Curb-14.5'	
+84.5-1st Curb Rad.-2.5'		+92-Hyd-30'	
+84.5 Conn. S.W.-28.3'-23.8'		+84.5-Beg Curb Rad.-2.5'	
+82.5-End Curb Rad.-1.5'		+80-M.H.-10'	
+79.5-Beg Curb-15.1' Conn. S.W.-28.3'-23.8'		+84.5-End Curb Rad.-2.5'	
+73-18' Elm-23'		+79.5-Beg Curb-1.5' = w. Edge S.W.	
14	14	13'	
		+73-18' Elm-20.5'	
+51-PP-21'		+85-18' Elm-10'	
13 S.W.-28'-23.5'	14	14'	
		+66-R Drive	
		+58-Hedge-28'	
		+51-R Drive	
		+37-6' Elm-21'	
		+24-2.4' Walk-15.2'	
		+12-6' Elm-20.5'	

18' Black Top Surface
2' Conc. Gutters on each side

5-19-41

7





8

X sections

6th st

Sta	+	π	-	Elev.
B.M.	2.57	943.38		(940.81)
B.M.	2.40	943.42	2.36	941.02
0 +00				938.41
+07 M.H.				38.52
+20				38.52
+28.5				38.62
+50				38.42
1				38.82
1 +50				39.02
2				39.02
T.P.	5.87	944.95	4.34	939.09
+50				39.88
3				39.45
+53.8				39.95

47.

4

Pt.

Top Hyd Lt. start 56 7th St

Top Hyd S.E. Cor Banning Ave & 6th St
501

38.62

38.63

Carb

38.30

38.38

32.20

38.29

38.19

38.19

160rb.

4.80	4.79	5.56	5.47	5.12	5.4	4.9	5.19	5.37	5.46	5.65	5.13	5.23
50	285	100	50	285	21		30	40.5	50	100	40.5	50

38.86

$$\begin{array}{r} 458 \\ 50 \end{array} \quad \begin{array}{r} 456 \\ 285 \end{array} \quad \begin{array}{r} 467 \\ 24 \end{array} \quad \begin{array}{r} 52 \\ 17 \end{array} \quad \begin{array}{r} 48 \\ 18 \end{array} \quad \begin{array}{r} 524 \\ 30 \end{array} \quad \begin{array}{r} 500 \\ 50 \end{array} \quad \begin{array}{r} 491 \\ 50 \end{array}$$

3885						3852	
4.57	466	51	50	51	47	49	L.O.
285	24	18		12	21	30	

$\frac{431}{287}$	$\frac{437}{292}$	$\frac{48}{18}$	$\frac{46}{10}$	$\frac{50}{30}$	$\frac{51}{30}$	L.O.
39.11					38.32	

3936						3822	
$\frac{406}{28.7}$	$\frac{416}{24.2}$	$\frac{415}{17}$	$\frac{44}{17}$	$\frac{52}{17}$	$\frac{52}{30}$		L.O.

$$\begin{array}{r} 39.54 \\ 3.58 \\ \hline 287 \end{array} \quad \begin{array}{r} 39.5 \\ 3.95 \\ \hline 242 \end{array} \quad \begin{array}{r} 4.5 \\ 19 \\ \hline 19 \end{array} \quad \begin{array}{r} 44 \\ 44 \\ \hline 10 \end{array} \quad \begin{array}{r} 46 \\ 10 \\ \hline 13 \end{array} \quad \begin{array}{r} 50 \\ 13 \\ \hline 30 \end{array} \quad \begin{array}{r} 51 \\ 30 \\ \hline 50 \end{array} \quad \begin{array}{r} 54 \\ 50 \\ \hline 50 \end{array}$$

<u>5.18</u>	<u>5.27</u>	<u>5.3</u>	<u>5.8</u>	<u>5.7</u>	<u>6.1</u>	<u>6.1</u>	<u>6.0</u>
287	242	21	16	16	30	30	50

3977 3885

[illegible]
$$\begin{array}{r} 40.15 \\ 180 \\ \hline 284 \end{array} \quad \begin{array}{r} 4.84 \\ 290 \\ \hline \end{array} \quad \begin{array}{r} 50 \\ 518 \\ \hline 30 \end{array} \quad \begin{array}{r} 39.77 \\ 519 \\ \hline 50 \end{array}$$

Sta	+	π	-	Elev
		944.95		
3	+62.31			40.27
B.M.			1.90	943.05.
	+92.31		39.85	
4			39.75	
	+50		39.75	
5			39.95	
	+50		40.25	
	+64 M.H.			
6			40.25	
	+50		40.05	
	+95.5		40.27	
	+62			

L.F.

E

R.F.

968

39.25

Top Hyd. N.E. Cor Cook Ave. + 6th St.

40.49

446	455	45	51	51	61	58	57	63
289	24	15	13		20	23	30	50

40.44

39.35

451	455	46	52	52	59	56	56	61
284	24	18	14		17	19	30	50

40.31

39.45

464	463	48	54	52	60	56	55	61
285	24	17	14		15	19	28	32
								50

40.35

39.55

460	468	53	50	60	53	53	63	67
28	28.5	15		16	18	29	39	50

40.37

39.65

458	465	52	47	57	52	50	66	67
27.5	23.4	15		16	19	29	35	50

40.31

34.16

464	1479
Top	F.L.

40.28

39.75

467	477	49	52	47	55	49	50	66
276	23.1	17	15		16	20	29	34
								50

40.21

40.35

474	482	49	52	49	53	47	46	52
274	23	17	15		15	20	30	50

40.13

40.30

482	491	468	490	460	465	468
271	226		195	195	30	50

40.27

34.22

468	1473
Top	F.L.

Sta	+	π	-	Elev
		94495		
7	+34.39			40.30
	+73.5			40.64
	+80			40.45
B.M.	4.97	945.17	4.75	944.20
8				40.37
	+50			40.37
9				40.47
	+50			40.47
10				40.37
	+50			40.17
	+77.20			39.87
11	+07.2			39.97

Lt

E

Rt

465

40.19

40.20

476	482	431	475	480
27.0	22.5	30	50	

40.23

42.55

472	477	49	45	48	51	25	24	23
27.0	22.5	16	13	18	26	30	30	50

Top Iron in SW at N.E. Stewart Ave. & 6th St

40.22

485	509	48	53	49	26	25	22
27.2	22.7	15	18	24	30	44	

40.14

503	512	48	51	45	23	1.9	1.9
27.1	22.7	14	18	23	30	36	

40.07

510	518	51	47	48	44	24	22	21
27.1	22.7	15	12	17	23	30	50	

40.13

509	513	50	49	53	47	50	41	1.7	1.7	1.5
27.2	22.8	22	18	16	14	20	24	30	50	

40.08

509	520	52	54	48	52	44	27	24	21
27.3	22.8	17	15	16	20	23	30	50	

40.01

516	526	52	57	50	56	44	41	42
27.3	22.8	17	15	17	22	30	50	

40.00

517	525	52	58	53	59	56	50	47
27.4	22.8	18	15	16	18	30	50	

52

Sta	+	π	-	Elev
		945.17		
11	+37.2			39.67
B.M.	4.98	944.76	5.39	939.78
	+50			39.66
	+84 M.H.			
12				39.66
	+50			39.86
13				39.96
	+50			39.96
14				39.76
	+39.54			39.56
	+60 M.H. Storm Sewer			
	+69.50 Also M.H.			

LT

2

RT

39.87

39.27

$\frac{5.30}{216} \frac{5.43}{23.2} \frac{5.6}{17} \frac{5.9}{13} \frac{5.5}{13} \frac{5.9}{18} \frac{6.1}{30} \frac{6.1}{50}$

Top Cor Lot Iron N.E. Cor Marshwood Ave + 1/2 St

39.93

$\frac{4.83}{27.6} \frac{4.97}{23.2} \frac{5.2}{14.6} \frac{5.7}{14.6} \frac{5.1}{16} \frac{5.8}{26} \frac{4.7}{30} \frac{4.5}{50}$

39.73

32.27

$\frac{5.03}{Top} \frac{12.49}{F.L.}$

39.94

39.96

$\frac{4.82}{27.7} \frac{4.95}{23.2} \frac{5.2}{14.8} \frac{5.5}{14.8} \frac{5.1}{17} \frac{5.5}{30} \frac{4.8}{50}$

39.90

39.76

$\frac{4.86}{27.9} \frac{4.88}{23.6} \frac{5.0}{17} \frac{5.3}{14} \frac{4.9}{9} \frac{5.0}{17} \frac{5.5}{30} \frac{5.0}{50}$

40.02

40.36

$\frac{4.72}{28.0} \frac{4.81}{23.6} \frac{5.0}{18} \frac{5.3}{14} \frac{4.8}{14} \frac{5.1}{19} \frac{4.8}{30} \frac{4.4}{50}$

40.04

40.06

$\frac{4.72}{28.0} \frac{4.80}{23.6} \frac{5.0}{18} \frac{5.4}{15} \frac{4.8}{13} \frac{5.1}{30} \frac{4.7}{50}$

40.04

40.06

$\frac{4.72}{28.3} \frac{4.80}{23.6} \frac{5.0}{18} \frac{5.3}{15} \frac{5.0}{14} \frac{5.3}{16} \frac{5.0}{30} \frac{4.7}{30} \frac{3.69}{30} \frac{2.6}{50}$

40.04

39.77

39.37

39.69

$\frac{4.72}{28.3} \frac{4.78}{23.9} \frac{4.99}{15} \frac{5.5}{15} \frac{5.2}{15} \frac{5.7}{15} \frac{5.39}{15} \frac{5.07}{18.5} \frac{5.07}{30}$

33.94

$\frac{10.82}{F.L.}$

39.56 24.96

$\frac{5.20}{Top} \frac{19.8}{F.L.}$

Sta	+	-	Elev.
		944.76	
14	+94.54		39.61
B.M.	0.32	944.43	0.65 944.11
15			39.33
	+50		39.93
16			40.03
	+50		39.93
17			39.73
	+50		39.63
18	+93	Profile sw. pt	
18			39.43
	+29	M.H.	
	+50		39.43

LT

4

LT

39.92

39.86

39.61

39.66

$\frac{484}{286} \frac{489}{242} \frac{490}{153} \frac{548}{153} \frac{515}{147} \frac{574}{147} \frac{515}{147} \frac{51}{30} \frac{53}{50}$

Top S.E. Cor. Johnson Ave. + 6th St

39.61

$\frac{482}{286} \frac{482}{242} \frac{50}{19} \frac{55}{17} \frac{51}{14} \frac{56}{17} \frac{39}{30} \frac{34}{50}$

40.88

40.11

$\frac{432}{286} \frac{439}{242} \frac{45}{19} \frac{50}{17} \frac{45}{14} \frac{50}{17} \frac{37}{30} \frac{35}{50} \frac{33}{50}$

40.93

40.19

$\frac{424}{286} \frac{430}{242} \frac{45}{20} \frac{49}{18} \frac{44}{13} \frac{48}{16} \frac{34}{30} \frac{32}{50} \frac{31}{50}$

41.23

40.20

$\frac{423}{286} \frac{433}{242} \frac{44}{21} \frac{49}{16} \frac{45}{13} \frac{48}{18} \frac{33}{30} \frac{33}{50} \frac{30}{50}$

41.13

40.16

$\frac{427}{288} \frac{439}{244} \frac{45}{19} \frac{49}{16} \frac{47}{13} \frac{52}{17} \frac{45}{30} \frac{45}{50} \frac{44}{50}$

39.93

40.07

$\frac{436}{287} \frac{441}{244} \frac{45}{18} \frac{51}{16} \frac{48}{19} \frac{57}{30} \frac{58}{50} \frac{56}{50}$

38.63

39.29 39.62 39.95

$\frac{514}{22} \frac{481}{30} \frac{448}{39}$

39.90

$\frac{453}{29} \frac{449}{246} \frac{47}{19} \frac{55}{16} \frac{50}{17} \frac{58}{30} \frac{49}{50} \frac{47}{50}$

39.53

39.51

30.23

$\frac{492}{Top} \frac{14.20}{FL.}$

39.86

38.43

$\frac{457}{291} \frac{459}{247} \frac{49}{20} \frac{56}{16} \frac{50}{14} \frac{59}{30} \frac{60}{50} \frac{61}{50}$

Sta	+	π	-	Elev	
		944.43			
19			39.63		
+50			39.73		
+75			39.43		
+79			39.35		
+95.97			39.22		
B.M.	2.10	945.06	1.47	942.96	
			3.63	941.43	(941.44)

Lt

2

Rt

3966

477	470	50	56	48	57	55	55
293	249	20	17		13	30	50

38.93

3978

465	465	49	51	47	51	50	47
293	249	22	16		15	30	50

3943

3978

465	470	492	512	50
293	249	188	188	

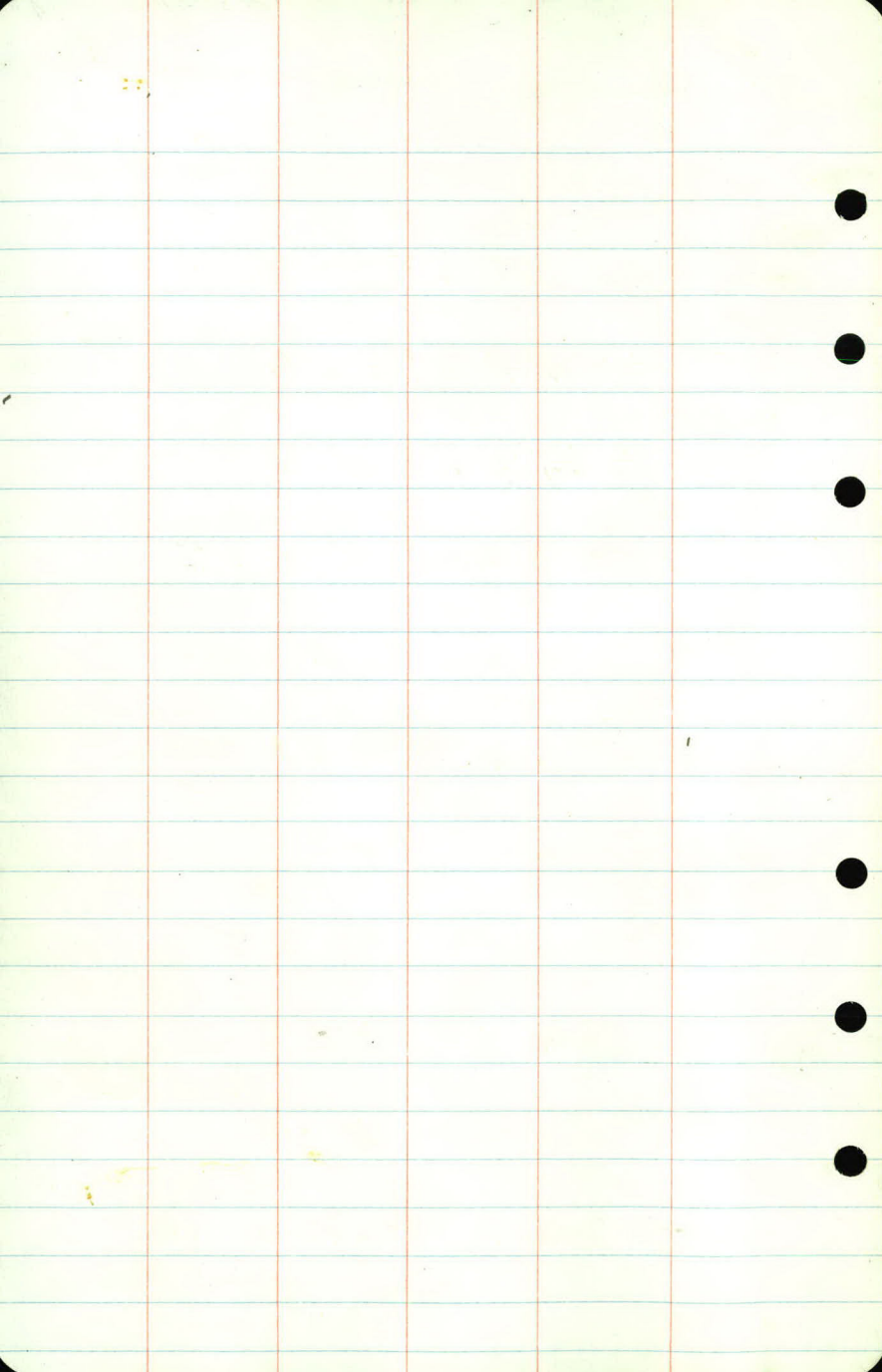
3951

3912

3943

508	555	531	510	49
	17.3	17.3	20	50

321Top Hyd. NW Cor Lake Ave. & 6th StTop Curb at 7th St & Lake Ave.



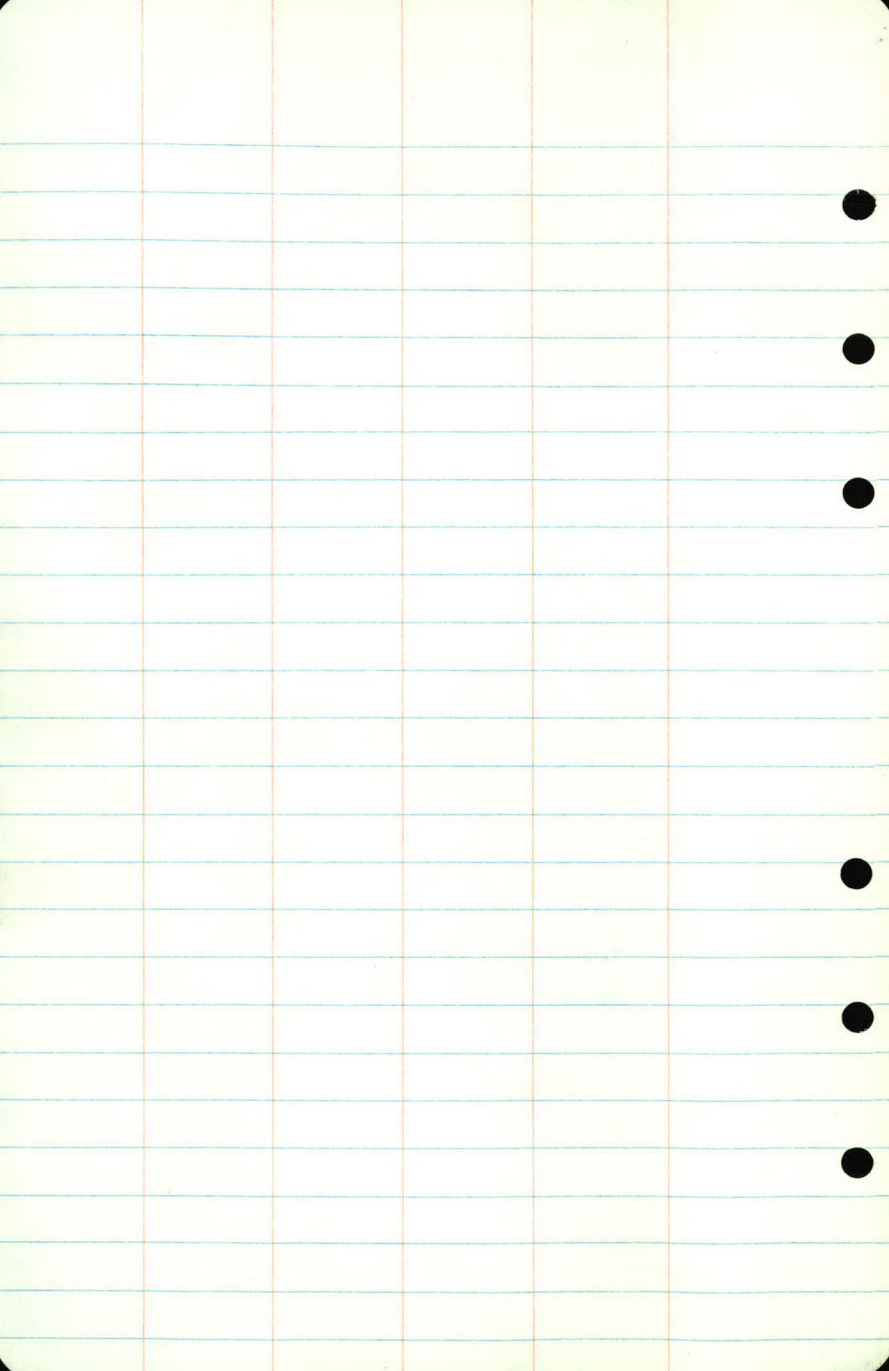
PLAN SURVEY
SIXTH ST.

White Bear Ave. to Washington Ave.

Drawn up
WJB
4/20/42

INDEX

Align. 1-2
Topog. 2A-4
Xsections 5-9



526E

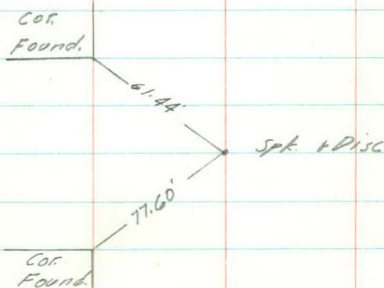
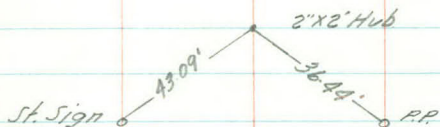
Alignment
6th St.

Sta Point Δ Lt Δ Rt

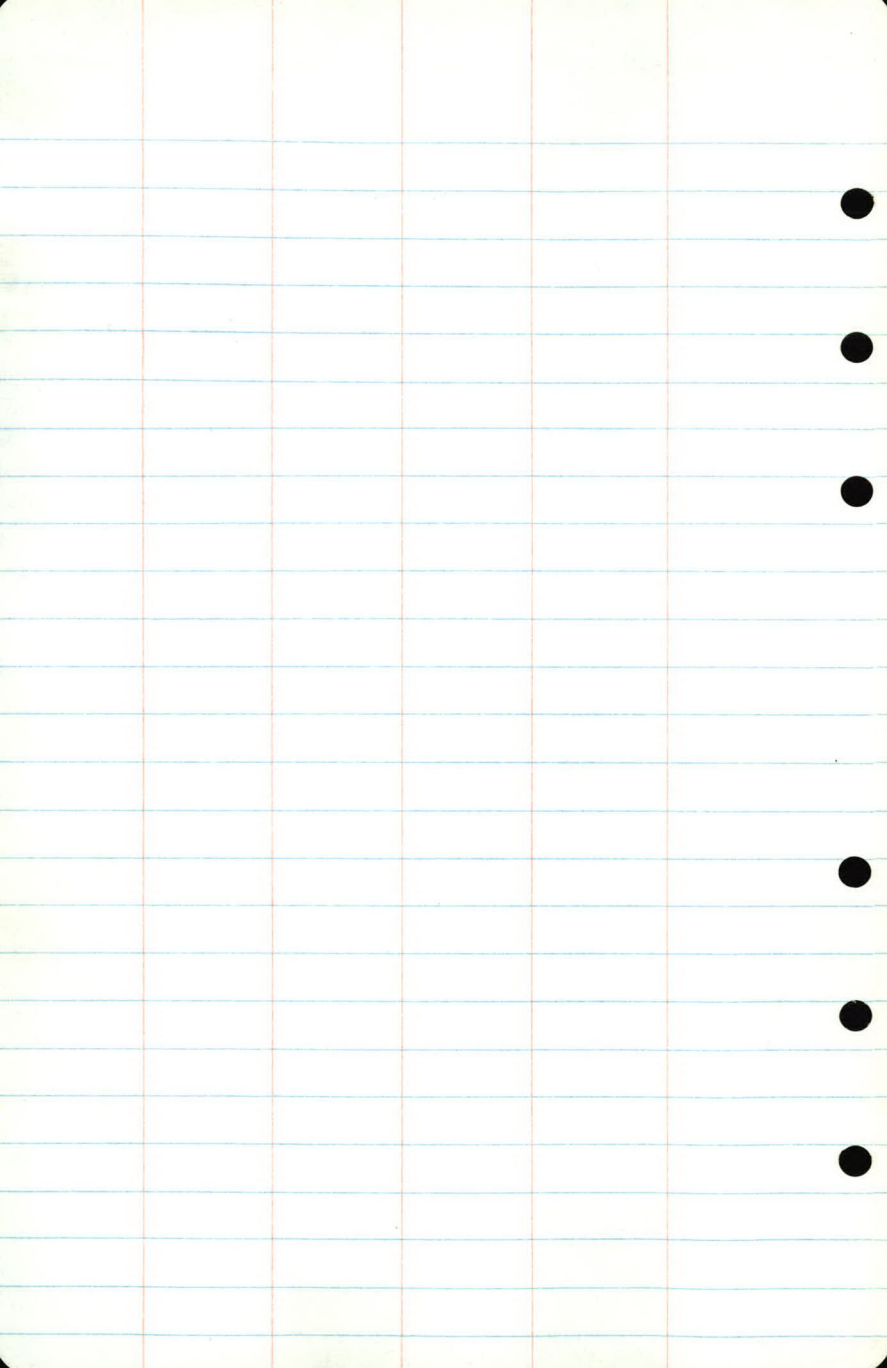
6 +93.09 & Washington Ave.

3 +69.89 P.O.T. = Division Ave.

0 +00 = & White Bear Ave



Split of Cor b



Topography

+89- & 1.5' Conc Drive - 26.5'

+79.5

+40- & 4' Walk - 20'

+21- Elm - 29'

+09- & Drive

5 12' Elm - 28

11'

11'

+85- & 3' Walk - 26.4'

+66- End Wall - 26.5'

+58- 12' Elm - 27'

+28- & 4' Walk - 16'

4 Cor Wall - 26.2'

11

13

+47- Shrub - 27'

+44- & 1.5' Walk - 26'

+19- PP - 23'

+05- 10' BE - 25'

+95- 10' Elm - 25'

+80- 5' Tw Tr - 26'

+77- 4" Plumb Tr - 34'

+72- 12' Elm - 26'

+52- & Drive

+05- 20' O - 28'

+94- Gate Valve - 20.6' - 21.4'

+93- Edge Bl. Top +91- PP - 22.6'

N.S.E

+66.5- M.H. - 2'

+47.5- Cor SW - 12.6'

+41.5- Cor SW - 12.6'

+32- PP - 16.5'

+55- Edge Bl. Top

+41.5- Cor SW - 19.1'

+41.5- Cor SW - 19.1'

+32- PP - 16.5'

3

11'

13'

+95- 4' Chin Elm - 23'

+73- 30' O - 22'

+50- & Drive

+35- 3' Pop - 35'

+31- Cor Cor - 32.5'

+17- Shrub - 26'

+11- 4" Pop. & End Hodge - 24.5'

10' 10' +02- Box Hodge - 25'

2

+98- & Drive

+82- Approx. & Alley

+98- Hyd. - 21.5'

+92- Cor Cor - 32'

+71- 15' B.E. - 31'

+55- 15' B.E. - 20'

+32- 18' B.E. - 20'

+05- 15' B.E. - 13'

13'

9'

+90- 15' B.E. - 18'

+84- & 3' Walk - 19.6'

+71- 12' B.E. - 18'

+59- 15' B.E. - 17'

+29- PP - 19'

+24.5- E. Edge 4' Walk Bl. Tr. +32- 16' B.E. - 16.5'

15.R. +33- End Curb - 12.6' 13.4' 15.R.

+19- Bag Curb B. - 27.6' 28.4'

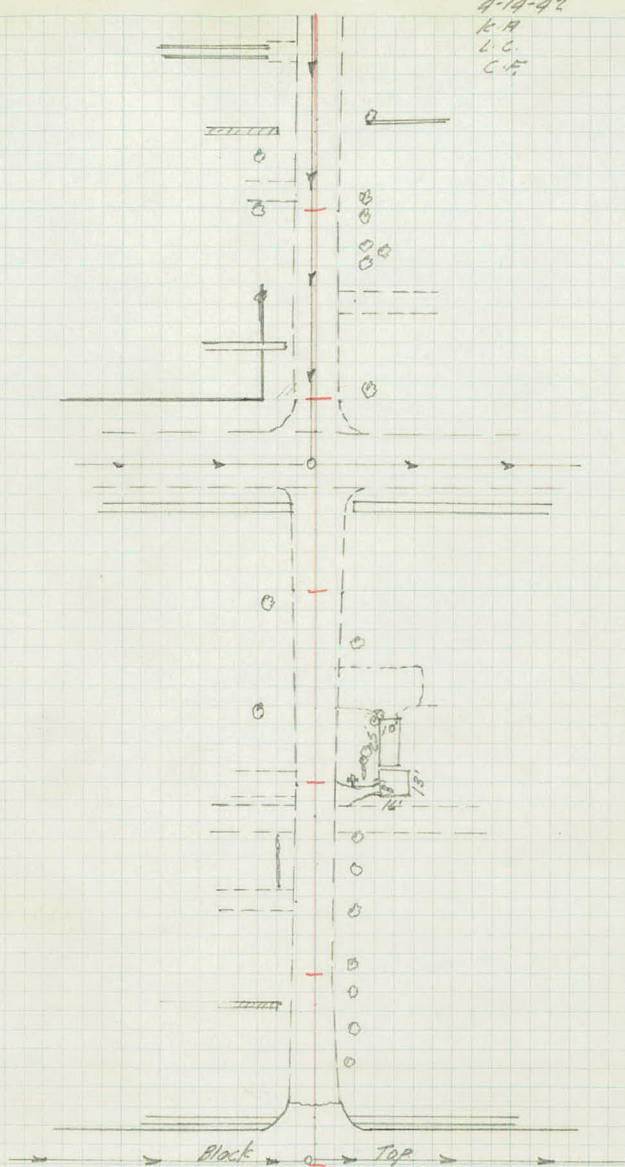
5' sq. Sewer

0100 +02- M.H. - 4'

N.S.

4-14-92
K.A.
L.C.
C.F.

3



f36 Int with RR ditch - 17'

7

18' wide }

f38- 60'-21'

f94- M.W. 95 West

f72- PP- 24'

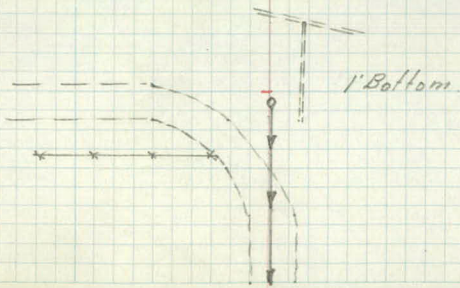
f66- F8- 37'

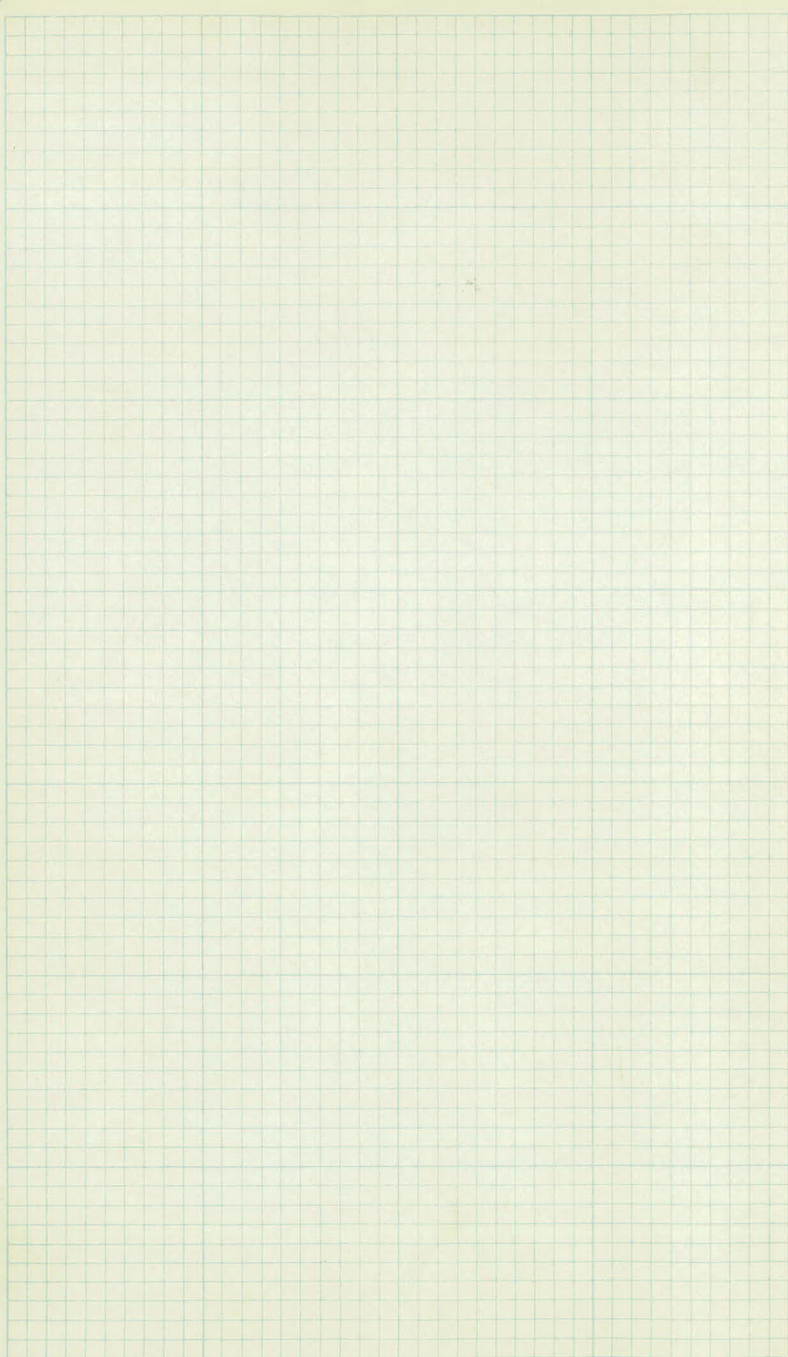
f65- 22' 0 f85- RR ditch - 14'

f35- 11' 12'

6

10 13'





xsections

Sta	+	π	-	Elev
B.M.	541	941.37		(935.96)

0	+00		546	35.91
---	-----	--	-----	-------

	+18			35.55
--	-----	--	--	-------

	+245 Edge SW.			35.87
--	---------------	--	--	-------

	+33			36.17
--	-----	--	--	-------

	+50			36.37
--	-----	--	--	-------

1				36.67
---	--	--	--	-------

	+50			36.67
--	-----	--	--	-------

	+82			36.87
--	-----	--	--	-------

LT

E

RT

Top East Edge M.H. Rim E 6th St. + White Bear Ave.

Top Curb 36.19

36.20

518 517
50 27.6595 586 582 582 593
50 27.6 28.4 50

36.20

Top Curb 36.17
517 520
28.4 50

36.2 Curb
 514 514 517 670 55 583 516 517
 50 31 15.3 15.3 16 16 50

36.4 Curb
 51 50 518 57 52 5.6 506 45 44
 50 26 12.6 12.6 13.4 13.4 18 50

36.6 37.1
 48 48 52 54 52 50 54 54 43 43 42
 50 30 15 11 8 9 13 18 30 50

36.8 36.8
 43 46 50 53 47 51 53 46 4.6 45
 50 30 19 12 7 13 18 30 50

36.7 36.3
 44 47 46 52 47 5.2 49 51 51
 50 30 17 12 13 18 30 50

36.8 36.7
 45 46 50 4.5 48 4.7
 50 25 11 13 50

Sta	+	π	-	Elev.
		941.37		
2				36.97
B.M.			0.74	940.63
	+50			37.17
3				37.37
	+41.5 Edge S.W.			37.17
	+55			37.17
	+66.5 M.H.			
	+69.89			37.77
	+85			37.17

Lt

E

Pt

$$\begin{array}{r} 9 \\ 36 \end{array}$$

$$\begin{array}{r} 1 \\ 37 \end{array}$$

46	44	49	44	50	44	43
39	15	11		13	19	32

Top Hyd. Pt. Sta. 1498

$$\begin{array}{r} 2 \\ 37 \end{array}$$

$$\begin{array}{r} 0 \\ 37 \end{array}$$

42	43	47	42	48	44	44	42
30	17	12		14	18	30	50

$$\begin{array}{r} 7 \\ 37 \end{array}$$

$$\begin{array}{r} 5 \\ 37 \end{array}$$

37	41	45	40	46	43	39
30	18	10		13	17	30

$\begin{array}{r} 37.91 \\ 346 \\ 50 \end{array}$
 $\begin{array}{r} 37.88 \\ 349 \\ 30 \end{array}$
 $\begin{array}{r} 37.93 \\ 344 \\ 126 \end{array}$
 $\begin{array}{r} 42 \\ 10 \end{array}$
 $\begin{array}{r} 42 \\ 12 \end{array}$
 $\begin{array}{r} 43 \\ 19 \end{array}$
 $\begin{array}{r} 345 \\ 30 \end{array}$
 $\begin{array}{r} 350 \\ 30 \end{array}$
 $\begin{array}{r} 353 \\ 50 \end{array}$

5 W. $\begin{array}{r} 37.87 \\ 37.87 \end{array}$

41	41	44	42	44	43	44
50	30	16		10	30	50

$\begin{array}{r} 27.53 \\ 13.84 \\ F.L. \end{array}$
 $\begin{array}{r} 37.73 \\ 3.64 \\ Top \end{array}$

36

42	42	44	42	43	42	44
50	30	16		15	30	50

Sta	+	π	-	Elev
		941.37		

4				37.67
T.P.	5.68	943.34	371	937.66.

+50				37.84
-----	--	--	--	-------

5				37.94
---	--	--	--	-------

+50				38.14
-----	--	--	--	-------

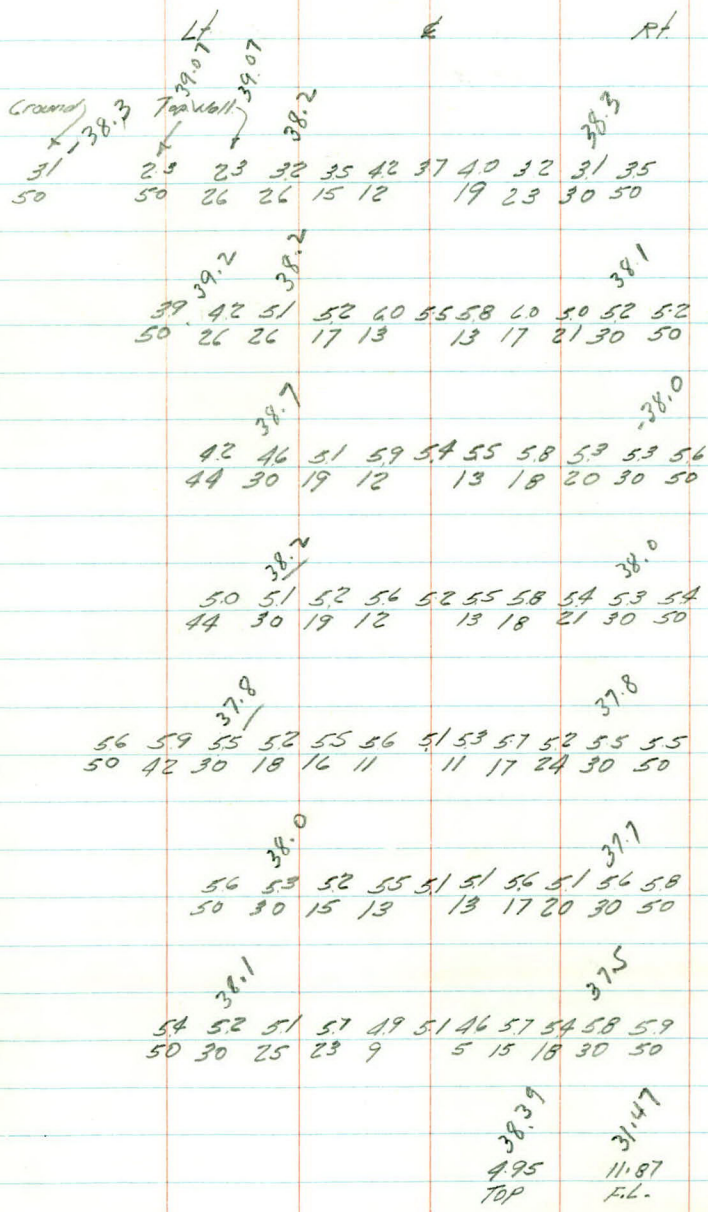
6				38.24
---	--	--	--	-------

+50				38.24
-----	--	--	--	-------

+6808				38.24
-------	--	--	--	-------

+94 M.H.				
----------	--	--	--	--

57.57



Sta.	+	π	-	Elev.
		943.94		

6	+9808			38.34
---	-------	--	--	-------

7	+2808			37.94
---	-------	--	--	-------

Top Cor & S.W. Cor Washington + 7th	5.90	37.44
--	------	-------

Top Cor & S.E. Cor Washington + 7th	5.90
--	------

B.M.	2.54	940.80.
------	------	---------

B.M.	4.93	938.41.
------	------	---------

LH

K

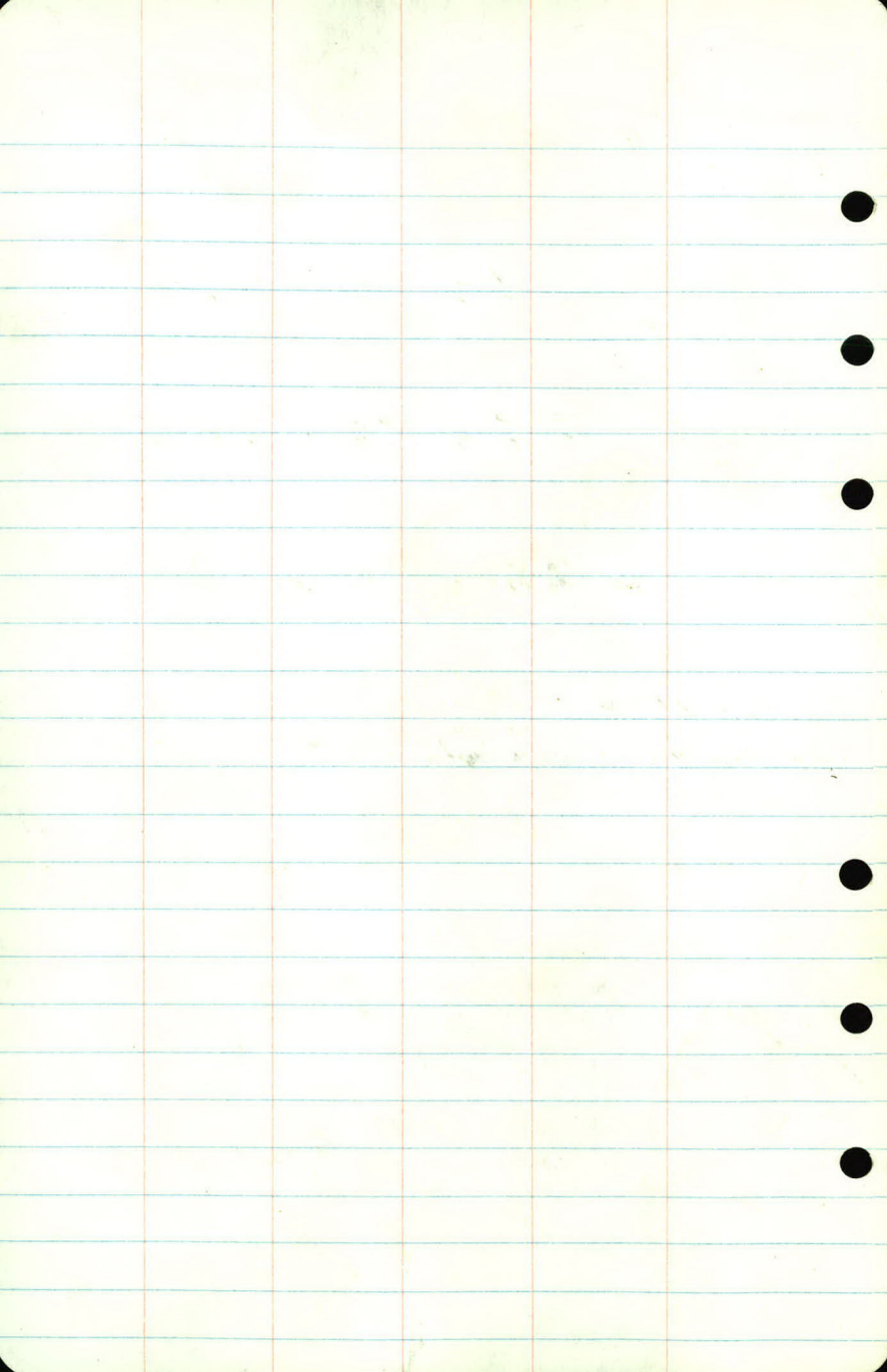
RH

38.3
 54 50 50 56 66 55 56 56
 50 30 13 16 18 30 50

38.0
 50 53 66 54 52 63 41 64 68 58
 50 30 17 13 16 21 30 39 50

Top Hyd. 7th St.

Top W. Rim M.H. of Washington 6th



Sixth St

White Bear Ave To Washington

Elev. on Sidewalks

Sta	+	π	-	Elev
B.M	5.73	941.69		935.96

0+84		WALK Lt		
------	--	---------	--	--

3+42				
------	--	--	--	--

3+48				
------	--	--	--	--

4+28				
------	--	--	--	--

4+85				
------	--	--	--	--

5+40				
------	--	--	--	--

5+43				
------	--	--	--	--

5+79		Drive strips		
------	--	--------------	--	--

5+84				
------	--	--	--	--

B.M			3.29	938.40	938.41
-----	--	--	------	--------	--------

Lt

Rt

Top East Edge M.H.R. in 0+00 Sixth & White Don.

$$\frac{4.93}{30}$$

$$\frac{5.11}{23}$$

$$\frac{3.82}{30}$$

$$\frac{3.72}{12.3}$$

$$\frac{3.75}{19.5}$$

$$\frac{3.82}{30}$$

$$\frac{3.91}{30}$$

$$\frac{3.77}{12.3}$$

$$\frac{3.82}{19.5}$$

$$\frac{3.92}{30}$$

$$\frac{3.40}{25}$$

$$\frac{3.50}{15.4}$$

$$\frac{3.17}{26.5}$$

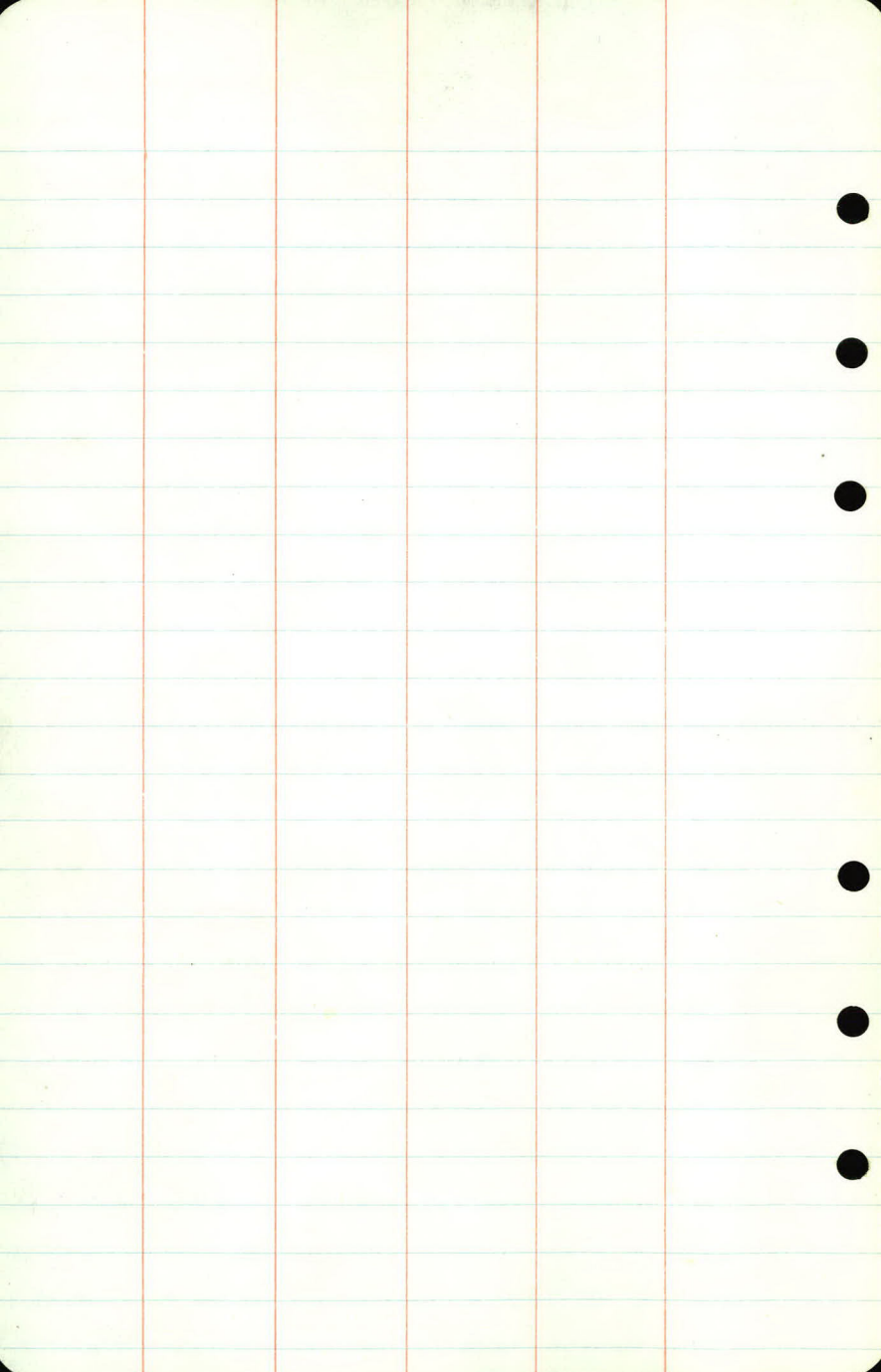
$$\frac{3.50}{22.3}$$

$$\frac{3.58}{22.6}$$

$$\frac{3.63}{27}$$

$$\frac{3.68}{27}$$

Top West Edge M.H.R. in Sixth & Wash



2 Levels.

Sixth St.

White Bear Ave. to Washington Ave.

Sta.	+	-	Elev.
B.M.	586	941.59	935.73

0	+00	57	35.9
---	-----	----	------

	+1.8	6.05	35.54
--	------	------	-------

	+29	5.5	36.1
--	-----	-----	------

	+50	5.2	36.4
--	-----	-----	------

1		50	36.6
---	--	----	------

	+50	4.9	36.7
--	-----	-----	------

2		4.7	36.9
---	--	-----	------

	+50	4.4	37.2
--	-----	-----	------

3		4.2	37.4
---	--	-----	------

T.P.	529	949.22	937.93
------	-----	--------	--------

	+40	6.1	37.1
--	-----	-----	------

	+60	6.1	37.1
--	-----	-----	------

	+70	5.5	37.7
--	-----	-----	------

Rain

3-20-42

L.H.

L.C.

C.F.

2

Lt.

2

Rt.

Top E. Edge M.H. Rim White Bear Area 7th St.

West Gutter.

Approx to Division St.

Sta	+	x	-	Elev
		943.22		
3	+84		6.1	37.1
4			5.5	37.7
	+50		5.4	37.8
5			5.2	38.0
	+50		5.1	38.1
6			5.0	38.2
	+50		5.0	38.2
	+96		4.9	38.3
7	+42		6.5	36.7
B.M.			2.42	940.80
				(940.81)

Lt

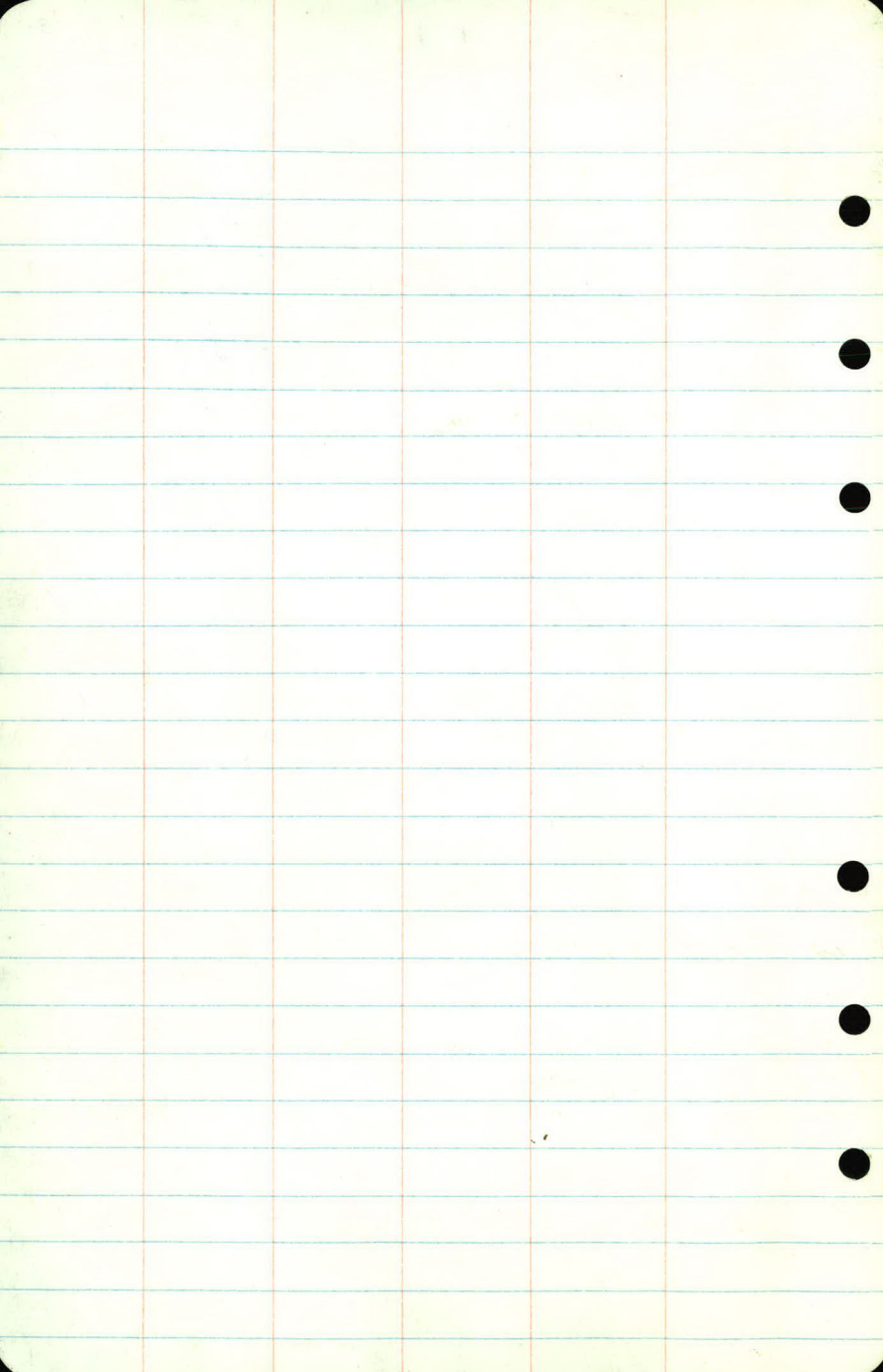
E

Rt

East Gutter

Approx. E Washington Ave.

in R.R. ditch and has approx. 0.0 grade.
Top Hyd. Lt Sta 81 (7th St.)



City of White Bear Lake

August 18, 1952

Set corner stake at S. E. corner of 6th Street and Stewart Avenue,
and S. W. corner of 6th and alley east thereof.

HSB ADC LHP [✓]WB JK AB WC

282.50
 50.00
 80.00
 412.50
 -40
 372.50

11107.20
 7134.39
 372.81