

Book 14 Dr 13

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

PLAN

Survey

SEVENTH Str.

From 3rd To 2nd

New Brighton

Road Acc't. No.

Date Filed. 1-30-43

File

Plan Survey

Seventh Str

From W. Prop Line 3rd To 2nd St

Index	Pages
Align	1 to 3
Topog	3 to 6
X Sect	6 to 10

HAW

AM

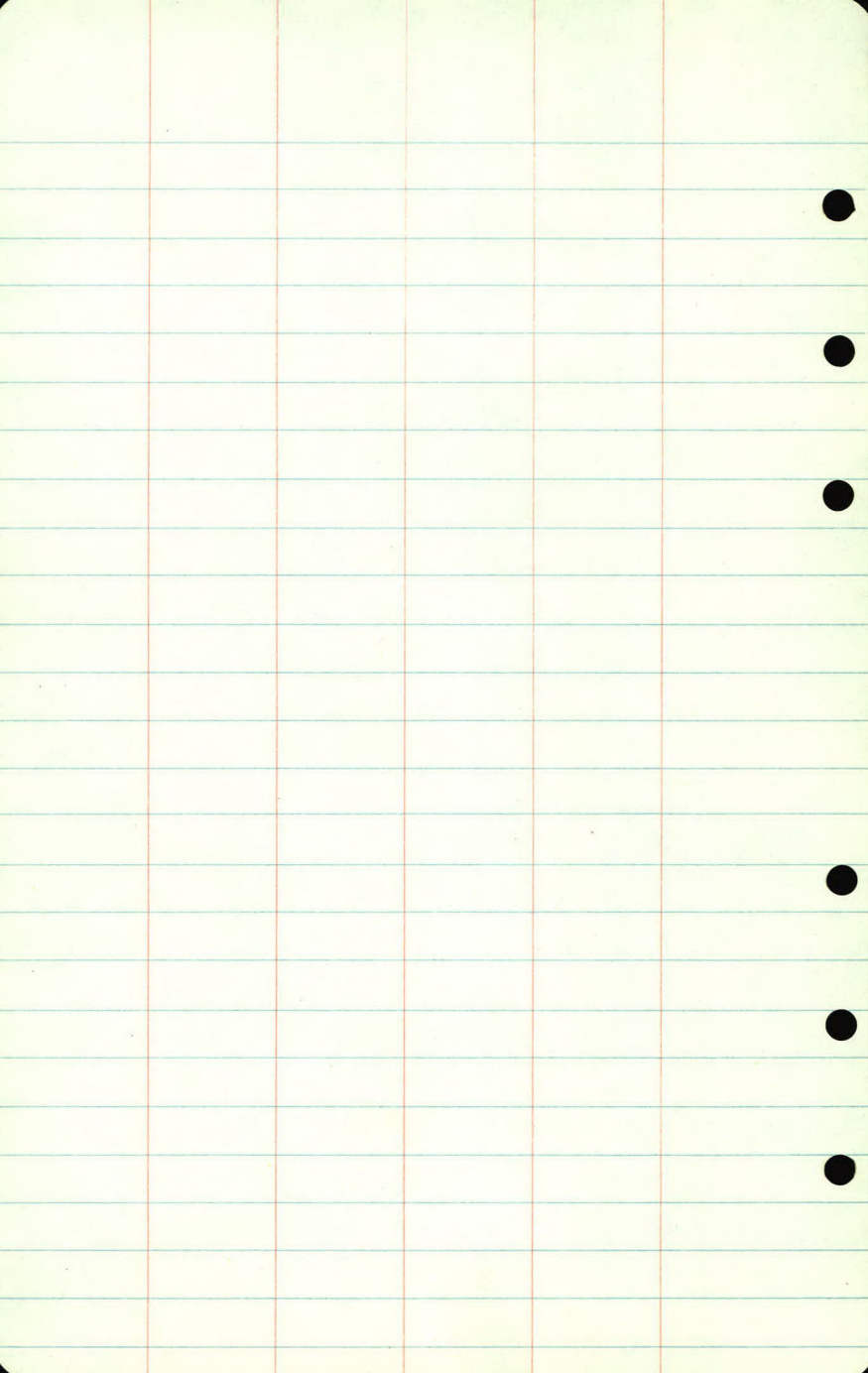
LC

LL

CF

Turned into office 9/16/42

Drawn up 9/142 WJB



Align

Seventh St.

Sta

pt

ALT DR7

9+78.00

POT

£ First St

6+52.00

POT

£ 2nd St

3+26.00

POT

£ 3rd St

0+00

£

4th St

12" Twin Oak 63.83' Description 35.03' 8" Oak

E Line Sec 29

Cor Found

74.58'

90°01'

Spk.

62.22'

39.85'

* Hyd

Cor Ho Found

Cor Ho

69.12'

Cor Found

70.12'

Spk.

41.86'

Hyd.

Found Ho

65.33'

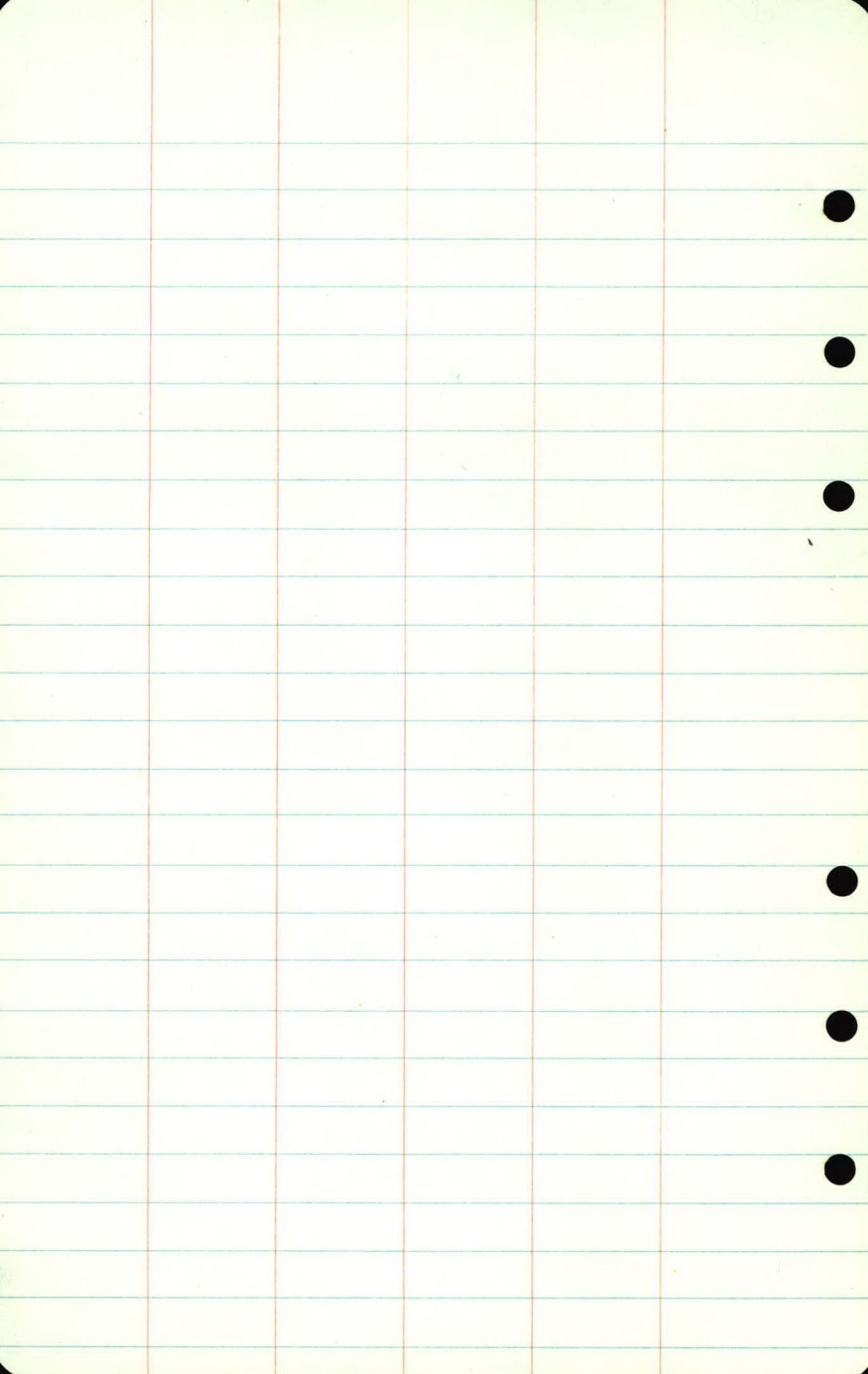
39.46'

Hyd

Boat Spk.

70.05'

Found Ho



To Post
Seventh St

5

11 7

4

13' 9'

+26 End 12"CM 16

12'X26'CM

+06 End 12"CM 17'

3

14' +08 15"X30'X Drain

16'

2

+81 P.P. 24

+15 3" Pop 27'

+100 P.P. 23'

+81 S.W. Cor Ho 41'

+76 2" Elm 26'

+55 2" Elm 26'

+45 End Rad 11'

+35 Beg Rad 25'

+15 End Rad 19'

+11 End Gutter 15'

+05 Beg Rubble Gutter 14'

+04 Arc L.P. 22'

+00 Water Valve 16'

+00 Beg Rad 11'

+91 End Curb 13'

+75 Curb 13'

2' Conc. Apron

20'

30'

25'

1 S.F.

+10 Cor Wall 27'

Wall 28'

+85 N.W. Cor Ho 36'

+56 Beg Wall 28'

+52 End Rad. 9'

+38 Beg Rad 20'

+16 End Rad 20'

+00 Beg Rad 10'

+90 End Curb 13'

+90 Hyd 22'

+75 Curb 13'

7

16 +70 15" X 32' CM X Drain 16'

29.5' +33 15" X 48' CM X Drain 18.5'

6 11' 7'

+78 S W Cor Ho. 35'

+67 N W Cor Ho. 40'

+55 N W Cor Gar. 36'

Note - V Type
Rubble Gutters

+77 End Rad 10'

+74 Beg Gut Her 13'
+66 Beg Gut Her 15'
+64 Beg Rad 19'



+75 End Gut Her 13-23'

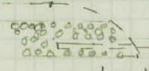
+75 End Rad 13'

+65 Beg Rad 19'
+65 Gut Her 19'



+44 End Rad 35'

+38 Gut Her 24'
+32 Gut Her 24'



+40 End Rad 25'

+32 Gut Her 32'

+29 Hyd 32'

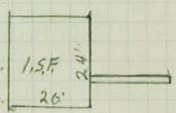
+29 P.P 25'

+23 Beg Rad 11'

+26 Beg Rubble Gutter 13'

+26 Beg Rad 13'

+86 Cen 2.5' Walk 14'



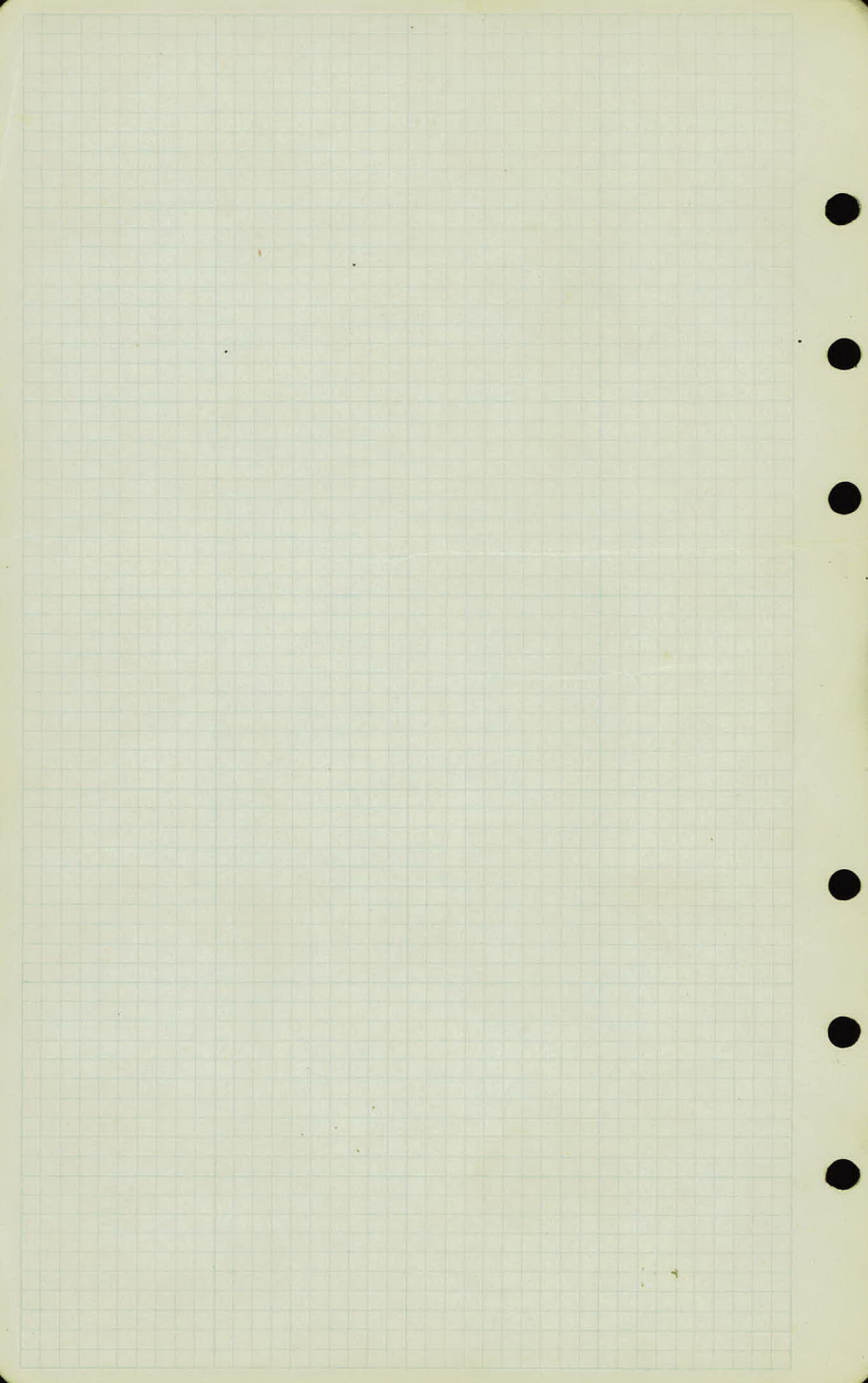
+66 4" Elm 16'

+51 X Wall 22'



Gar 20'

+55 Conc Apron 33'



X Sections
4th St

Sta	+	Δ	-	Elev
B.M.	3.54	920.02		916.48
B.M.			3.76	916.26

2	+90			13.8
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3				13.6
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	+08			13.5
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	+12			13.4
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	+26			13.2
--	-----	--	--	------

	+37			13.1
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	+45			12.9
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	+55			12.5
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4				10.1
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	+23			08.6
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	+40			07.5
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T.P.	1.86	908.69	13.19	906.83
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Lt.

#

Rt

Top Hyd. S.E. Cor 4th Ave. + 7th St.Top Hyd S.W. Cor. 3rd Ave + 7th St.

	¹⁵⁵		¹³⁸⁰		¹³⁷		¹⁹¹	
			Top Curb.					
$\frac{4.6}{42}$	$\frac{4.5}{32}$	$\frac{6.4}{20}$	$\frac{6.2}{13}$	$\frac{6.9}{13}$	$\frac{6.3}{13}$	$\frac{6.3}{13}$	$\frac{5.9}{21}$	$\frac{0.9}{32}$
				6.2				$\frac{0.0}{50}$

	¹³⁹				¹⁸⁵			
$\frac{7.3}{41}$	$\frac{6.1}{25}$	$\frac{6.5}{15}$	$\frac{7.1}{12}$	6.4	$\frac{6.2}{12}$	$\frac{6.0}{22}$	$\frac{1.5}{33}$	$\frac{0.2}{50}$

	⁰⁸⁹		^{F.I.}			^{F.I.}	¹³²	
$\frac{12.6}{50}$	$\frac{9.6}{15}$	$\frac{8.3}{14}$	4.5	$\frac{6.2}{13}$	$\frac{7.8}{15}$	$\frac{6.8}{26}$	$\frac{4.4}{39}$	$\frac{3.5}{50}$

$\frac{11.5}{50}$	$\frac{8.7}{19}$		6.6	$\frac{5.9}{15}$	$\frac{3.6}{50}$
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$\frac{12.7}{75}$	$\frac{11.1}{50}$	$\frac{8.7}{25}$	6.8	$\frac{5.2}{25}$	$\frac{3.6}{50}$	$\frac{2.0}{75}$
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$\frac{11.0}{50}$	$\frac{8.6}{22}$	$\frac{8.4}{16}$	6.9	$\frac{6.3}{12}$	$\frac{5.4}{22}$	$\frac{3.5}{50}$
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	⁰⁸⁸					¹⁴⁵	
$\frac{12.0}{50}$	$\frac{11.2}{25}$	$\frac{7.8}{16}$	7.1	$\frac{6.5}{13}$	$\frac{7.7}{18}$	$\frac{7.1}{27}$	$\frac{5.5}{29}$
							$\frac{5.0}{50}$

	⁰⁸⁵					¹³⁵	^{Top Wall}
$\frac{12.1}{50}$	$\frac{11.5}{24}$	$\frac{8.0}{15}$	$\frac{8.0}{11}$	7.5	$\frac{7.3}{10}$	$\frac{8.6}{16}$	$\frac{8.6}{19}$
						$\frac{4.5}{25}$	$\frac{4.5}{28}$
						$\frac{4.2}{29}$	$\frac{4.0}{50}$

	⁰⁷⁴					¹¹⁵	^{Top Wall}
$\frac{12.8}{43}$	$\frac{12.6}{24}$	$\frac{10.5}{14}$	$\frac{10.6}{10}$	9.9	$\frac{9.9}{9}$	$\frac{11.5}{15}$	$\frac{11.5}{18}$
						$\frac{8.5}{23}$	$\frac{8.5}{29}$
						$\frac{4.1}{29}$	$\frac{4.0}{36}$

	⁰⁶³					¹¹⁴	^{Int. g.c.}
$\frac{14.1}{50}$	$\frac{13.7}{19}$	$\frac{11.9}{14}$	$\frac{12.1}{10}$	11.4	$\frac{11.3}{9}$	$\frac{13.2}{12}$	$\frac{13.2}{18}$
						$\frac{8.6}{30}$	$\frac{5.9}{35}$
						$\frac{5.7}{50}$	

	⁰¹⁸					¹³²	
$\frac{22.7}{50}$	$\frac{18.2}{27}$	$\frac{12.8}{14}$	$\frac{13.0}{10}$	12.5	$\frac{12.4}{10}$	$\frac{13.8}{12}$	$\frac{13.8}{21}$
						$\frac{4.8}{33}$	$\frac{5.7}{50}$

Sta	+	Δ	-	Elev.
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908.69

4	+80			04.7
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5				03.6
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	+50			02.6
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	+63			02.5
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+86

6				02.3
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	+25			02.5
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	+33			02.4
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	+39			02.6
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	+52			02.4
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	+64			02.9
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Lt.

±

Rt.

95.3

$\frac{15.6}{50}$	$\frac{13.9}{33}$	$\frac{4.2}{13}$	$\frac{4.4}{6}$	4.0	$\frac{4.1}{10}$	$\frac{4.3}{13}$	$\frac{4.3}{21}$	$\frac{1.5}{27}$	$\frac{0.0}{50}$
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07.2

94.6

$\frac{15.7}{50}$	$\frac{14.1}{33}$	$\frac{5.0}{13}$	$\frac{5.6}{7}$	5.1	$\frac{5.1}{11}$	$\frac{4.8}{12}$	$\frac{4.9}{21}$	$\frac{3.1}{26}$	$\frac{0.5}{50}$
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05.0

Top Wall

Top Wall

$\frac{15.2}{50}$	$\frac{12.6}{50}$	$\frac{13.6}{23}$	$\frac{11.2}{23}$	$\frac{6.3}{12}$	$\frac{6.3}{9}$	6.1	$\frac{5.9}{10}$	$\frac{3.7}{34}$	$\frac{0.2}{50}$
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05.0

01.5

$\frac{7.7}{50}$	$\frac{7.2}{30}$	$\frac{6.2}{13}$	6.2	$\frac{6.0}{12}$	$\frac{5.4}{24}$	$\frac{3.87}{39}$ Ent. gar.
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04.82

02.17

$\frac{6.52}{14}$	2.5 Walk
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01.7

$\frac{7.0}{36}$	$\frac{6.4}{14}$	$\frac{6.7}{13}$	6.4	$\frac{6.3}{11}$	$\frac{6.6}{14}$	$\frac{6.1}{22}$	$\frac{0.1}{36}$	$\frac{0.0}{50}$
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02.6

01.7

$\frac{7.1}{50}$	$\frac{7.0}{29}$	$\frac{6.6}{16}$	$\frac{7.0}{13}$	$\frac{6.7}{10}$	6.2	$\frac{6.3}{14}$	$\frac{7.2}{17}$	$\frac{7.2}{22}$	$\frac{5.5}{26}$	$\frac{2.7}{35}$	$\frac{0.0}{50}$
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03.2

F1.991

$\frac{11.5}{50}$	$\frac{9.67}{29}$	$\frac{7.6}{20}$	$\frac{6.9}{19}$	6.3	$\frac{6.2}{15}$	$\frac{7.78}{18.5}$	$\frac{6.7}{31}$	$\frac{5.1}{50}$
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F1.

02.0

01.0

$\frac{9.9}{50}$	$\frac{7.7}{26}$	$\frac{6.6}{11}$	6.1	$\frac{6.0}{16}$	$\frac{5.3}{28}$	$\frac{3.9}{50}$
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03.5

00.7

$\frac{9.6}{50}$	$\frac{8.0}{31}$	$\frac{6.9}{14}$	6.3	$\frac{5.5}{18}$	$\frac{4.3}{40}$	$\frac{3.6}{50}$	$\frac{2.9}{65}$
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04.4

01.1

$\frac{9.7}{50}$	$\frac{7.6}{23}$	$\frac{6.5}{11}$	5.8	$\frac{5.7}{15}$	$\frac{4.7}{34}$	$\frac{3.7}{50}$
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04.0

Sta	+	π	-	Elev
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		908.69		
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6+70				03.0
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B. M.			1.70	906.99✓
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T. P.	9.46	917.30	0.85	907.84
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B. M.	3.99	920.24	1.05	916.25
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B. M.			3.76	916.48
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Lt.				±	Rt.			
99.5					92.6			
10.6	9.2	8.25	6.3		5.6	2.6	6.6	5.0
50	30	16	13		5.7	15	22	34
								50

Top Hyd. S.W. Cor. 2nd Ave & 7th St.

Top Hyd S.W. Cor. 3rd Ave & 7th St.

Top Hyd S.E. Cor 4th Ave & 7th St.

