

Bk. 35 Dr 14

OFFICE OF COUNTY ENGINEER  
RAMSEY CO. MINN.

Plan Survey

Fifth Str.

From Stickley Blvd To Banning Ave

Road Acc't. No.

Filed 6-11-41

File

Plan Survey

FIFTH ST.

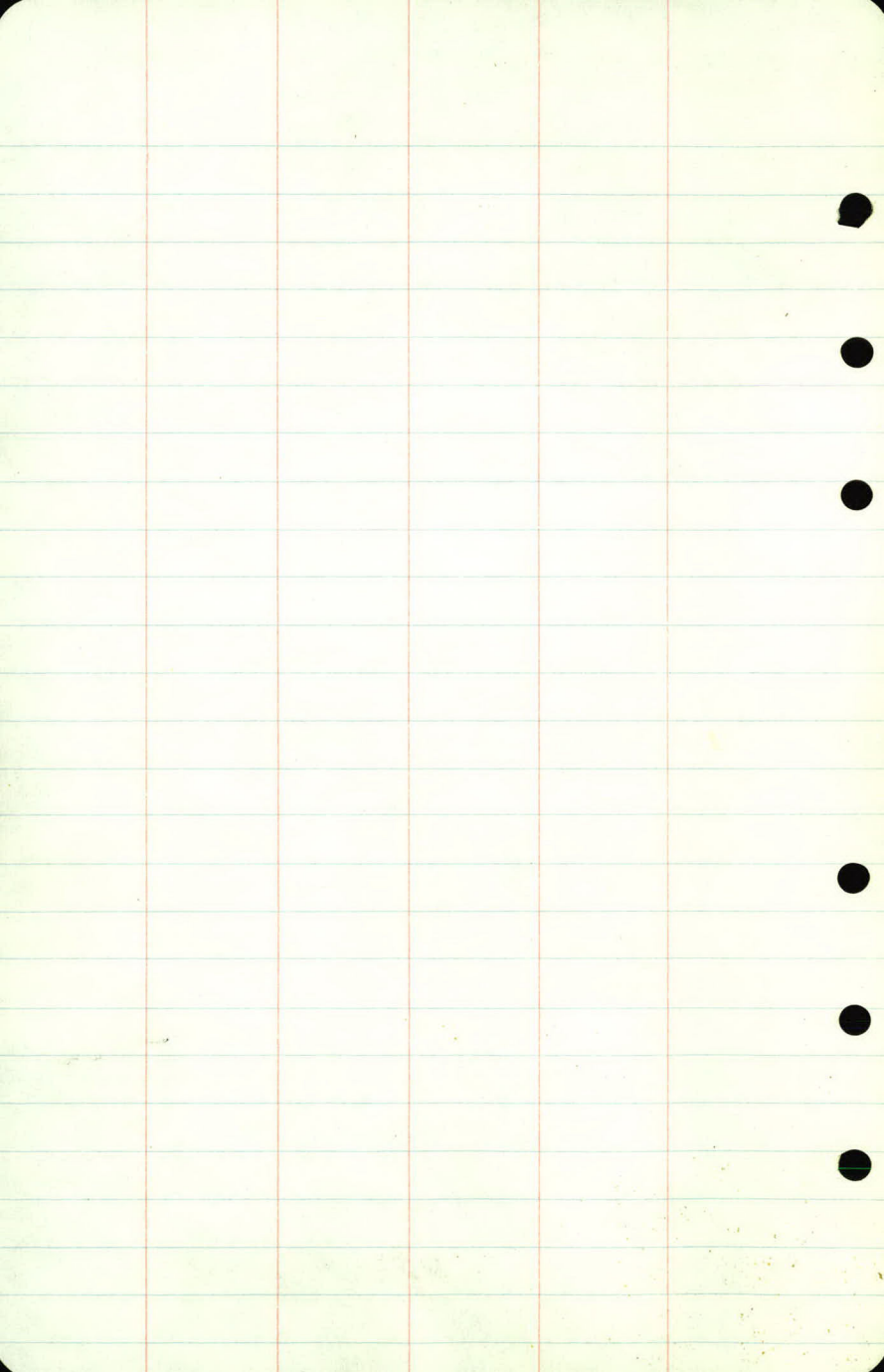
Stickley Blvd to Banning Ave.

Align - 1-2

Topog - 2-3

Xsections - 5-7

Reid. 5-2-41 wgs.  
Plans Completed 6/3/41



1

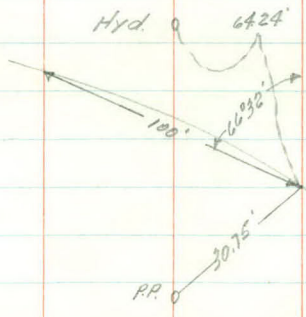
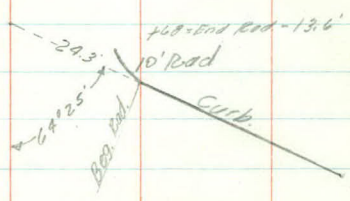
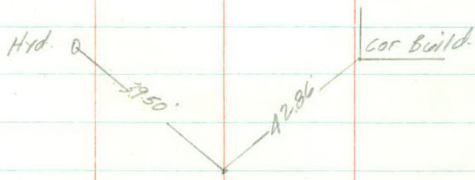
*Alignment*

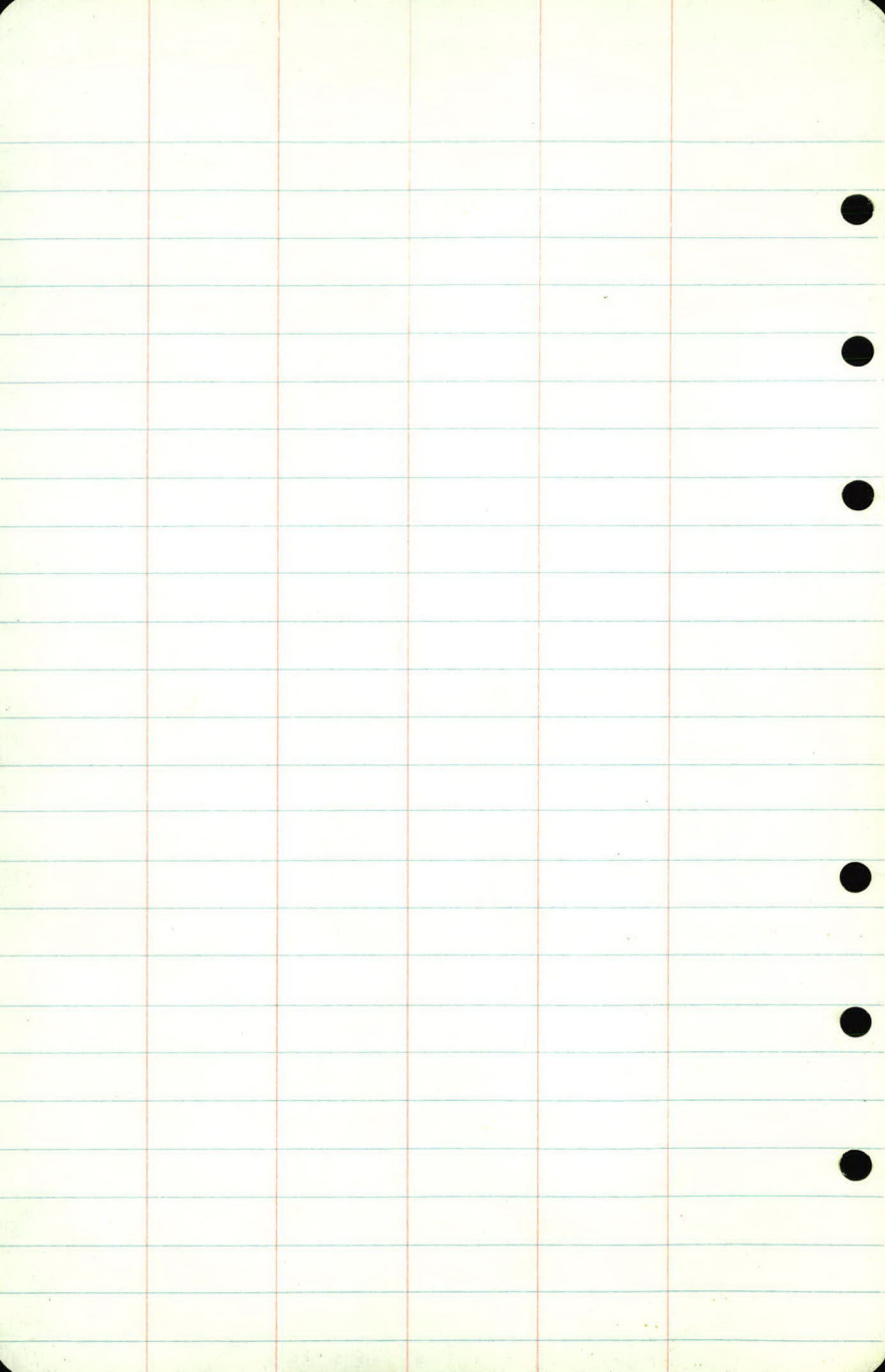
| Sta | Point | $\Delta$ Lt. | $\Delta$ Bl. |
|-----|-------|--------------|--------------|
|-----|-------|--------------|--------------|

|   |                          |  |  |
|---|--------------------------|--|--|
| 3 | +50.40 = E. Banning Ave. |  |  |
|---|--------------------------|--|--|

|   |       |        |  |
|---|-------|--------|--|
| 0 | +69.2 | P.O.T. |  |
|---|-------|--------|--|

|   |                          |  |  |
|---|--------------------------|--|--|
| 0 | +100 = E. Stickley Blvd. |  |  |
|---|--------------------------|--|--|







Topography



+31-End Curb-29' Rad.

+40.4-M.H.-10'

+31-End Curb-29.6' Rad.

+31-Edge Bl Top Along Draining

+21-W. Edge S.W. Culvert Ponding

Curb Info is at Ctr of Radius on all 4 Corners.

+16-Beg. 15' End-14'

+16-Beg. 15' End-136'

3 SW-28-22' Curb-19'

12' SW-21.7'-27.7'

+87-24" Cuff-20'

+71-30" Cuff-20'

+52-Beg. Curb-

+44-End-

+37-End Curb-

+34-2' wide Walk -

+23-End-

2 SW-28-22'

12' SW-22-28'

+94-End Curb For E. Edge Driv.

+52-20" O-20'

+70-PP-17.3'

+76-End

+70-PP-16.5'

+52-Drain Under S.W. 1' wide Steel Top

+44-End

+33-End

1 SW-27-21.4'

14' 12' SW-22'-28'

+61-Hyd-21'

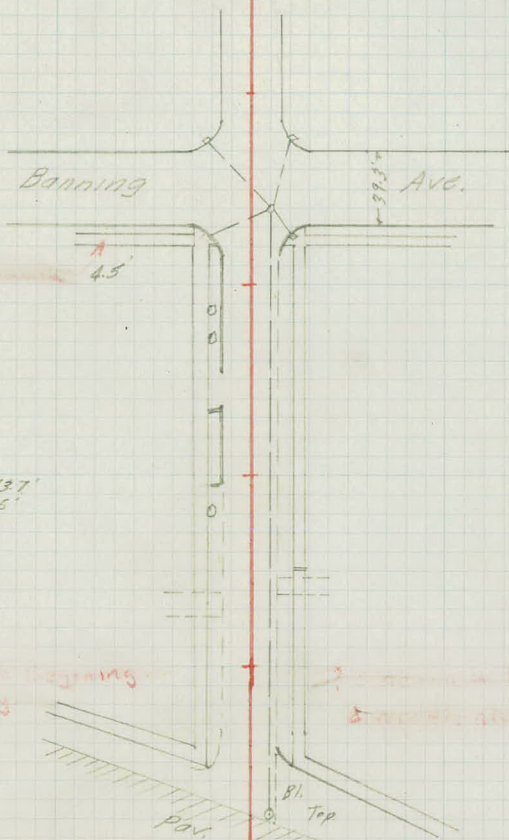
+67-Cor Bl Top-12'

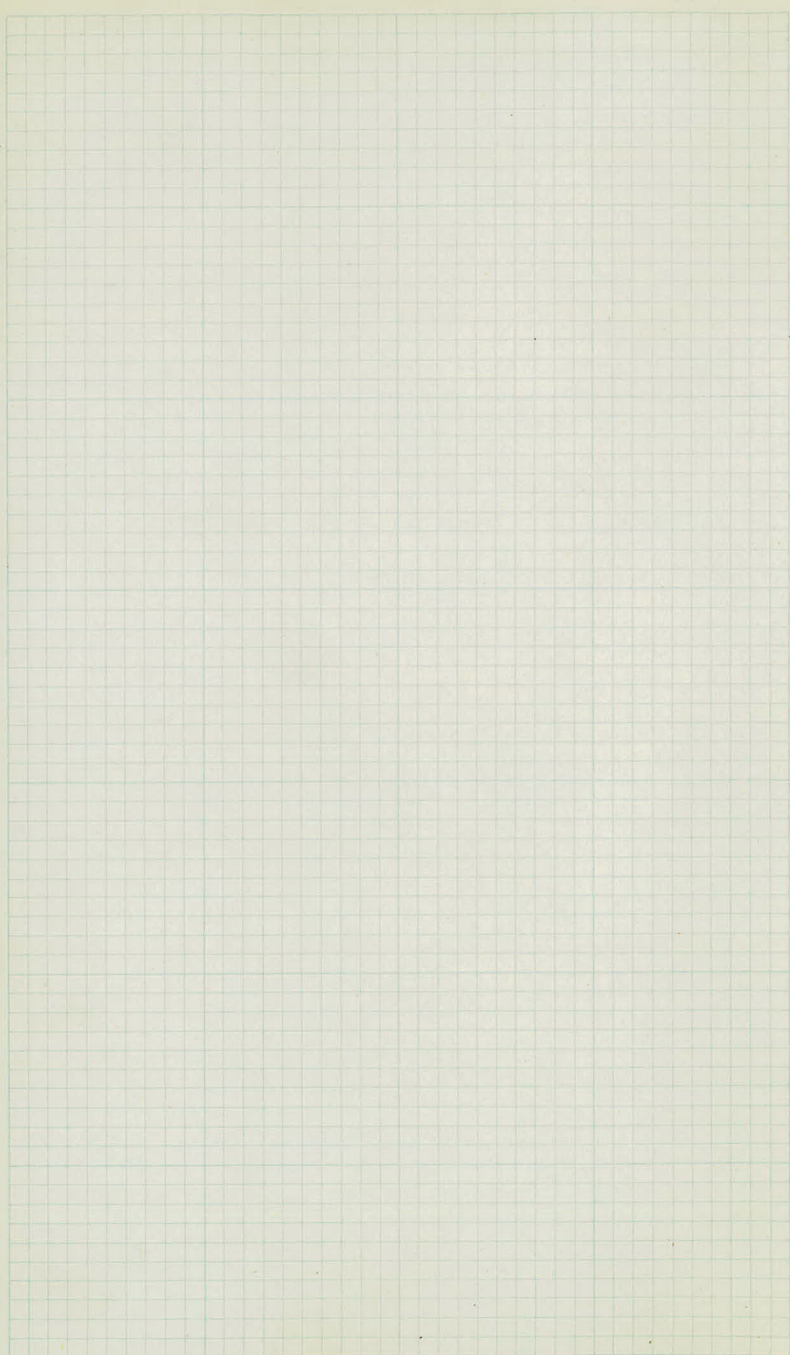
+65-SW-22'-28'

+22-Edge Box R. & +23-M.H.-10'

+17-Cor Bl Top +24-12'

0+00





xsections

| Sta. | +    | $\pi$               | - | Elev     |
|------|------|---------------------|---|----------|
| B.M. | 2.20 | 943.73 <sup>✓</sup> |   | (941.53) |

0 +00

+22 Along Edge Pav.

+23

+42

+48.7

+54

+61

+68

+69.2 00 = 29.3' Rt. Along Curb in Gutter

+80

Lt.

R

Rt.

Top Hyd. N.E. Cor 5<sup>th</sup> St & Stickley Blvd.

38.08  
565

38.32  
540 541 537  
50 50 50

5.21  
Top M.H.

38.73  
541 52 52 50 5.19 5.51  
50 50 20 12 50

39.22  
5.14 38.83  
451 50 49  
213 15

39.23  
5.14 5.14 38.83  
450 451 51 49  
31 213 17

38.90  
5.14 5.14 38.93  
483 490 5.1 48  
273 213 15

38.88 38.93 38.79 Curb. 39.03  
45 44 485 501 51 48 54 4.94 4.82 470  
50 30 26.7 213 15 137 137 22 28

528 5.49 565  
00 50 100

38.70 38.73 38.91  
4.8 503 5.10 52 50 54 51 490 482  
30 274 21.6 15 13 15 22 28

38.42 38.53 38.66  
531 535 55 52 56 52 5.10 50.7  
275 214 14 12 14 22.0 28



Sta.      +      x      -      Elev

943.73

1      +52 Elev Drain Under S.W. El

T.P.      4.67      942.92<sup>✓</sup>      5.48      938.25

2

+50

3

+16

+28 Elev. Gork Inlet W. El.

+31 In Gutter

+50.4

B.M.      2.32      940.60<sup>✓</sup>

Lt

R

Rt

38.29  
452 454 461 51  
277 217 197 137

38.31  
46 19 46 450 497  
13 16 217 277

38.13  
6.0 56 53  
22 28 41

38.32  
472 484 486 53  
278 218 14 14

38.12  
48 51 47 459 450  
13 15 217 277

38.45  
472 484 486 53  
278 218 14 14

38.42  
48 51 47 459 450  
13 15 217 277

37.90  
502 511 509 5.5  
28.0 22.0 14 14

37.82  
51 53 50 483 472  
13 14 217 277

37.88  
504 516 514 57  
28 22 14 14

37.78  
53 55 4.96 484 477  
13 12 217 277

37.62  
53 55 4.96 484 477  
13 12 217 277

37.96  
484 477  
217 277

38.15  
477 277

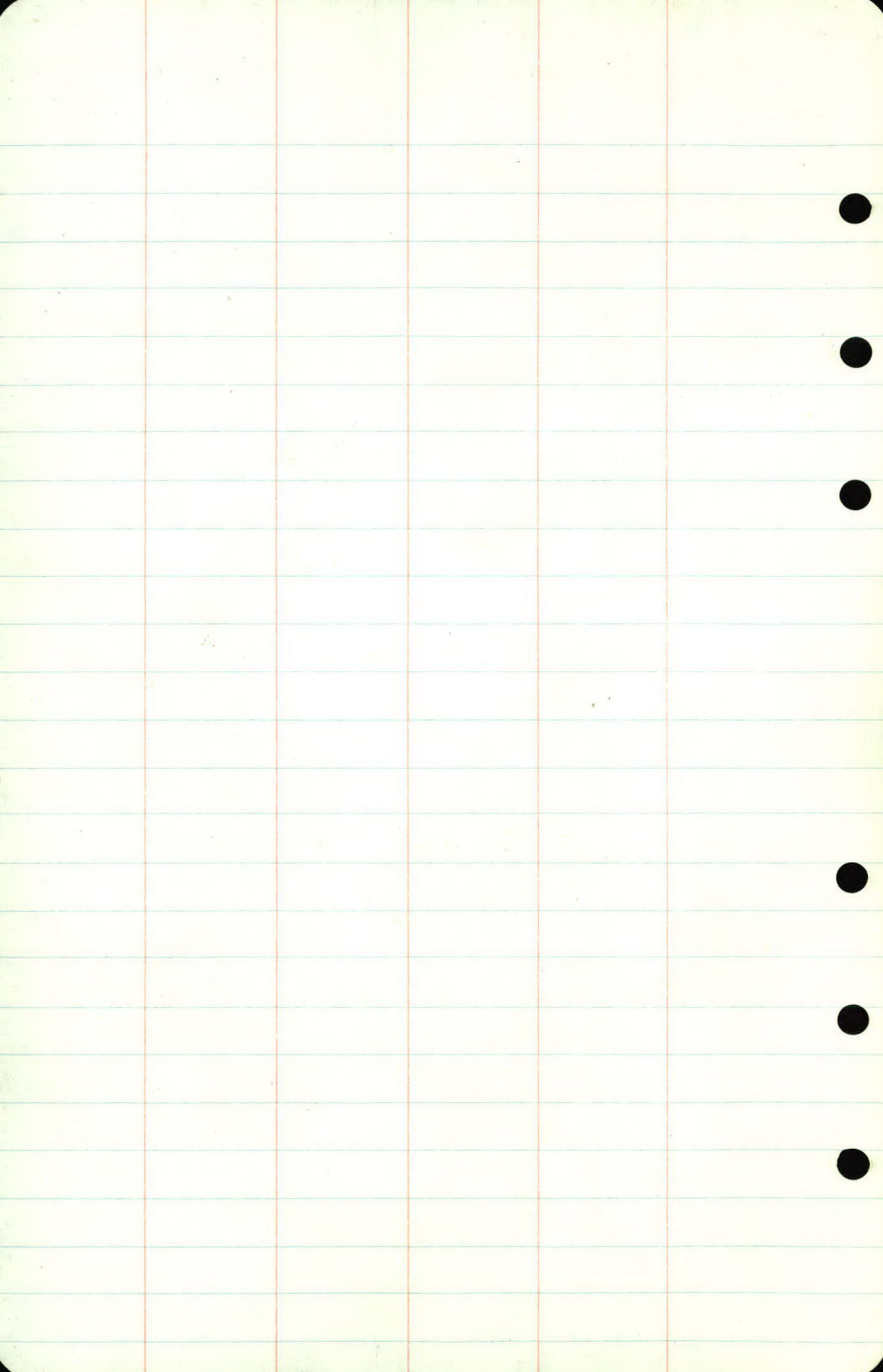
36.80  
6.12

37.07  
5.85

37.62  
55 56 56 53 5.5 54 54  
50 26 13 16 30 50

38.02  
49

Top Hyd. N.E. Cor. 5<sup>th</sup> St & Banning Ave.



Staking Notes.

Fifth St.

W. Bear.

sewer

| Sta. | +    | -      | Grade  | New<br>Grade. |
|------|------|--------|--------|---------------|
| B.M. | 1.38 | 942.91 |        | <u>941.53</u> |
| 0    | +25  |        | 932.37 | 33.14         |
|      | +50  |        | 32.42  | 33.24         |
|      | +75  |        | 32.47  | 33.34         |
| 1    |      |        | 32.52  | 33.44         |
|      | +25  |        | 32.57  | 33.54         |
|      | +50  |        | 32.62  | 33.64         |
|      | +75  |        | 32.67  | 33.74         |
| 2    |      |        | 32.72  | 33.84         |
|      | +25  |        | 32.77  | 33.94         |
|      | +50  |        | 32.82  | 34.04         |
|      | +75  |        | 32.87  | 34.14         |

Gr. Red.

Top Hyd. N.E. Cor. Stickley Blvd. & 5<sup>th</sup> St.

$$10.54 \quad \begin{array}{r} 4.91 \\ + 6.23 \\ \hline \end{array} \quad +5.46$$

$$10.49 \quad \begin{array}{r} 4.43 \\ + 6.06 \\ \hline \end{array} \quad +5.24$$

$$10.44 \quad \begin{array}{r} 4.24 \\ + 6.12 \\ \hline \end{array} \quad +5.33$$

$$10.39 \quad \begin{array}{r} 4.29 \\ + 6.1 \\ \hline \end{array} \quad +5.18$$

$$10.34 \quad \begin{array}{r} 4.34 \\ + 6.10 \\ \hline \end{array} \quad +5.03$$

$$10.29 \quad \begin{array}{r} 4.79 \\ + 5.50 \\ \hline \end{array} \quad +4.48$$

$$10.24 \quad \begin{array}{r} 4.74 \\ + 5.5 \\ \hline \end{array} \quad +4.43$$

$$10.19 \quad \begin{array}{r} 4.69 \\ + 5.5 \\ \hline \end{array} \quad +4.38$$

$$10.14 \quad \begin{array}{r} 4.74 \\ + 5.40 \\ \hline \end{array} \quad +4.23$$

$$10.09 \quad \begin{array}{r} 4.79 \\ + 5.90 \\ \hline \end{array} \quad +4.08$$

$$10.04 \quad \begin{array}{r} 5.14 \\ + 4.90 \\ \hline \end{array} \quad +3.63$$



| Sta. | + | $\pi$  | -    | Grade. |        |
|------|---|--------|------|--------|--------|
|      |   | 942.91 |      |        |        |
| 3    |   |        |      | 32.92  | 34.24  |
| +20  |   |        |      | 32.96  | 34.32  |
| +40  |   |        |      | 33.0   | 34.4   |
| B.M. |   |        | 1.38 | 941.53 | 941.53 |

Gr. Rod.

$$9.99 \quad \begin{array}{r} 5.99 \\ + 4.9 \\ \hline \end{array} + 3.58$$

$$9.95 \quad \begin{array}{r} 4.75 \\ + 5.20 \\ \hline \end{array} + 3.84$$

$$9.91 \quad \begin{array}{r} 5.12 \\ + 4.79 \\ \hline \end{array} + 3.72$$

Top Hyd. N.E. Cor Stickley Blvd. & 5<sup>th</sup> St.

