

Book 95 Dr 16

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

PLAN Survey

STILLWATER STR.

From O Her Lk Rd. To Division Str

Ditch Stake

Road Acc't. No. 32

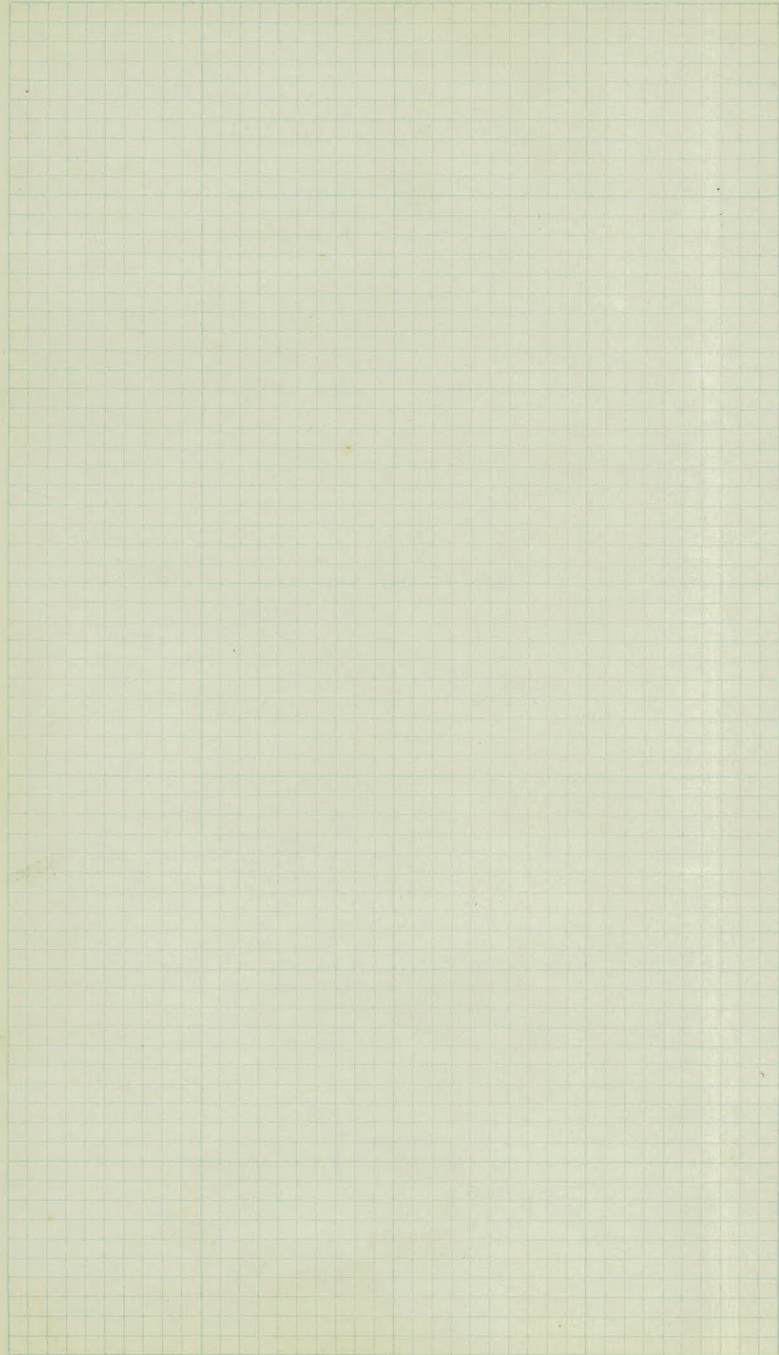
Date Filed 1-30-43

File

PLAN SURVEY /
STILLWATER ST.
Otter Lake Rd to Division Ave

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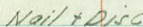
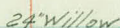
11/3/41



1

Alignment

Sta	Point	ΔLt	ΔRt
26	+74.84 P.O.T.		
	+4210 P.T.	22° 29'	
26		18° 16'	
	+75	15° 46'	$\Delta 44° 58'$
	+50	13° 16'	D-20°-
	+36.47 P.I.		T-119.17'
	+25	10° 46'	L-229.80'
25		8° 16'	R-287.94'
	+75	5° 46'	
	+50	3° 16'	
24	+17.30 P.C.	0° 00'	
9	+45.0 P.O.T.	0° 00'	
0	+0.0		



End Luke

89042

Ctrl sec 10

5 1/4 Cor.

sec. 10

+ on

St. signa

Sta Point Δ Lt. Δ Rt.

67 +81.45 = E Division St.

53 +45.44 P.O.T. = E Bald Eagle Ave

+3224 PT.

22°33.5'

29

19°25'

+75

16°55' Δ 45°17'

+50

14°25' Δ 20' -

+2592 P.I.

T-12010'

+25

11°55' L-22642'

28

9°25' R-28794'

+75

6°55'

+50

4°25'

+25

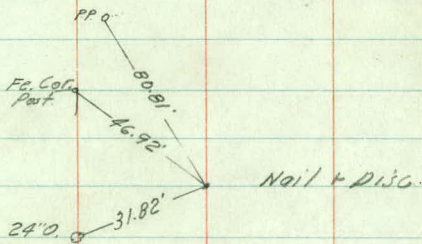
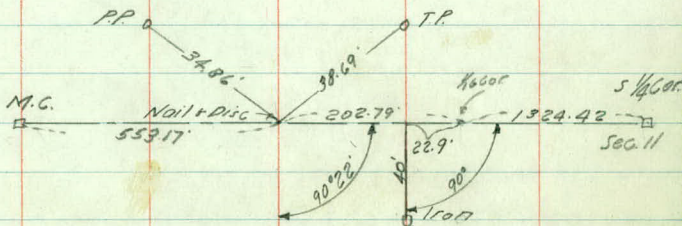
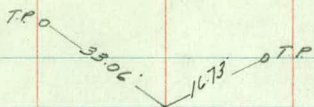
1°55'

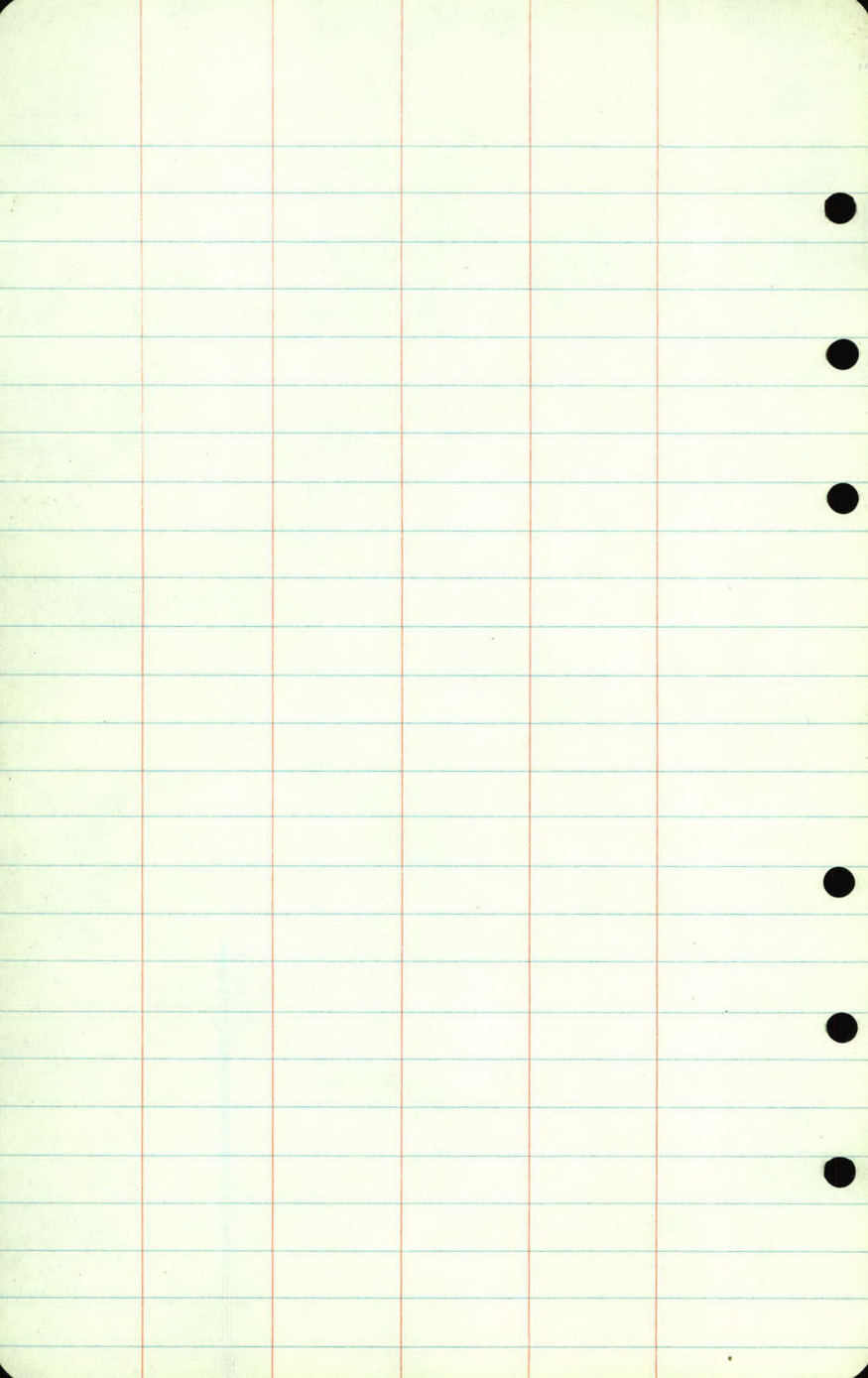
27 +0582 P.C.

0°00'

2-19-42

2





Topography.

Hydrostatics & Ch. 2 x 2 Allen

+12-Fc Cor-32.5 Ent-23

+05-Din Ent.

5 12' 11'

+93-Din Fc-21'

4 Fe-22' 12' 11'

3 Fe-22' 12' 11'

2 Fe-22' 12' 11'

1 Fe-24' 14' 11'

+34-Fc Cor-26' +A3-Rod 12' 11'

+34 X Drain 18" X 39' C.M. 21' 18'

+15-Rod- 39' 37'

0+00

Snow. -- Windy 20° Above

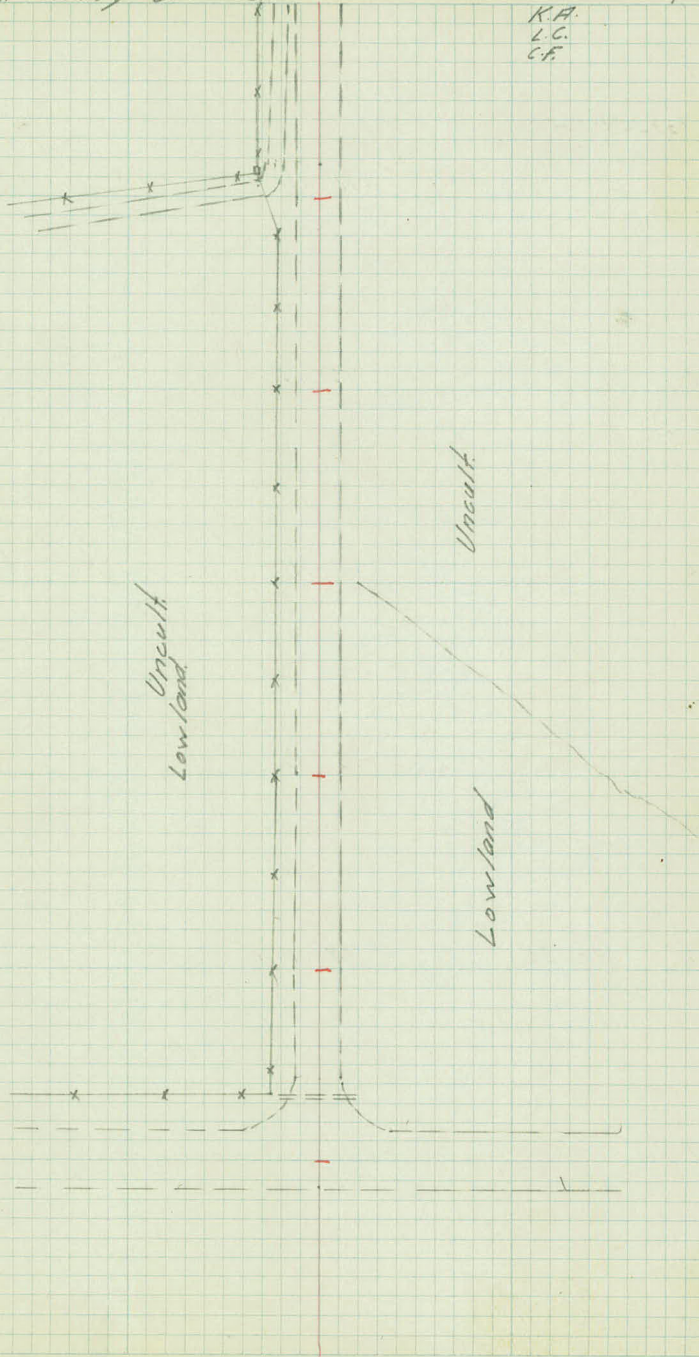
2-21-46

4

K.A.

L.C.

C.F.



194-Ft. Cor. 33'-20'

2'x2' Pillar 3'

+89-18°0'-31'

+87-10°0'-24'

+30-30°0'-24'

12

12' 11'

11

12' 12'

10

12' 12'

+72-24°0'-29'

+20-19°0'-27'

9

12' 12'

+66-7 Ctr 2'x2' Pillar 32'

+61-5

+52-Ent 12'x24' CM-15'

+37-SW Cor. Pillar 31'-33'

8

13' 11'

7

13' 10'

+60-Ent. entire Rd.

6

Ent. 31'

14 10'

Cemetery

Walt

Uncut



19 Fc-17 10 14 Fc-22'

18 Fc-15' 10 14 Fc-21'

17 Fc-18' 10 14

16 Fc-19' 12' 12' Fc-21'

15 Fc-20' 12' 12' Fc-21'

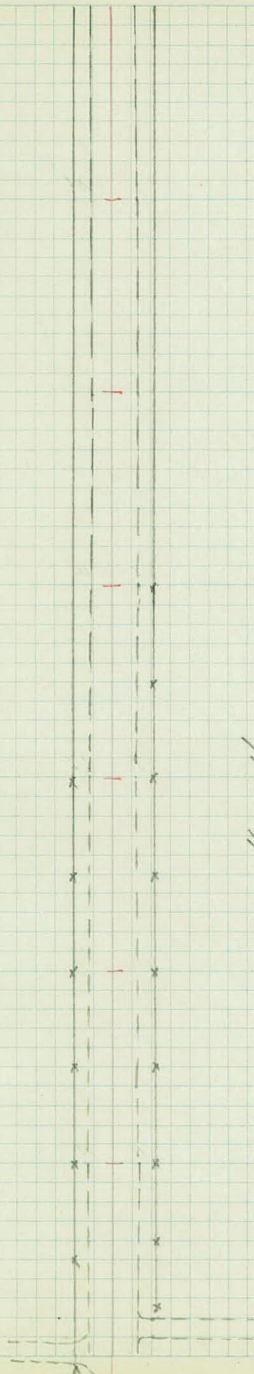
14 Fc-20' 12' 13' Fc-21'

+04-Ent.
13 12' 12'

+23-Bed Fc-21'
+14-Ent.

Cult.

Uncult.



• 188-Edge Rd = 00

• 30' = 150' + 57-PP-36

• 155-Edge Rd = 00

• 18'-46' = +25

• 27'-58'

26

• 27'-57' + 75' + 86-Ent

+66-FC Cor - 68

• 19'-42' + 51' Range Tie to Ho.

• 196-30' Willow - 7'

+50-PP-53'

• 9'-33' + 25' Cor Ho - 76

• 1'-24' FC - 35'

25

• 194-24" Willow - 14'

+90-Δ in FC - 17

+70-Δ in FC - 36

+64-Ent

+50-Δ in FC - 17'

• 155-24" Willow - 31'

24 FC-19'

• 11' 12' FC-21'

+96-PP-19'

+79-FC Cor 19 24" O - 29

+34-24" Tw O - 31'

23 FC-19'

11' 12' FC-22'

+89-30" O - 31'

+64-19" O - 34'

+50-Range Tie to Ent

+46-30" Willow - 26'

+37-Clk Ent - 34'

+27-12" Elm - 23'

+12-6" Butternut - 33'

+09-PP-19'

22 FC-20

11' 11' FC-22'

+96-12" Butternut -

+82-12" Butternut -

+67-10" Butternut - 33'

+62-12" Elm - 24'

+34-8" E - 43'

+27-6" E - 38' 12" B E - 47'

+19-15" Pa - 29'

+03-18" Pop - 30'

21

11' 11' FC-22'

+77-FC Cor - 23'

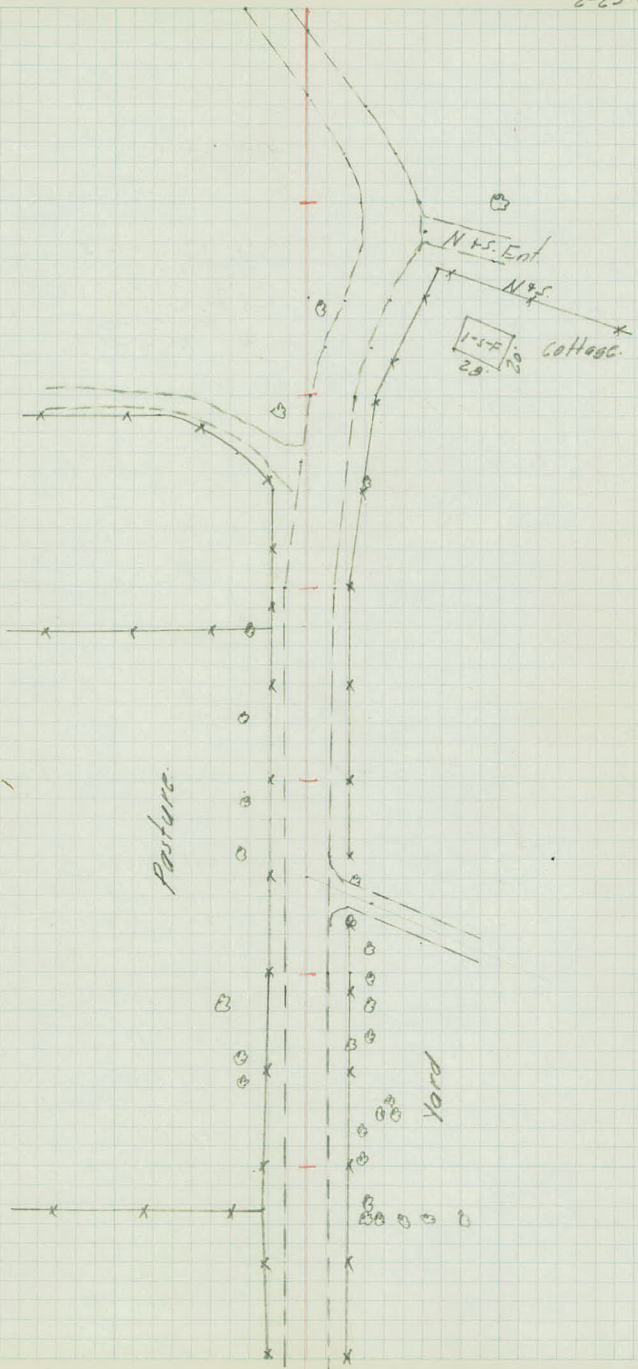
+91-8" Ash - 31'

+74-12" Ash - 31'

+71-Row Willows - 38'

20 FC-20

11' 12' FC-22



+86-18" Elm-37'

+66-12" Elm-26'

+47-16" Elm-36'

+43-PP-23'

+25-30" O.-37'

33

+93-18" Elm-15'

2' 16'

H2TP-26 Fe-30' Beg. Hedge.

+106-42" O.-47'

81

+118-18" Linden-45'

+76-36" Elm-45'

+67-Ent

+59-Road-18" Elms-45'

+49-10" BE-31'

+37-15" RE-32' 15" RE-45'

+24-12" Elm-31'

+13-18" RE-44'

15'

+95-Ent

32

+71-Range Tie

+65-15" O.-32'

+57-24" O.-39'

+75-18'

+89-PP-27'

+55-Ent

+96-End Hedge-28'

+40-4'

31

• 2' 16' • Beg. Hedge 30'

• +72-PP-23'

• +61-PP-27'

• +49-Ent.

30

• 3' 16'

• +99-24" O.-30'

• +82-24" O.-30'

• +74-24" O.-37'

• +50-15" O.-40'

• +37-Ent

• +30-S.E. Cor. Ho-64'

• +21-Range Tie

29

5' 12'

• +94-PP-27'

+61-Fc Cor-41'

16'

+49-Range Tie to Fc.

28

• 36' - 16'

• 53' - 27'

• 60' - 31'

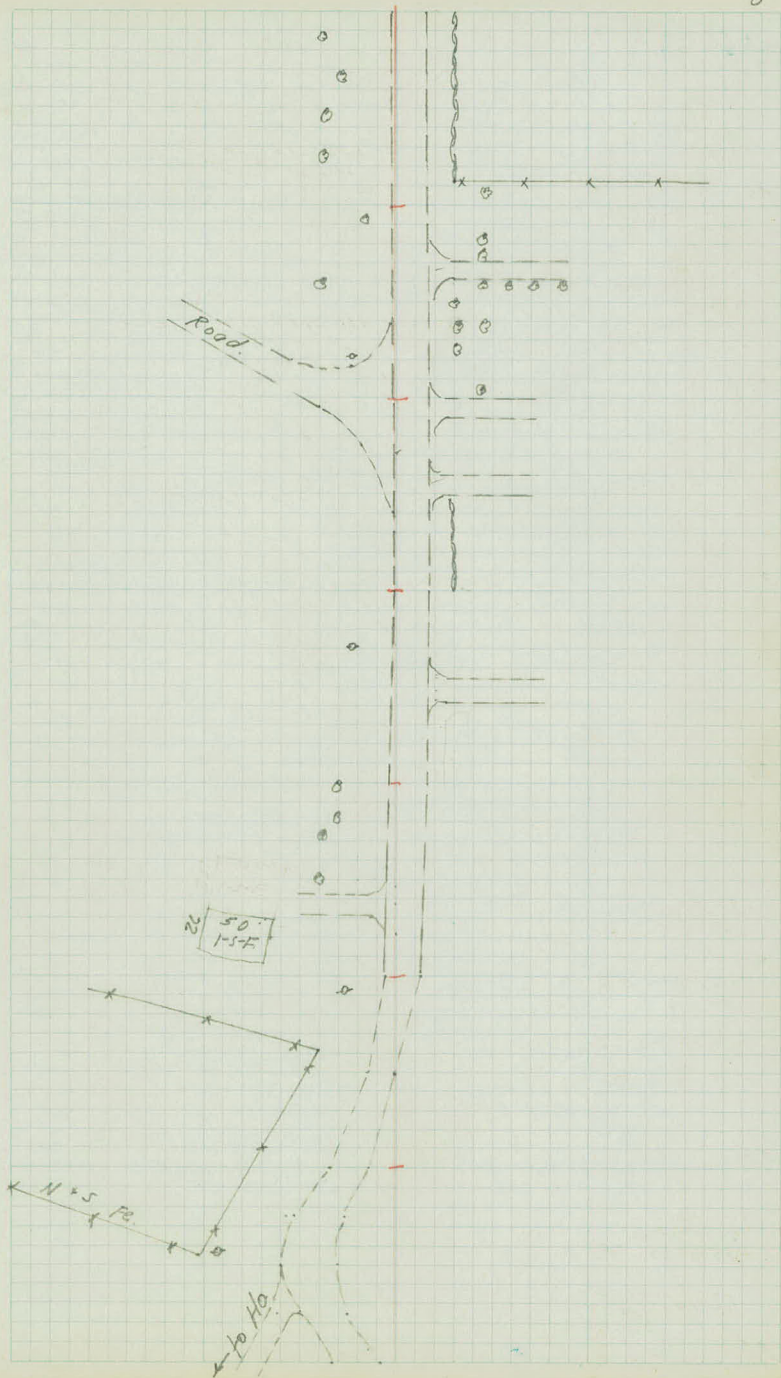
• +57-PP-93'

+55-Fc Cor-103'

• +25-RE+W Ent-63' 50' - 26'

• 33' - 9'

27



+91-5" P. - 16'
+89-30" O - 32'
+85-PP-20

+57-6 14' Rd - 35'

+57-6 14' Rd - 31'

+38-30" O - 35'

+27-30" O - 22'

+24-5

+42-TP-23'

+38-5" P - 40'

+25-End FC - 31'

+4'

40

5

+34-8" Silver Pop - 23'

+48-5" Silver Pop - 25'

+46-10" Silver Pop - 19'

+36-16" B.E. - 30'

+32-Ctr. 4" Mason Wk/Btm 12.4'

+25-5" Cor Ho - 40'

+18-Longs Photo Ho.

+20-6" Plum - 19'

+13-18" B.E. - 32'

+31-End Wall + Bag. FC - 30'

+27-TP-24'

+06-Ent. - 12" X 6" N.Y. 10'

+4'

39

5

+46-36" Bm - 23'

+35-Cor Ho - 37'

+32-6" Ash - 27'

+29-Longs Photo Ho.

+19-12" B.E. - 29'

38 End Hedge - 17'

6

+31-Bag Rubble Wall - 30'

+24-Ent. 15" X 20" N.Y. 19'

+13-Grass 7" X 15" Linden - 34'

+11-End FC - 30'

+13'

+98-TP-24'

+34-1" Pine - 17'

+27-W. End 15" X 20" N.Y. 13'

+26-1" Pine - 17'

+55-18" Linden - 33'

37

5

+15-18" Linden - 33'

+13'

+76-16" O - 25'

+14-TP-24'

+65-Hedge + Bag. FC - 30'

+57-Ent. 12" X 16" N.Y. - 22'

+46-5" P - 33'

+37-Bag. Hedge - 18'

+27-24" Linden - 33'

+05-24" Linden - 33'

36

4

+14'

+87-5" O - 28'

+84-24" Linden - 33'

+62-15" O - 28'

+61-14" Elm - 33'

+52-TP-25'

+52-+30'

+22-18" O - 42'

+16-24" Linden - 33' 24" Elm - 43'

35

4

+15'

+90-5" Shrub - 32'

+88-6 20 Rd - 50'

+77-10" O - 38'

+15' = +60

+70-PP-23'

+68-12" O - 38'

+28-18" O - 40'

+22-6" Elm - 34'

+20-18" Elm - 32'

+06-16" Elm - 37'

+48-TP-26'

+34-36" O - 53'

+13-R Double Ent

End Hedge - 30'

34

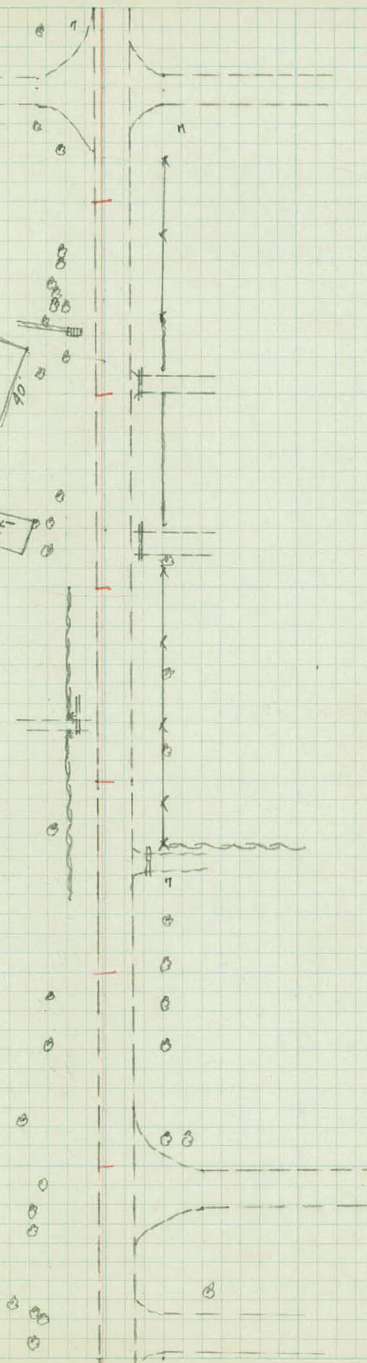
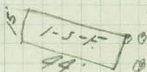
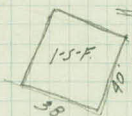
3

+15'

+76.6" Maple - 21'

+68.18" Elm - 31'

+57.15" / ver Pop - 27'



Shrub - 43'
+90-Shrub - 43'
+71-Shrub - 30'

+57-18"O-32'
+46-PP-19'
+22-18"O-15'

+46-TP-26'

47
+99-809 Fc-26'

8 12'

+91-Ent. 12"X20"CM-21'

+78-2 1/2 Road
+64-X Drain 12"X35"CM
+59-PP-20'

15' 20'

+23-5/4-16'

+35-TP-27'

+102-W Cor Ho - 52'

46
+90-PP-20'

7' 11'

+79-Ent.
+60-10"Trip BE-34'

+51-2 Double Ent. $\frac{12"X32"CM}{23'}$

45

6' 12' 18"O-39'

+82-Fc-30'
+57-Ent.
+49-PP-19'
+41-Fc-30'
Ent.
+18-W Cor. Cor-50'

+88-Ent-12"X15"CM-24'
+67-30"Tw O-44'
+53-Masonry Wall-19'-34'
+48-Ent-12"X18"CM-25'
+37-Rubble Wall-28'-56'
+25-Ent-12"X14"CM-24'

44
+07-24"O-23'

7' 12'
+91-TP-28' +98-30"O-40'
+68-End Hedge 11.5"Elm-23'

+21-PP-18' Fc-30

+81-Ent-12"X14"CM-24'

+95-NW Cor Ho - 60'

43
+88-Ent-12"X? CM-14'
+81-Fc Cor-30'
+66-30"Elm-17'

+26-Ent 12"X20"CM-26'
+66-809 Hedge 30'

6' 12'
+90-NW Cor Ho - 61'
+92-Ent-12"X16"CM-26'
+80-18"O-44'
+56-Ent 12"X16"CM-26'
+43-18"O-46' +68-TP-28'
+36-36" Wall/low-40'
+32-10"Elm-39'
+36-6"Elm-30'
+17-18"O-41'

+20-Ent-12"X16"CM-16'

42

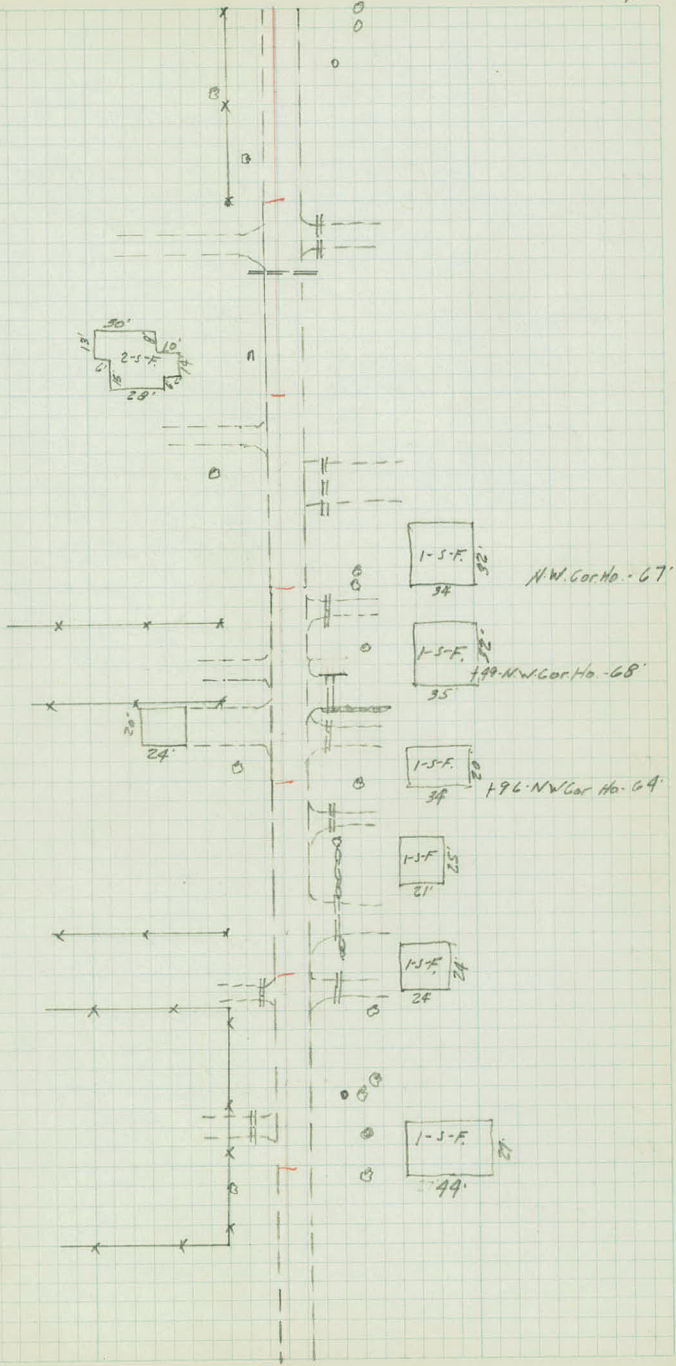
6' 11'
+95-18"Arm-42' Cor Ho - 62'

+88-18"BE-28'
+61-PP-19'
+60-Fc Cor-31'

+49-TP-29'

41

5 13'



+97-P.P.-23'

+74-6"O.-26'

54

10' 9'

+97-T.P.-22'

+74-P.P.-22'

10' 10' = +90'

Rad- 35'

+68-T.P.-29'

+80-T.P.-19'

+13-XDrois 12"X39'C.M.

+14-P.P.-19'

+102-30"O.-22'

53

Rad- 12'

26'

Rad- 31'

55 +35

+103-16"X45-23'

T.P.-26'

13'490'

+80-30"X110" Elm.-35'

+72-18"O.-24'

+44-S.W. Cor. Ho. 37'

+61-36"O.-37'

+47-5"X110" Maple-32'

+35-30"O.-40'

+14-T.P.-26'

+12-30"O.-42'

52

8'

+98-Shrub-32'

+99-Shrub-32'

+78-Shrub-32'

+87-Shrub-32'

+70-Shrub-32'

+52-Step-30'

+15-T.P.-25'

+14-15"O.-35'

+05-T.P.-25'

+70-P.P.-19'

+44-S.W. Cor. Ho. 47'

51

8'

+79-Ent. 12"X16"C.M.-18'

+58-P.P.-19'

S.W. Cor. Ho. 32'

+62-24"O.-44'

6"O.-31'

+44-24"O.-36'

+38-24"O.-35'

+48-Ent. 12"X16"C.M.-13'

50

9'

+14-5"X110" Maple-33'

+91-8" Birch-38'

+77-Ent.

+75-T.P.-25'

Fe. Cor.-30'

+91-Ent. 12"C.M.-18'E

+73-15"O.-26'

+57-Ent.

+49-W. End 12"C.M.-18'

+24-12"O.-37'

49

8'

12'

+72-Fe. Cor.-32'

+71-T.P.-25'

+67-Rosa Shrubs-31'

+96-12"O.-38'

+85-12"O.-28'

+67-Fe. Cor.-30'

+66-P.P.-20'

+56-16"O.-25'

+21-Ent. 10"X16"C.M.-19'

+10-Shrub-43'

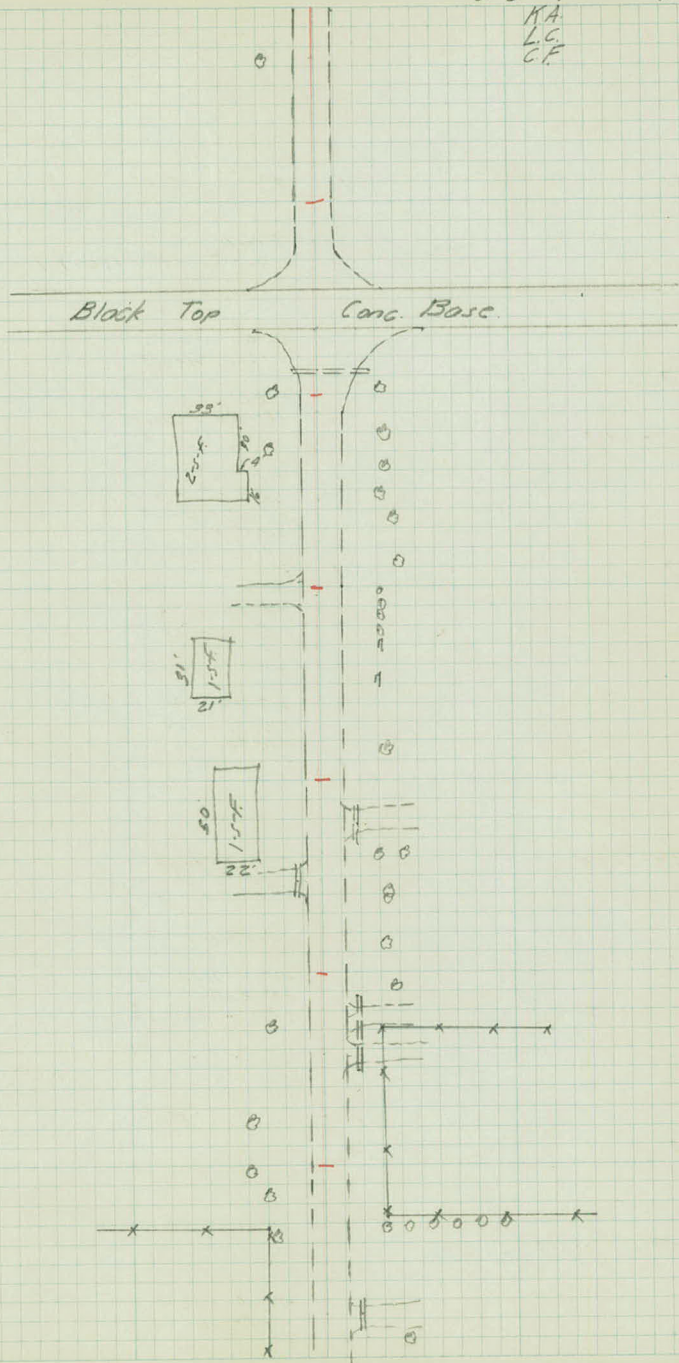
48

7'

11'

2-23-46

KA
LC
CF



+96-12" Birch-22'
+95-2" Pine-26'

+41-PP-24'
+40-End ~~29~~-29' Hedge.

+40-T.P.-12'
+34-18"O-20'

61

12'

+04-18"O-23'

7

+99-15"O-22'

+79-15"O-36' +70-15"O-36'

+59-10" T.P.O-28'

+45-Ent-12"X16"CM-16'

+37-10"O-24'

+26-T.P.-13' Pine Shrub-24'

+21-1" Pine-21'

+08-18" Ash-31' Oak

+02-2" Pine-21'

60

12'

7'

+72-6" Ash-14' 5" Ash-28'

+70-Ent-12"CM-18'

+68-12" Ash-28' +69-5" Ash-21'

+66-6" Ash-18' 6" Ash-29'

+62-24" Elm-19'

+53-15" Ash-24'

+17-8" Pop-29' 5" Pop-32'

+16-T.P.-14'

+03-6" ditch-71'

59

11'

8'

+93-15" Ash-26'

+75-12"O-31'

+65-18"O-25'

+59-19"O-19' 18"O-35'

+40-Shrub-16'

+31-Ent-12"X16"CM-14'

+21-Shrub-18'

+04-Shrub-18'

N.W. Corner-53'

+89-T.P.-15' FC-17'

+68-4" Pine-18' +84-4" Elm-17'

+49-4" Elm-19'

+46-12"O-21'

+34-15"O-38' Ent-12"X16"CM

+24-6" Ash-20' 16'

+04-18"O-23' +15-4" Pine-20'

8'

+00-5" Elm-22'

+81-3" Elm-22'

+78 Cor Garden-23'

+53-T.P.-16'

+48-Shrub-24'

+40-Ent-12"X16"CM-20'

+29-PP-29'

+23-4" Ash-24'

+57-3" Ash-35'

+76-1" Mt. Ash-25'

+65-4" W. G. L. 29'

+57-1" Mt. Ash-25'

+36-PP-24'

+11-1" Mount Ash-25'

56

11'

9'

+51-Box Hedge-30' = FOLL.

+43-FC-30'

+45 Cor Raspberry Patch-28'

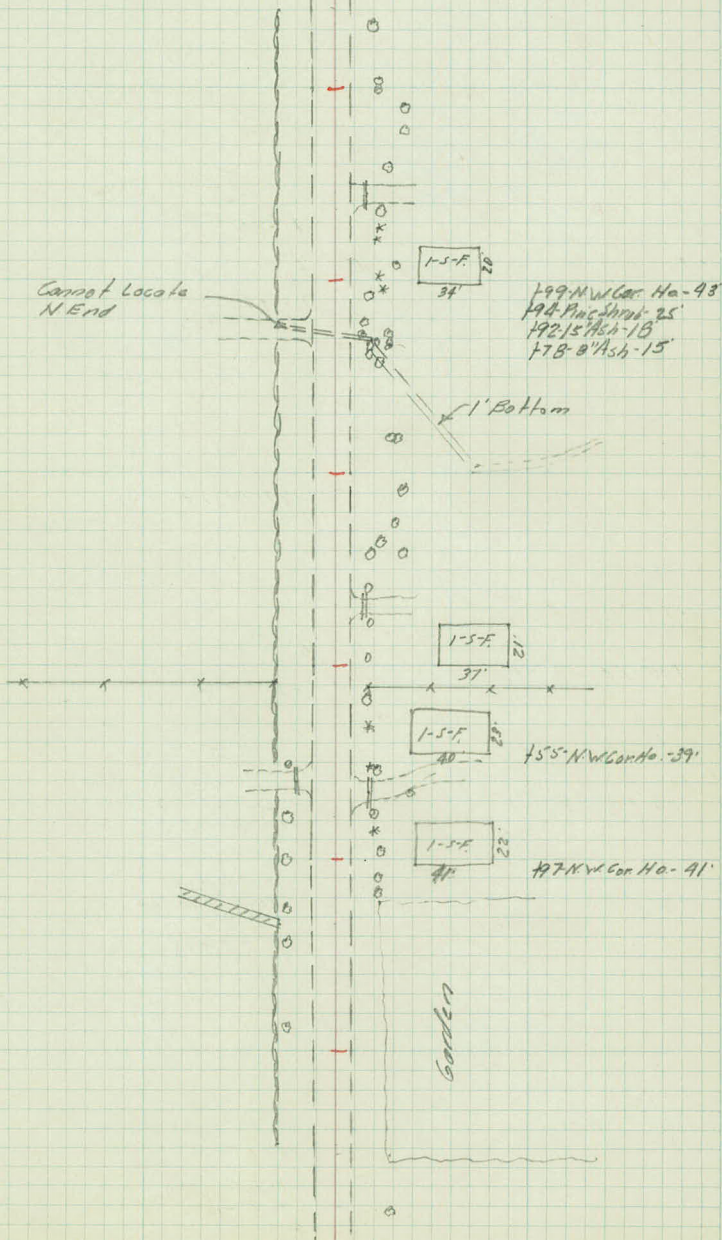
+19-30"O-29'

+09-T.P.-16'

8'

55

10'



+69-Fdgs B1 Top = 00
+60 = -56

+43-P.R.-47'

+35' = 21'

34 = +20'

67
+99-5" O-35'
+86-P.P. 24'

11' 16'

9' = +82
+19-T.P. 15'

+50-30" O-38'

+26-Ent.

66

14' 6'

+84-T.P. 14'

+33-P.P. 24'

+11-8" Birch-41'

+03-Ent. 12" X 16" C.M. 25'

65

14' 6'

+95-8" Birch-41'

+91-T.P. 14'

+77-2" Birch-40'

+53-1" Pine 23' - 31'

+59-2" Birch-39'

+46-Shrub-24'

+39-10" O-38'

+43-15'

+36-Ent.

+34-30" O-33'

+20-47'

+26-5" Pine-12'

+22-16" Elm-24'

64

42'

+19-5" Pine-13'

12" Maple-24'

+83-12" X 31" C.M.

22'

9' +97-N.W. Cor Ho-40'

+83-P.P. 23'

+80-15'

+90-6" Elm-24'

+80-1" Pine-15'

+63-22" W. Ho-10.6'

+60-N.W. Cor Ho-42'

+45-Ent. +55-T.P. 13'

63

13'

6'

+75-P.P. 23'

+35-30" Willow-34'

+25-Ent.

+13-30" Maple-25'

62

+42-T.P. 13'

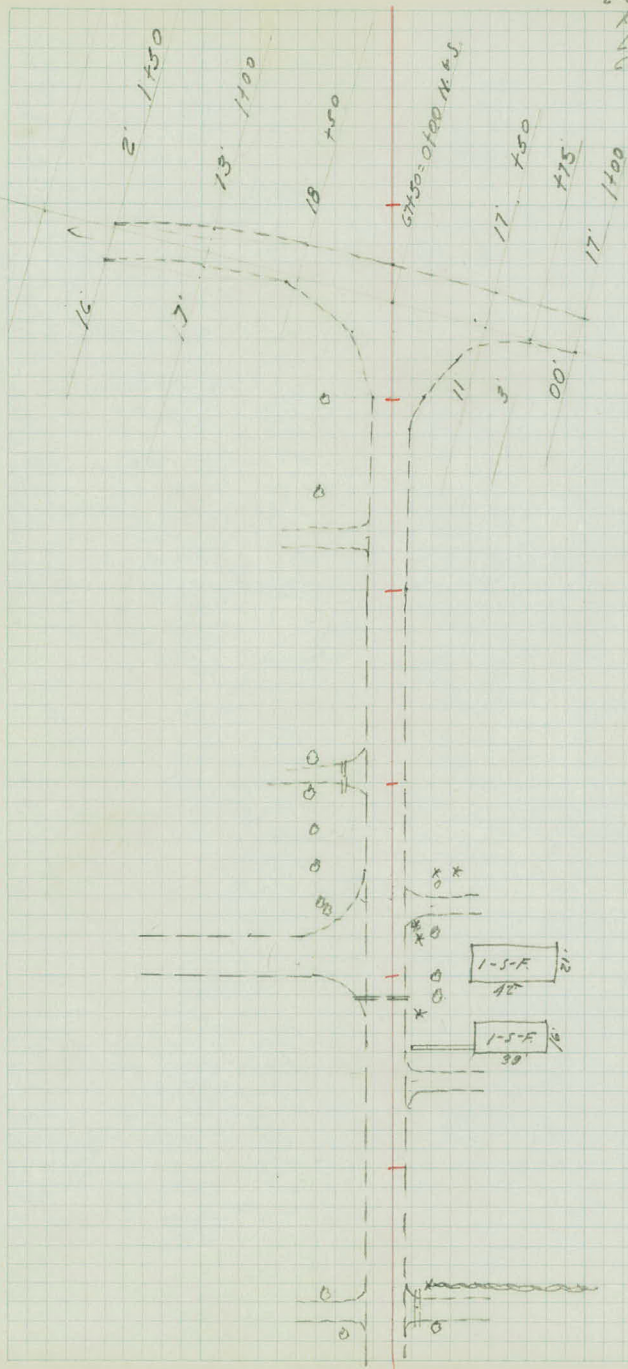
+39-2" Pine-19' Hedge-25'

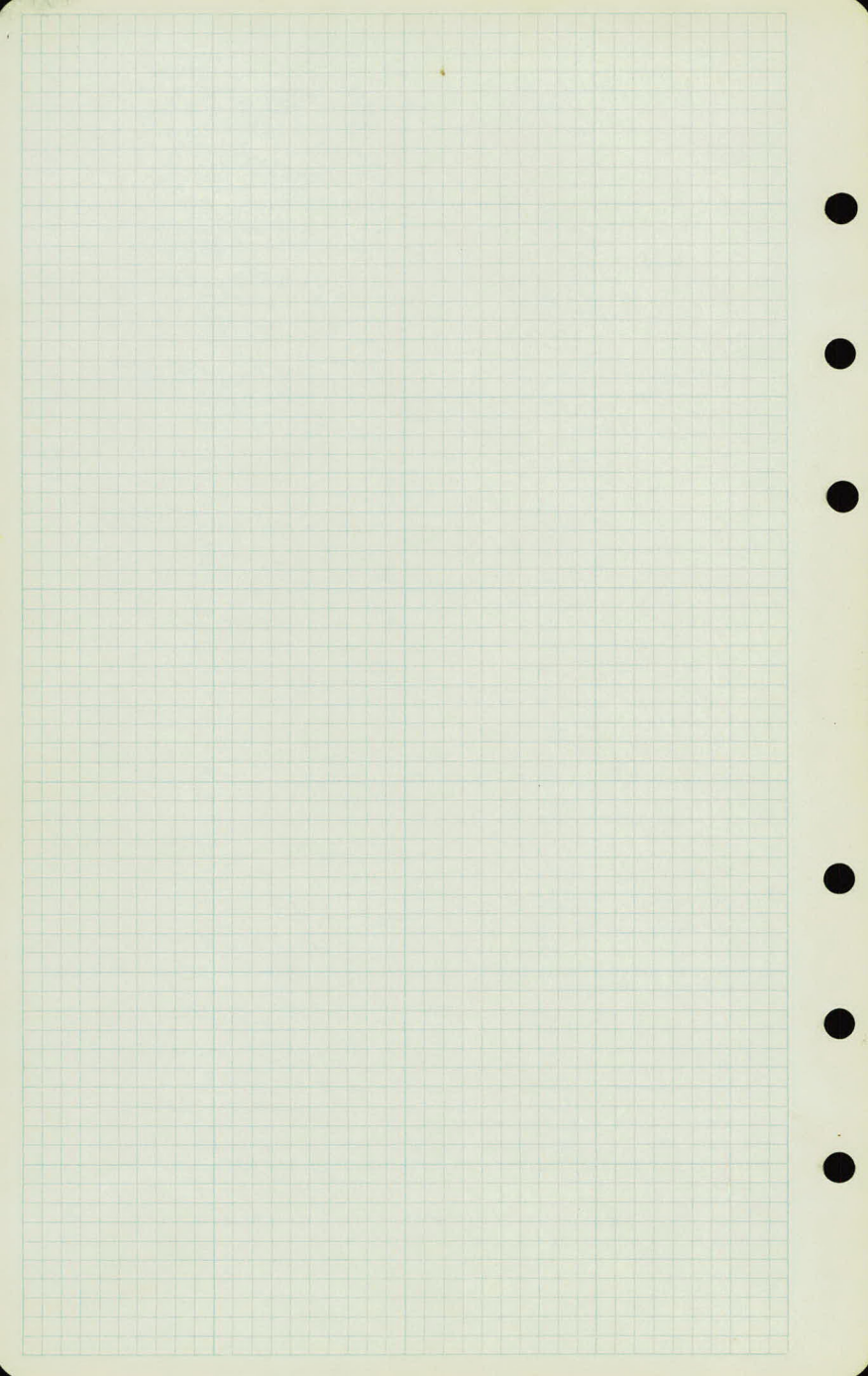
+29-Ent. 12" X 18" C.M. 12'

+19-12" Birch-23'

6-14'

14' 6'





Bench Levels.

Sta.	+	-	Elev.	
B.M.	0.79	926.45		925.66
T.P.	6.21	923.11	9.55	916.90
T.P.	8.22	926.84	4.49	918.62
T.P.	13.24	939.36	0.72	926.12
T.P.	7.57	946.47	0.46	938.90
B.M.			2.15	944.32
T.P.	4.10	945.21	5.36	941.11
T.P.	6.96	947.01	5.16	940.05
T.P.	4.07	945.97	5.11	941.90
B.M.			5.70	940.27
T.P.	4.64	942.93	7.68	938.29
T.P.	4.51	942.35	5.09	937.84
T.P.	3.54	939.72	6.17	936.18
B.M.			3.15	936.57
T.P.	3.36	935.79	7.29	932.43
T.P.	4.19	935.92	4.36	931.43
B.M.	3.62	934.62	4.92	931.00
T.P.	7.27	933.47	8.42	926.20
T.P.	6.15	935.40	4.22	929.25
B.M.			5.98	929.42

5717.40
 27424.
 297500

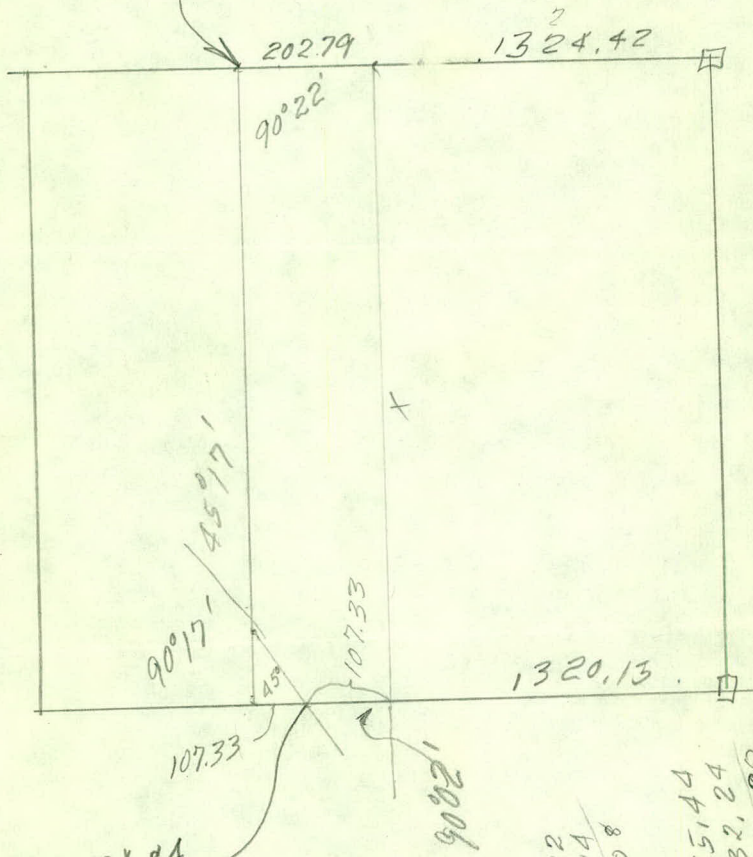
822
 8949
 392

53 45.44

11

N ←

9



POT 26+74.84

2825892
 267484
 151.08

5345.44
 2932.24
 2413.20
 2120.10
 2633.90

TWIN CITY CONCRETE PIPE CO.
AN AFFILIATE OF
ELK RIVER CONCRETE PRODUCTS CO.

Res. St. Paul, Minn.
Midway 5-1153

R. Terry Tambornino

Plant: TUxedo 1-2615

650 Builders Exchange
FEderal 6-2679

Description

(1936 survey)

spk. in 18" O. 58' Lt. Sta. 124+61 Otter Lake Rd.

spk in 24" Oak 29' Lt. Sta. 9+72

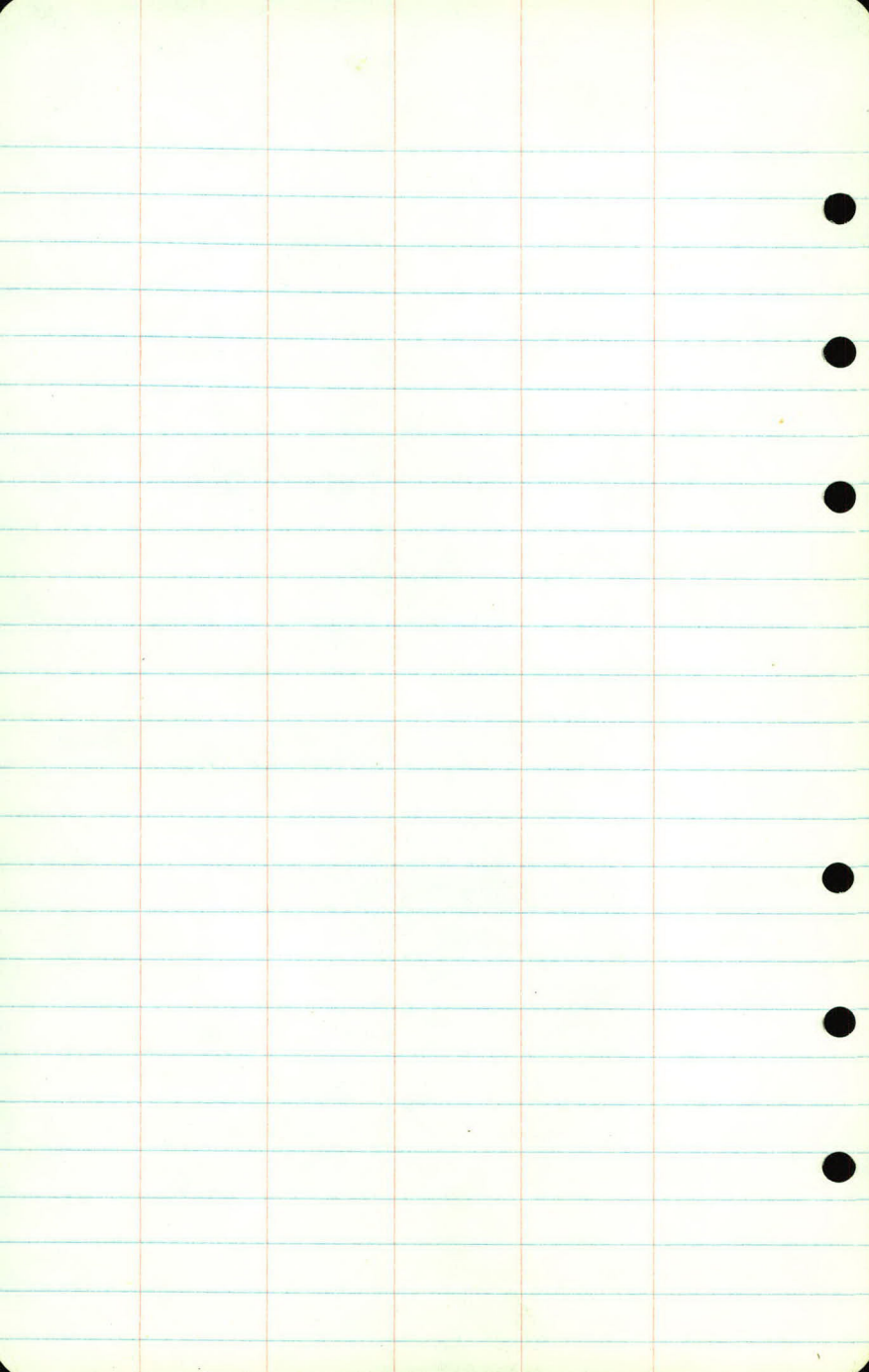
SPK. in 24" Oak 100' Rt. Sta. 26+

SPK in 30" Oak 32' Lt Sta. 90+89

SPK in P.P. 22' Lt. Sta. 53+79

SPK. in T.P. 15' Rt. Sta. 66+79

These elevs. are 0.11' lower than 1936 datum



x-sections

Sta	+	π	-	Elev
		924.40		

0 +00

+16

+24

+50

1

+50

2

+50

Lt.

K

Pt.

Elev. booked in From B.M. at Sta. 9+72

68	66	64	62	61
50	25		25	50

73	72	69	66	68	67
50	36	21		25	50

83	82	78	70	66	68	75	83	81
50	31	26	14		9	18	23	50

83	79	79	83	73	71	68	72	75	81	79	80	77
50	28	23	17	14	11		9	12	13	18	37	50

79	81	75	79	71
50	27	24	16	14

66	71	74	79	76	79
	9	13	14	23	50

78	77	76	76	69	63	68	71	78	75	77
50	25	23	16	14		11	13	15	28	50

75	74	78	76	66
50	32	28	17	14

67	67	72	73	79
	13	15	30	50

74	72	70	60	54	61	69	74	74
50	30	18	15		13	14	25	50

Sta	+	π	-	Elev.
		924.40		

3

+50

4

+50

5

T.P.	13.28	937.60	0.08	924.32
------	-------	--------	------	--------

+50

6

+40

T.P.	12.41	945.89	4.12	933.48
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Lt

L

Rt

71 71 69 57
50 31 17 14

49 55 66 72 72
13 15 27 50

74 73 72 64 50 43 49 65 69 67
50 33 21 15 13 12 16 27 50

77 75 72 41
50 32 19 13

34 41 68 65 64
13 19 28 50
38

72 73 68 26 20 24 63 65 62
50 29 21 13 11 19 37 50

40 37 34
50 32 19

0.4
13

0.0 0.7 35 41 32
13 19 30 50

13.1 13.3 11.8 11.2 11.4 12.0 12.7 12.4 12.4
32 19 14 5 15 21 23 50

8.7 10.9 11.1 9.6 8.8 9.3 9.5 10.1 10.1 7.6 7.8 7.5
31 23 18 15 10 14 15 19 23 34 50

48 86 85 77 70 72 76 24 25 2.8
30 21 16 14 9 18 25 37 50

sta	+	π	-	Elev
		945.89		

6	+70			
---	-----	--	--	--

7				
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	+50			
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8				
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	+37			
--	-----	--	--	--

	+52	Profile cont. Lt. only.		
--	-----	-------------------------	--	--

	+73			
--	-----	--	--	--

9				
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LT R RT

105 147 150 147 140 141 141 7.0 7.4
31 22 16 15 9 17 27 50

89 132 132 128 124 127 127 58 59
31 21 16 13 9 17 27 50

69 106 106 102 100 106 106 46 5.0 5.3
31 21 16 14 9 $\frac{17}{17}$ 25 34 50

5.8 57 87 87 81 81 83 86 40 4.3 46
33 27 20 14 9 12 17 24 34 50

5.0 65 7.1 68 7.0 7.5 3.5 37
30 22 11 9 17 24 50

5.3 5.3 6.0 6.5 6.3
50 33 16 12

4.0 39 5.8 5.7 6.2 6.5 2.4 2.5
32 20 15 10 17 23 50

8.1 3.2 5.5
32 20 13

5.1 5.2 5.5 1.6 1.8 1.5
13 16 23 35 50

Sta.	+	π	-	Elev.
		945.89		

9 + 36

+70

B.M.

1.57

(944.32)

10

+50

11

+50

12

+50

Lt

Z

Rt

25 23 37 51 46 47 50 10 15 14
32 21 18 12 11 16 23 30 50

22 24 38 48
32 20 17 12

44 47 43 18 23 21
12 15 22 29 50

Spt. in 24" 0.29 21 51 9 172

2.3 2.6 5.0 4.4 4.7 5.1 3.9 3.2 3.6 3.5
32 21 13 13 16 19 23 34 50

3.1 3.4 5.3 4.9 4.5 5.0 5.5 5.5 4.6 3.7 4.4 4.5
32 20 15 13 13 15 17 19 24 32 50

4.5 4.7 6.0 6.0 5.2 4.6 5.0 5.9 5.9 4.7 5.2 5.2
32 18 14 19 13 13 17 19 23 34 50

5.9 5.8 6.3 5.1 4.6 4.9 5.9 6.1 5.4 5.8 5.7
32 20 15 13 14 14 26 22 36 50

6.3 6.0 6.5 6.5 5.0 4.6 5.1 5.8 5.8 4.9 5.5 5.5
32 16 16 15 12 13 17 18 22 31 50

6.0 5.7 6.1 6.1 5.2 4.7 5.2 5.8 5.8 4.8 5.3 5.5
32 18 16 14 13 14 16 18 22 35 50

sto	+	π	-	E/cv
		945.89		

13 400				
T.P	2.70	945.16	3.43	942.46

+50

14

+50

15

+50

16

+50

LH

L

RH

6.3 5.6 5.9 5.2 4.7 5.0 5.7 4.4 4.8 4.9
5.0 2.3 1.5 1.2 1.4 1.6 2.1 3.4 5.0

5.9 4.8 4.9 5.2 4.5 4.1 4.8 4.8 4.3 4.1 4.1
5.0 2.9 2.1 1.4 1.2 1.4 1.6 1.9 3.4 5.0

4.6 4.8 5.5 5.5 4.8 4.3 4.9 5.5 5.2 4.5 4.1 4.8
5.0 2.3 2.0 1.6 1.4 1.3 1.5 1.9 2.1 2.9 5.0

3.7 3.7 4.6 6.1 5.8 5.0 4.5 4.9 5.6 5.6 5.0 4.9 6.0
5.0 3.5 2.3 1.9 1.7 1.4 1.4 1.6 1.8 2.1 2.7 5.0

4.4 4.5 5.2 6.0 6.0 5.2 4.8 5.3 6.9 6.8 7.5
5.0 3.6 2.3 2.0 1.7 1.3 1.3 1.7 2.5 5.0

8.4 8.2 5.6 5.1 5.6 7.4 7.5 7.0 7.5 7.0
5.0 1.9 1.2 1.4 1.8 2.9 5.0 1.1 5.0

7.4 6.0 8.3 5.6 5.3 6.0 8.2 8.6 8.6
5.0 2.3 1.8 1.2 1.4 2.0 2.8 5.0

4.8 5.7 6.0 6.3 6.3 5.5 5.3 5.9 7.2 7.3 8.4 8.7
5.0 2.7 1.9 1.8 1.5 1.2 1.4 1.6 2.1 2.9 5.0

Sta	+	π	-	Elev
		945.16		

17 +00

+50

18

+50

19

+50

20

T.P.	5.65	997.01	3.80	941.36
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+50

Lt

E

Rt

3.6	4.5	4.9	5.4	5.2	5.7	6.2	7.1	8.6
50	33	18	10		19	23	28	50

5.8	6.1	5.2	5.4	5.1	5.6	5.7	7.9	8.6
56	32	12	10		14	23	32	50

7.6	7.6	6.8	5.6	5.1	5.7	5.4	5.6	6.8	8.1	8.7
50	31	18	12		19	19	22	26	37	50

8.3	8.3	7.5	6.8	5.4	5.0	5.5	5.6	7.1	8.0
56	35	19	15	12		14	21	29	50

8.2	8.0	7.5	5.1	4.8	5.3	5.0	6.0	6.8	7.1
50	33	20	12		17	22	26	37	50

7.0	6.6	4.9	4.3	4.5	5.0	5.2	6.2	6.2
50	19	12		14	15	22	36	50

4.5	3.9	4.2	3.8	4.1	3.8	3.0	3.7	3.4
50	20	10		12	18	22	28	50

4.3	3.2	5.4	5.2	5.5	4.9	2.0	2.0
50	21	11		12	14	20	50

sta	+	π	-	Elev
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		947.01		
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21	+ 00			
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	+ 50			
--	------	--	--	--

22				
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	+ 50			
--	------	--	--	--

23				
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	+ 50			
--	------	--	--	--

24				
----	--	--	--	--

	+ 50			
--	------	--	--	--

Lt

2

Pt

3.7 2.9 1.8 5.4
50 30 20 11

4.8 5.1 0.4 0.0
14 22 50

4.4 3.0 2.6 5.1 5.0 4.8 5.1 4.8 0.7 0.0
50 30 19 19 11 11 14 21 50

6.8 5.7 5.0 4.6 4.8 5.4 4.7 5.0 4.9 3.2 2.0 1.3
50 32 22 19 17 15 11 14 19 33 50

9.3 8.5 8.0 5.6 4.8 4.7 5.0 6.0 5.7
50 27 19 12 11 19 28 50

9.6 8.1 6.9 6.7 5.7 5.1 5.5 7.0 7.4 6.7
50 21 18 15 12 12 18 30 50

7.5 6.9 6.2 5.6 5.9 5.3 5.7 6.2 6.2 5.1 4.6
50 35 21 18 12 14 15 16 20 50

7.0 5.6 6.2 6.0 5.4 6.0 6.2 3.0 2.4
50 18 14 11 13 17 22 50

6.9 5.8 5.0 6.1 5.5 5.4 5.7 5.7 2.2 4.0
50 34 17 13 5 14 19 24

sta + π - E/cv

947.01

25 +00

+10

+30

+75

26

+25

+43

+53

Lt

Q

Rt

7.5	6.4	5.6	6.5	6.3	5.9	6.2	6.0	2.8	L.O.
50	37	7	3		15	24	29	34	

7.6	7.1	6.7	5.2	6.6	6.8	6.9	6.9	2.9	L.O.
50	42	22	6		17	27	31	38	

8.2	6.5		4.5	6.6	6.2	6.6	6.6	3.1	L.O.
50	26			6	24	36	40	45	

9.6	8.5	8.6	7.8	7.4	7.4	7.9	6.7	6.5
50	22	11		8	23	27	40	50

10.6	11.2	10.7	9.5	8.5	7.3	6.7
50	45	22		28	38	50

11.2	11.1	10.8	10.2	8.7	7.5	7.9
50	20		14	17	32	50

10.9	11.6	11.4	8.6	7.6	7.8	9.8	9.8
50	25		7	24	38	44	50

10.7	11.6	11.7	8.6	7.8	8.0	10.5	10.0
50	33	8		15	29	36	50

Sta	+	π	-	Elev
		947.01		

26 +74.89

B.M.	2.71	942.98	6.68	940.33	940.27
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+90

27

+25

+50

+75

28

+15

Lt

2

Rt

10.9 11.8 8.8 8.1 8.2 11.1 11.9 11.5 11.6
 50 24 17 11 19 27 33 50
 spk. in 30" O. 100 R/s to 264

6.9 7.2 4.8 4.3 4.5 7.6 8.4 8.1
 50 36 28 12 8 20 50

6.8 7.0 4.8 4.3 4.6 7.9 8.1 9.2 8.9 8.4
 50 45 37 21 8 8 16 32 50

4.2 4.2 5.5 7.9 8.5 9.7 9.9 9.3
 50 42 24 14 17 34 50

4.3 4.8 5.9 7.7 8.7 10.0 9.9
 50 40 33 11 24 50

4.8 4.8 5.7 7.0 7.5 8.0 9.0 9.6 10.1
 50 38 26 21 10 15 35 50

5.9 5.2 4.9 5.5 8.2 8.0 9.4 10.0
 50 38 26 13 7 21 50

6.0 5.3 5.0 5.6 8.2 9.2 9.7 10.1
 50 31 21 7 21 34 50

Sta	+	π	-	Elev
		942.98		

28 +29

T.P.	4.72	942.64	5.06	937.92
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+70

29

+50

30

+50

31

+50

Lt

K

Rt

6.6	6.9	5.2	5.1	5.8	8.3	9.0	9.7	9.9
50	46	23	14		6	20	32	50

4.4	5.1	7.0	5.8	4.8	4.8	5.4	7.9	8.8	10.1
50	34	29	18	6		12	18	25	50

3.3	4.1	7.8	7.9	5.2	4.9	5.0	5.9	7.8	8.5	9.9
50	31	21	14	8		12	16	21	30	50

1.8	5.6	8.2	8.2	5.3	4.9	5.0	5.6	7.1	7.5	8.4
50	29	21	14	7		8	19	23	34	50

6.1	6.6	8.5	7.9	5.4	5.2	5.1	5.4	5.7	7.3	7.9
50	26	20	11	6		7	14	17	27	50

5.4	5.6	8.4	8.3	5.6	5.2	5.1	5.5	6.4	5.9	6.1
50	26	18	12	7		9	15	21	26	50

3.8	3.7	4.0	7.1	6.5	5.4	5.0	5.0	5.4	6.1	6.1	4.2	4.0
50	41	25	17	9	5		8	15	20	22	28	50

3.9	3.2	5.9	6.0	5.3	4.9	5.0	5.6	4.1	4.1
50	26	17	13	9		10	21	27	50

Sta	+	π	-	Elev
		942.64		

31 + 75

32

+ 50

33

+ 50

34

+ 50

35

Lt

Z

Rt

3.7	3.2	5.1	4.9	4.8	5.0	5.5	6.0	4.6	4.2	4.4
50	29	18	10		10	16	20	26	30	50

3.5	3.7	4.1	4.9	5.1	5.6	5.7	6.0
50	38	22		10	18	35	50

5.6	5.8	6.6	6.6	5.2	5.0	5.1	5.8	7.0	7.5
50	17	14	11	7		9	18	27	50

4.5	5.1	5.4	6.3	6.3	5.5	5.3	5.2	5.6	7.6	7.8
50	31	16	13	10	7		9	16	32	50

2.5	3.2	3.8	5.5	5.5	5.3	5.3	5.7	6.6	6.9	7.4
50	37	18	13	8		9	16	24	36	50

0.8	3.0	5.5	5.6	5.2	5.2	5.8	5.9	6.6	7.1
50	20	13	6		9	16	29	36	50

1.0	3.2	5.8	5.7	5.3	5.4	5.7	6.0	5.4	6.5	6.7
50	21	13	7		7	17	22	25	40	50

1.5	3.2	5.9	5.6	5.6	5.9	6.4	8.0
50	24	13		7	20	30	50

Sta	+	π	-	Elev.
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		992.64		
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T.P.	362	990.70	556	937.08
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35	+50			
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36

+50

37

+50

38

+50

39

Lt.

R

Rt.

0.5	2.2	3.0	4.4	3.8	3.9	4.3	5.2	5.2	4.3	5.6	5.8
50	22	17	12		9	15	19	21	23	37	50

1.6	3.0	3.3	5.0	5.0	4.6	4.2	4.1	4.6	5.5	5.5	5.1	5.6
50	34	16	12	9	8		8	16	18	22	25	50

3.5	4.1	4.7	5.7	5.9	5.0	4.4	4.4	4.7	5.8	5.8	5.3	5.2
50	21	16	15	11	8		7	15	19	21	23	50

4.3	4.7	6.1	6.1	5.0	4.6	4.7	5.7	6.4	6.4	6.0	5.8	5.6
50	18	14	12	9		7	15	18	21	23	30	50

4.3	4.8	4.8	5.3	6.5	6.5	5.3	4.9	5.0	5.3	6.2	6.2	5.2	5.0	4.6
50	33	18	15	13	11	7		8	14	18	20	23	32	50

4.4	4.6	5.1	6.6	6.6	5.6	5.2	5.1	5.5	6.5	6.5	5.3	5.2	4.8
50	34	16	13	10	6		7	14	17	20	22	32	50

4.5	4.7	6.2	6.3	5.9	5.4	5.3	5.8	6.6	6.6	5.6	5.0	5.1
50	16	13	9	7		7	15	18	19	22	30	50

3.8	4.3	6.4	6.0	5.6	5.6	6.0	6.3	6.1	5.1	4.8
45	16	11	8		7	16	18	20	23	50

Sta.	+	π	-	Elev
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		946.70		
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39 +50				
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40				
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	+34			
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	+44			
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	+70			
--	-----	--	--	--

	+90			
--	-----	--	--	--

41				
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B.M.	0.30	936.87	4.15	936.55	936.57
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+50					
-----	--	--	--	--	--

Lt

E

Rt

3.7	4.0	6.6	6.0	6.0	6.3	6.9	6.9	4.9	4.3	4.3
50	16	11		7	15	18	20	23	30	50

3.7	3.7	4.1	7.0	6.7	6.3	6.3	6.7	7.3	7.3	5.7	4.3	3.9	4.2
50	22	15	10	7		8	16	18	21	24	27	30	50

4.0	3.7	6.8	6.4	6.3	6.6	7.4	7.4	5.1	4.3	4.9
50	16	11		7	14	18	21	27	35	50

5.5	6.0	6.7	6.4	6.3	6.7	6.3	6.4
50	32	8		8	15	37	50

4.6	5.7	7.0	6.5	6.5	6.4	6.9	6.6	7.0
50	33	30	13		8	20	39	50

4.2	4.7	5.5	7.5	7.1	6.7	6.6	6.9	8.3	8.4	7.9	7.6	8.0
50	33	16	12	9		7	16	20	24	26	38	50

4.8	5.2	5.9	7.7	7.7	7.1	6.8	6.7	7.2	8.8	8.9	8.0	7.9
50	30	15	12	10	9		7	16	21	24	27	50

SPK. in 30" Oak 22' ht. Sta 40+89

2.5	2.8	3.8	5.2	5.2	3.8	3.5	3.5	4.1	5.9	5.9	5.5	5.4
50	33	18	15	13	9		7	16	20	24	27	58

sto	+	T	-	Elcx
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		936.87		
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41	+85			
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42				
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	+50			
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43				
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	+50			
--	-----	--	--	--

44				
----	--	--	--	--

	+50			
--	-----	--	--	--

T.P.	4.22	935.21	5.85	936.02
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45				
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Lt

E

Rt

4.4 4.4 5.6 6.1 6.5 4.2 3.8 4.2 6.3 6.4 5.7 5.7
50 30 23 21 15 10 13 20 26 36 50

4.5 5.0 6.0 6.8 4.5 4.0 4.0 4.5 6.7 6.8 4.4 4.6
50 35 30 15 10 7 14 20 28 35 50

6.4 7.4 7.5 5.1 4.6 4.6 5.0 6.9 6.9 4.9 5.2
50 26 15 9 7 17 23 30 35 50

4.2 4.9 5.4 6.8 6.8 5.5 4.9 5.0 5.7 7.7 7.7 6.9 6.3
50 23 17 13 12 10 7 18 24 27 28 50

4.0 4.5 4.6 7.0 7.0 5.7 5.3 5.3 6.0 7.7 8.3 8.3 7.3 6.5 6.3
50 32 18 14 12 9 8 17 23 23 26 27 38 50

4.5 5.1 6.0 7.8 7.8 6.2 5.7 5.6 6.1 7.5 8.9 8.9 7.8 7.1
50 23 17 14 13 9 6 14 21 22 25 27 50

6.2 6.6 7.4 7.0 7.6 7.6 6.5 5.9 5.9 6.5 7.2 7.0 9.0 8.1 7.2 6.8
50 36 25 17 15 13 10 7 15 20 23 25 28 35 50

Top squirrels tail

5.3 5.1 5.6 5.9 4.9 4.4 4.7 5.4 6.1 7.8 7.8 6.3 5.8
50 34 18 15 11 11 17 20 23 25 27 50

Sta	+	Δ	-	Elev.
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935.24

15 +50

46

+15

+60

+64

+70

47

+50

LT

F

RT

6.5	6.1	6.4	7.1	7.1	5.2	4.8	5.1	5.6	8.0	8.0	6.6	6.2	6.5
50	31	18	17	15	11		11	19	22	23	26	40	50

6.6	6.2	7.3	7.3	5.3	5.0	5.2	5.5	8.0	8.0	6.7	5.8
50	18	17	15	11		11	18	21	24	26	50

6.6	6.5	5.9	6.1	5.9	5.0	5.1	5.9	8.2	8.2	7.0	6.3	5.9
50	33	18	16	11		11	17	21	23	26	39	50

6.4	6.8	6.5	5.9	5.2	5.2	6.0	8.2	8.2	6.5	5.8
50	30	13	6		6	17	20	23	25	50

10.1	9.0	9.2	6.5	5.9	5.2	5.2	6.0	8.7	8.5	6.5	5.8
50	29	15	13	6		6	17	20	22	25	50

9.0		7.0	5.9	5.9	5.2	5.5	6.1	8.9	8.9	6.5	6.0
50		18	8	7		12	18	20	23	25	50

7.0	6.5	6.9	5.7	5.3	5.9	5.9	7.7	7.7	6.6	6.8	6.2
50	29	12	10		9	16	19	21	29	36	50

6.7	7.2	7.2	5.7	5.2	5.3	5.6	7.0	7.0	6.1	5.6	5.2
50	29	14	10		10	16	18	20	23	33	50

Sta	+	π	-	Elev
		935.24		

48

+50

49

+50

50

+34

+65

T.P.	5.67	936.11	4.80	930.44
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51

Lt

F

Rt

6.4 6.9 6.3 5.7 5.2 5.4 5.6 6.7 6.7 4.5 4.1 4.0
50 28 12 10 10 15 18 20 28 37 50

4.5 4.6 5.1 5.9 5.9 5.5 5.2 5.2 5.5 6.2 6.2 4.6 4.0
50 29 14 12 11 10 8 15 17 19 26 50

4.3 4.3 6.0 6.5 5.5 4.8 4.8 5.3 6.3 6.3 5.6 5.8 7.0 5.7
50 45 25 13 11 6 14 18 20 22 27 31 50

2.9 3.8 4.6 5.8 6.1 5.4 5.1 5.1 5.3 6.0 6.0 5.5 5.5 6.3 6.3
50 32 23 18 14 11 9 15 17 19 21 30 31 50

2.6 1.8 2.1 6.0 5.4 5.1 4.8 4.9 5.1 5.9 5.9 4.2 2.7 2.0
50 34 25 16 13 8 8 15 16 18 21 27 50

3.5 2.6 4.1 5.8 5.8 5.0 4.6 4.7 5.0 5.9 5.9 4.2 2.3 2.8
50 27 21 15 13 11 6 13 16 18 20 25 50

4.7 4.8 5.3 4.8 4.6 4.6 5.0 5.8 5.8 4.4 3.1 3.0
33 16 14 10 6 14 16 18 20 24 50

5.5 5.5 6.3 6.3 5.8 5.5 5.5 5.8 6.2 6.7 5.1 5.6 4.1
32 17 15 12 8 7 15 17 19 22 35 50

Sta + π - Elev
936.11

51 +50

52

+50

53

+24

+28

+31

+35.44

LT.

E

RT.

4.5 5.3 6.1 6.1 6.6 6.6 5.7 5.5 5.6 5.9 6.5 6.6 6.1 6.0
 50 37 28 15 14 12 10 8 14 17 20 21 50

5.2 5.2 5.0 6.0 5.6 5.4 5.6 5.8 6.5 6.5 5.5 4.8 4.5
 50 35 17 13 11 9 14 17 19 21 32 50

4.8 5.3 6.0 5.8 5.5 5.6 5.8 6.9 6.4 5.5 4.5 4.3
 34 17 16 10 7 14 16 19 21 34 50

6.0 5.6 5.5 6.5 6.1 5.5 5.5 5.8 6.3 6.3 5.5 4.8
 50 35 17 15 11 9 18 20 23 25 50

6.9 5.9 7.2 7.2 6.5 5.6 5.3 5.2 4.9 4.5
 50 22 20 18 15 8 15 33 50

7.6 7.5 6.9 6.1 5.5 5.2 5.0 4.2
 50 24 20 17 8 20 50

6.8 6.1 6.1 5.2 4.8 4.4 4.0
 50 28 20 17 38 50

3.25
 50

5.08

6.20
 50

Sta	+	↑	-	Elev
		936.11		

53 + 45.44				931.16
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+ 55.44				
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+ 60				
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+ 64				
------	--	--	--	--

+ 80				
------	--	--	--	--

B.M.	517	936.17	517	930.94	931.00
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+ 86				
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54

+ 50				
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Lt

F

Rt.

4.95

5.61

5.67

3.70
506.7
505.8
20

5.0

4.7
233.8
508.0
506.8 5.9
25 20

5.1

5.2
174.4
263.8
50

7.5	6.7	6.6	5.5	5.2	5.4	5.4	3.3	3.9
50	27	16	11		9	16	23	50

SPK in P.P. 22' H 54. 53+24

4.2	3.6	6.3	6.3	5.7	5.2	5.4	5.4	3.5	3.6	3.7
50	21	17	19	11		16	16	19	33	50

4.2	4.0	3.6	6.2	6.2	5.7	5.3	5.5	5.6	4.0	3.7
50	37	20	15	13	11		10	18	24	50

4.7	4.6	4.7	7.0	7.0	6.2	5.7	5.9	6.1	6.1	3.6	2.8
50	36	21	15	13	11		12	15	23	28	50

Sta.	+	π	-	Elev
		936.17		

55

+50

56

+50

57

T.P.	3.68	931.17	8.68	922.49
------	------	--------	------	--------

+50

58

+50

Lt.

£

Rt.

5.8 4.4 7.3 7.3 6.5 6.0 6.3 7.2 7.2 3.4 3.0
 50 22 15 13 11 11 15 17 22 50

6.5 5.5 7.8 7.8 7.0 6.4 6.7 7.8 7.6 4.3 3.8 3.8
 50 25 17 14 12 10 15 21 28 36 50

6.9 6.4 6.6 8.3 8.3 7.2 6.8 7.1 7.9 7.9 5.5 5.0 4.8
 50 28 23 17 15 11 11 16 18 28 35 50

7.0 6.7 6.7 8.2 8.4 8.0 7.4 7.7 8.3 8.3 6.3 5.8
 50 29 24 17 14 12 9 13 14 25 50

8.3 8.0 7.9 8.8 8.6 8.2 8.0 8.1 8.9 8.9 7.7 7.9
 50 29 25 17 13 11 8 15 18 22 41

4.2 4.8 4.7 3.6 3.3 3.9 4.8 4.8 4.4 4.7 4.3
 50 28 19 14 12 15 16 17 37 50

5.8 5.8 5.7 4.3 3.8 4.2 5.6 5.2 5.3 5.5
 50 29 16 13 9 12 14 39 50

6.1 6.3 6.3 6.1 4.6 4.4 4.8 6.5 6.8
 50 29 22 19 13 8 15 50

sta + π - Elev

931.17

59

+50

+70 X Drain

60

+50

61

+50

62

L

E

Rt

6.5 6.7 6.9 6.9 5.2 4.8 4.8 5.2 8.0 8.3 8.1
50 29 23 21 15 6 10 14 35 50

L0. 7.3 7.9 5.3 5.0 5.1 5.5 8.5 8.4 8.9 8.9 8.9
29 21 13 6 10 16 28 30 32 50

51 5.6 7.7 8.0 8.4 9.1 7.7 7.1 6.7
10 14 18 19 20 22 34 50

L0 7.9 8.5 5.5 5.2 5.2 5.5 7.3 6.7 5.8
29 21 14 7 9 15 30 42

L0. 5.8 6.4 6.1 5.0 4.7 4.8 5.0 7.0 7.0 5.9 6.0
29 26 19 14 5 9 13 20 22 50

L0. 3.3 4.6 6.0 6.0 4.6 4.2 4.2 4.6 6.2 6.2 4.4 4.8 5.2
32 27 24 20 15 7 9 13 17 21 35 50

L0. 2.4 2.8 5.0 5.0 3.8 3.4 3.6 4.0 4.6 4.3 4.2
35 26 24 21 15 6 8 13 29 50

3.0 3.8 4.4 4.4 3.5 2.8 2.9 3.4 3.9 3.9 3.2 2.0 1.5
50 26 24 22 17 5 8 10 13 15 38 50

Sta	+	π	-	Elev
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931.17

62 +40

+80

63

T.P.	4.81	933.86	2.12	929.05
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+50

+88 For X Drain only.

64

T.P.	5.77	935.09	4.54	929.92
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+50

65

Lt.

E

Rt.

3.7 3.8 3.5 3.0 2.5 2.4 2.7 3.0 1.8 1.3 1.1
 50 29 20 17 4 9 12 15 32 50

3.8 3.5 2.7 3.3 3.3 2.7 2.1 2.2 2.9 3.0 2.1 1.7
 50 34 23 21 19 16 7 9 12 37 50

3.8 3.5 2.5 3.0 3.0 2.5 2.1 2.1 2.5 3.3 2.8 2.0
 50 35 23 21 19 16 4 10 13 26 50

7.9 6.9 6.2 6.5 5.3 4.8 4.8 5.1 5.9 6.1 5.7 5.1
 50 33 26 21 17 6 9 12 17 35 50

culv. culv.
 8.3 7.3 5.9 5.0 4.6 4.7 5.1 7.0 6.1 5.8 5.8
 50 22 20 19 5 8 9 12 31 56

6.2 5.8 5.0 4.6 4.7 5.0 6.0 5.9 5.7
 50 28 16 4 7 11 27 40

6.3 6.3 7.5 7.2 5.9 5.6 5.6 6.0 6.7 6.7 6.1 6.0 7.3
 50 33 28 22 18 6 5 12 14 18 23 50

5.1 5.1 6.6 6.6 5.8 5.3 5.9 5.7 7.0 7.0 6.3 6.4 7.1
 50 33 27 22 17 5 6 13 14 15 25 50

Sta.	+	-	Elev
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		935.09	
--	--	--------	--

65	+50		
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66			
----	--	--	--

	+50		
--	-----	--	--

	+74		
--	-----	--	--

67			
----	--	--	--

	+20		
--	-----	--	--

	+50		
--	-----	--	--

	+58		
--	-----	--	--

B.M.			
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5.62	929.37	(929.42)	
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Lt.

#

Rt.

5.1	5.4	6.4	6.4	5.8	5.3	5.5	6.1	7.7	7.7	7.2	7.8	8.0
50	34	26	22	18	3		7	11	15	17	28	50

6.2	6.2	6.7	5.6	5.2	5.4	5.7	7.2	7.2	6.9	5.7
50	40	22	15	3		6	10	16	17	50

5.8	5.4	5.4	5.0	5.0	5.5	6.4	6.4	6.2	4.5	3.7	3.5
50	30	17	10		8	13	15	18	30	38	50

6.3	5.8	5.2	4.8	5.3	6.6	6.7	5.4	4.2	3.8	4.1
50	29	15		8	12	16	19	30	41	50

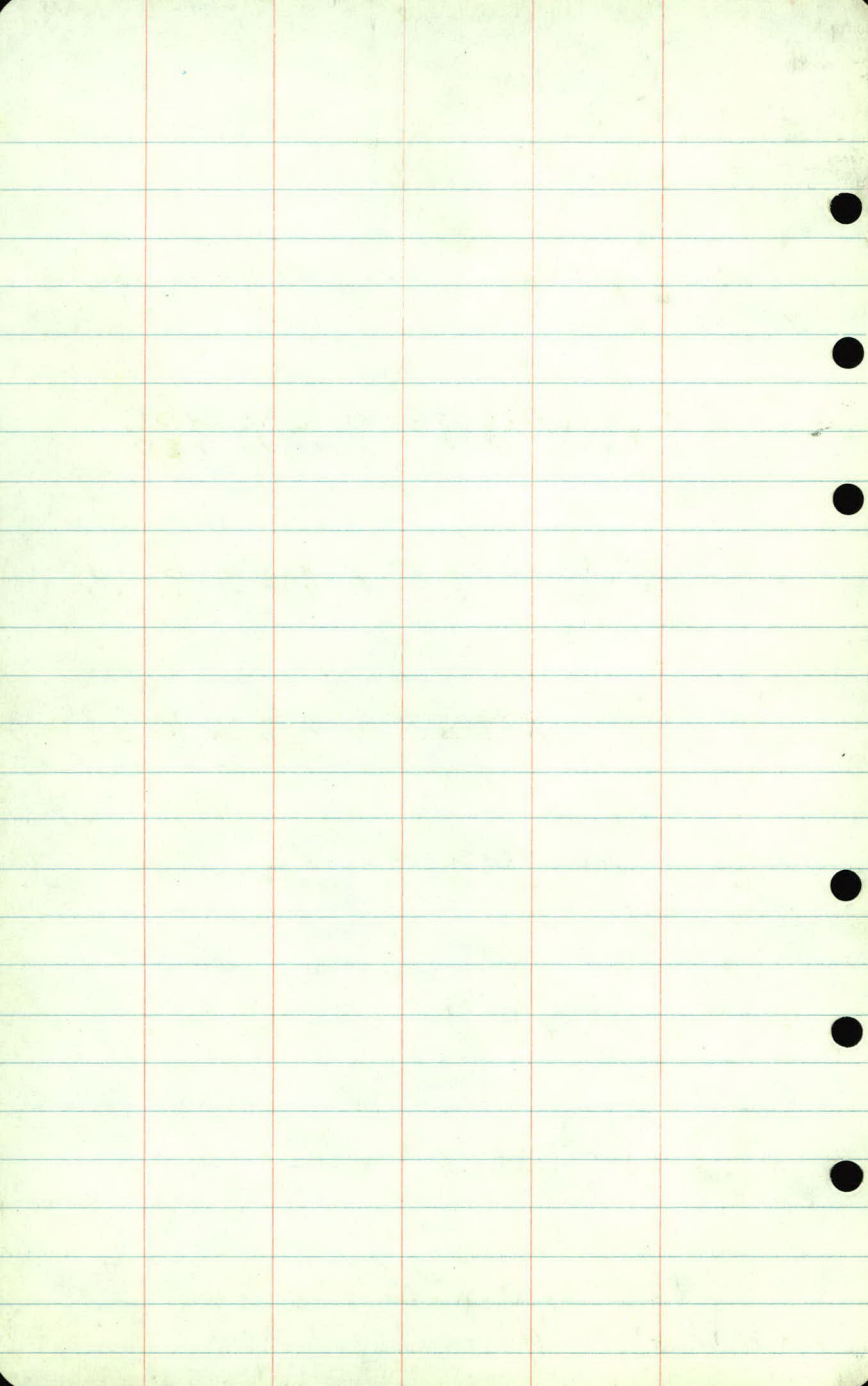
6.8	6.2	6.3	5.7	5.0	5.3	5.9	6.1	6.7
50	25	19	16		10	16	28	50

6.9	6.5	6.5	5.9	5.1	5.2	5.6	5.2
50	24	18	15		17	42	50

7.3	7.2	6.6	5.5	5.2
50	43	39	15	

5.2

Spk in T.P. 15' Rt. Sta 66+79



Ditch stakes
Stillwater St

Pacific Ave to Northwest Ave

Sta	+	π	-	Grade
B.M.	5.86	927.03		921.17

0 +100 = E. End 18' C.M. 21.1

T.P.	5.25	929.48	2.80	924.23
------	------	--------	------	--------

3

+50

4 +100

21.1

Gr. Rad

Lt

E

Et

FL 18" C.M. Under Pacific East End.

5.93

838

838 ✓

838 ✓

Blue Tops set 2' above grade.

sta	+	π	-	Grade
		929.48		

4	+50			21.4
---	-----	--	--	------

5				21.7
---	--	--	--	------

	+50			22.0
--	-----	--	--	------

	+75			22.07
T.P.	634 12" C.M. CURV.	932.26	356	925.92
6		+07		22.16

	+50			22.3
--	-----	--	--	------

7				22.4
---	--	--	--	------

	+50			22.55
--	-----	--	--	-------

Gr. Rod

Lt

4

Rt

8.08 ✓

7.78 ✓

7.48 ✓

7.41 ✓

Nail in T.P. #71 rt. sta. 6100

10.10 ✓

25.6
6.7

9.96 ✓

20.5
3.8

26.4
5.9

24.5
7.8

9.86 ✓

0.4
1.3

27.1
5.2

26.0
6.3

9.71 ✓

21.2
1.1

27.1
5.2

Sta	+	π	-	Grade
-----	---	-------	---	-------

932.26

8				22.7
---	--	--	--	------

+50				22.85
-----	--	--	--	-------

9				23.0
---	--	--	--	------

+03 = X Drain

+50				23.15
-----	--	--	--	-------

T.P			5.47	926.79
-----	--	--	------	--------

10				23.3
----	--	--	--	------

+50				23.4
-----	--	--	--	------

11				23.5
----	--	--	--	------

+50				23.65
-----	--	--	--	-------

Gr. Red

Lt.

E

Et

9.56 ✓

31.3
1.0
18.6

29.1
92
153

27.5
4.8

9.41 ✓

27.3
4.8

27.9
4.9

27.4
4.9

9.26 ✓

9.11 ✓

Top S. End X Drain pt sta 9103

Sta	+	π	-	Grade
-----	---	-------	---	-------

12				23.8
----	--	--	--	------

+50				23.95
-----	--	--	--	-------

13				24.1
----	--	--	--	------

+49 = X Drain

+50				24.25
-----	--	--	--	-------

14				24.4
----	--	--	--	------

+50				24.55
-----	--	--	--	-------

15				24.7
----	--	--	--	------

+50				24.8
-----	--	--	--	------

Gr. Bod

Lt.

E

Et

sta	+	π	-	Grade
-----	---	-------	---	-------

15	+63			
----	-----	--	--	--

				24.84
--	--	--	--	-------

16	+07			
----	-----	--	--	--

				24.96
--	--	--	--	-------

	+61			
--	-----	--	--	--

				25.11
--	--	--	--	-------

Gr. Bod

lt

£

lt

