

Dr. 16 - Bk. 14

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

_____ Plan _____ Survey

COUNTY ROAD "J"
NORTH COUNTY LINE ROAD

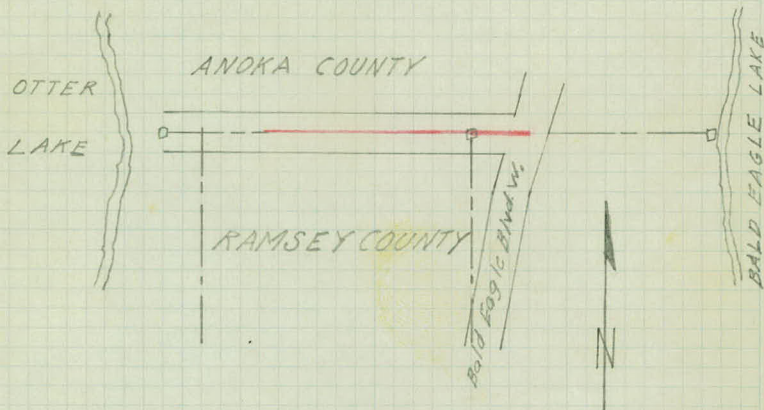
From 600' E. Otter Lake To Bald Eagle Blvd. W.

Road Acc't. No. 15

Date Filed 10-26-32

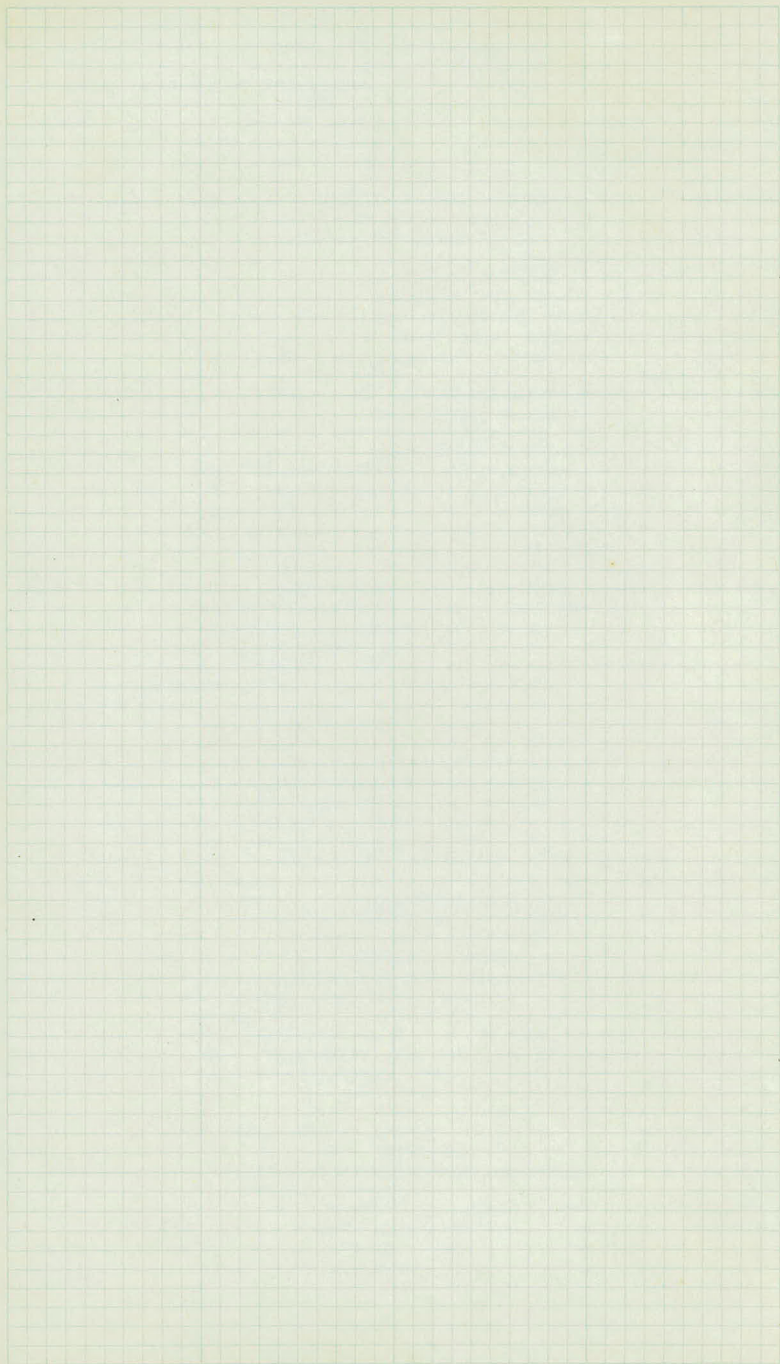
File _____

PLAN SURVEY
NORTH COUNTY LINE
600' E of Otter Lake to Bald Eagle Bnd. W.



INDEX

- Align - 1-3
Topog - 4-8
Bench
Levels - 9-10
Xsections - 11-18



1

Alignment

Sta.	Point	$\Delta Lt.$	$\Delta Rt.$
------	-------	--------------	--------------

10	+00	P.O.T.	
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9	+68.55	P.O.T.	
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0	+00		
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6-29-39

2

K.A.

L.C.

A.B.

2" Oak

28.05'

30.57'

Bolt Spike

10" Stump

1" X 2" Hub

24" Oak

18.44'

18.07'

18" Oak

30" Elm

22.31'

Mont.

44.71'

33.57'

24" Willow

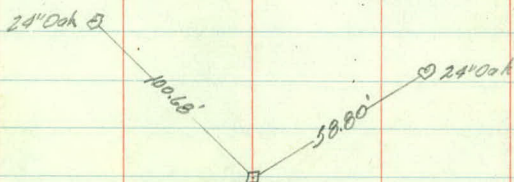
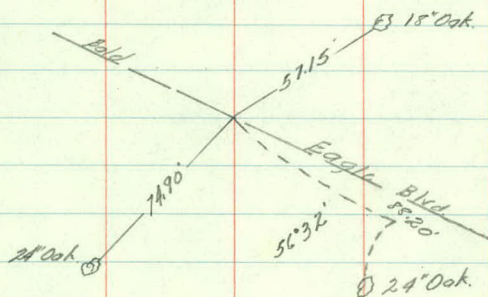
30" Ash

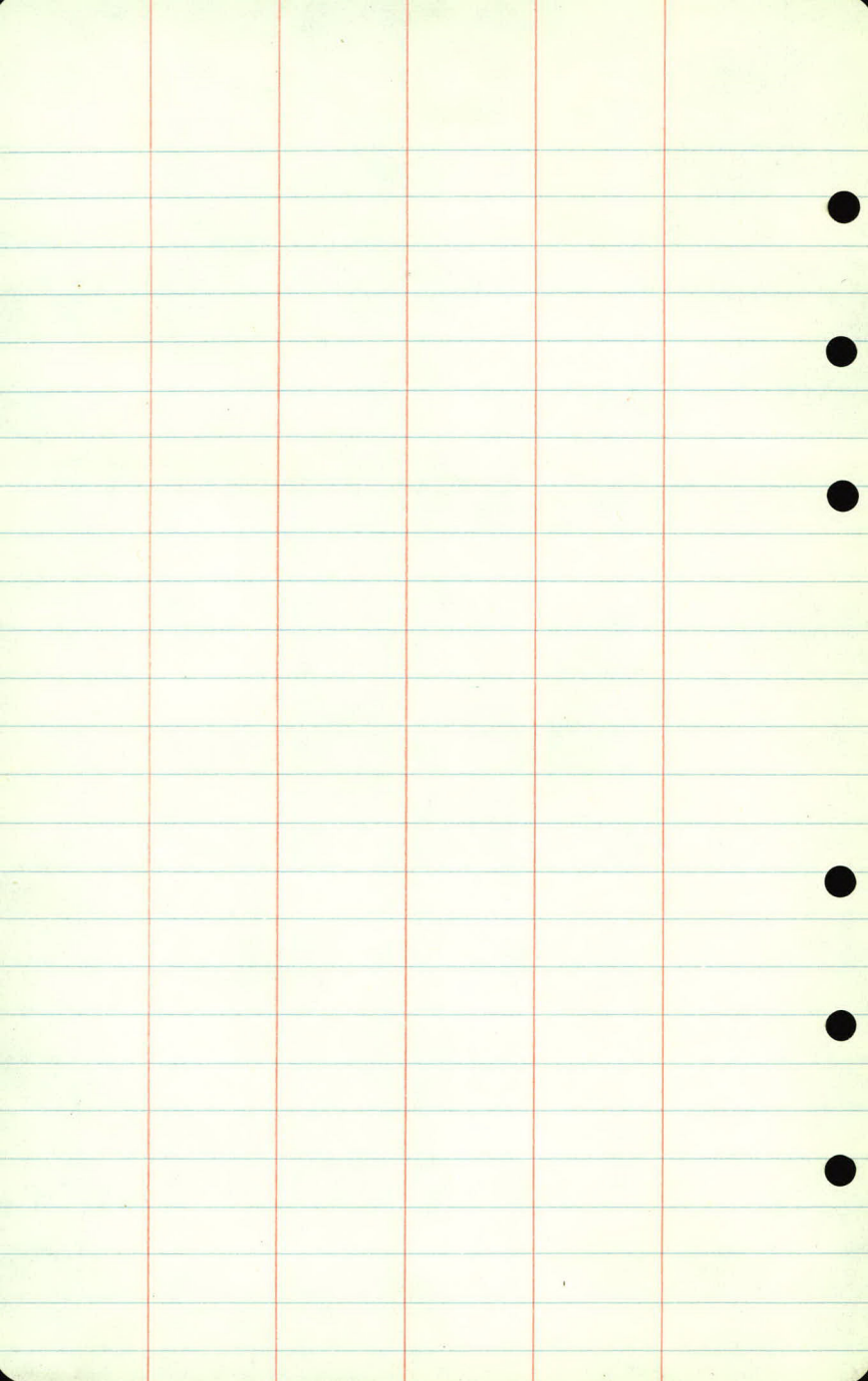
Sta	Point	Δ Lt	Δ Rt
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29	+ 11.78 = 74 + 77.4	Bald Eagle Blvd. W.	
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21	196.22	P. 1.	
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			0° 28'
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Topography

149-15" Oak-31'

127-15" Oak-31'

11

4' 12'

FC-24'

10

2' 12'

FC-25'

9

4' 11'

FC-25'

8

Ent

142-Di. Fe-24'

128-Di. Fe-47'

117-Forge Ho-

118-Fe. Cor-22'

3' 11'

10" x 20" C.M.
160-End 10" C.M. 11' 160- 5' 7'

155-5-6" Basswood-29'

154-End 10" C.M. -13'

130-13' 0.0

7

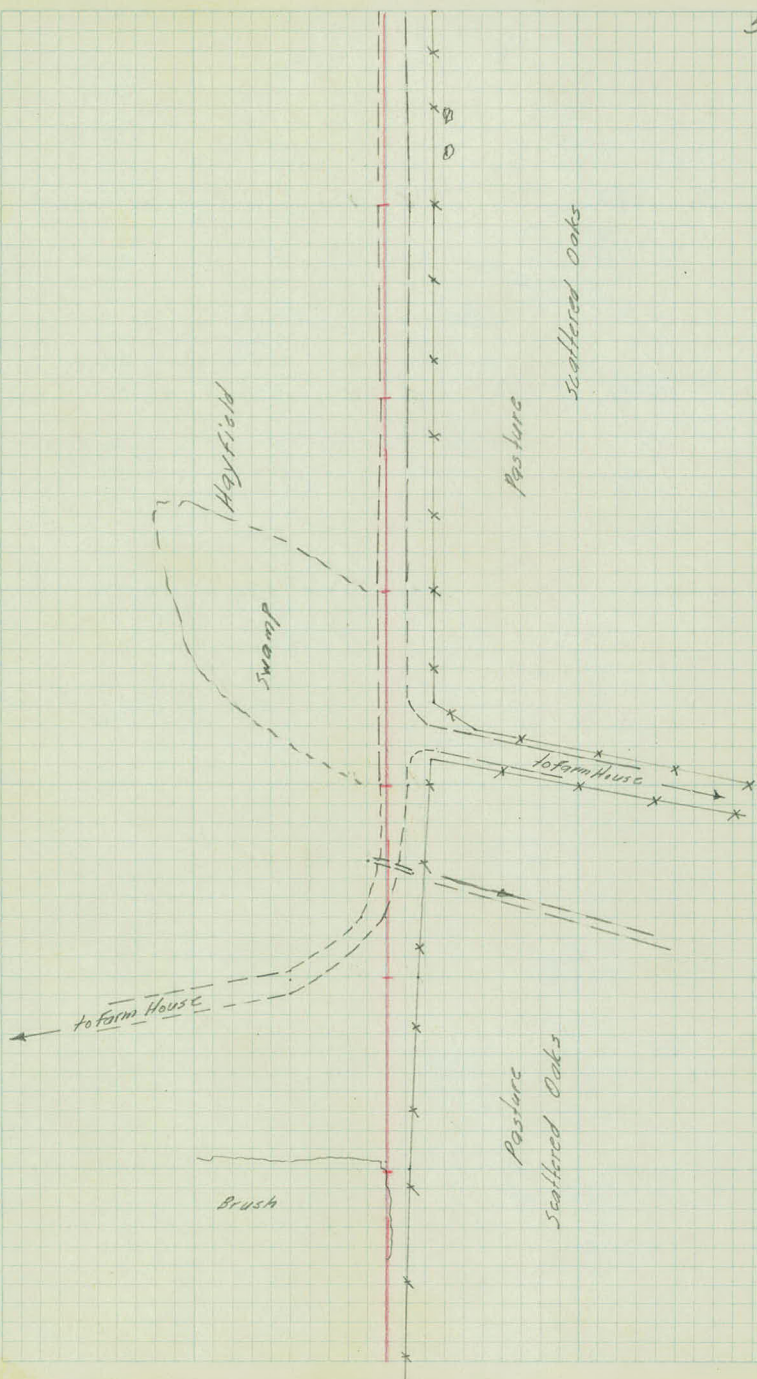
178-Ent-50'

FC-17'

6

103-End Trees & Brush 0.0

FC-12'



18 Fc-25' 5' 9' Brush-11' Fc-25'

+72-18" Oak-25'

+35-Edge Swamp
+25-Edge Water-22'

17 Fc-22' 5' 6'

+87-4-6" Birch-19'

+67-6" Trp. Birch-16'

16 Fc-23' 5' 7' Water- Fc-24'

+68-Bog. Swamp

+50-Water-12'

+90-20" Pop-12'

15 Fc-24' 4' 8' Fc-24'

+20-Edge Swamp-12'
+68-Fc. Cor-25'

14 4' 8' +68-Fc. Cor-25'

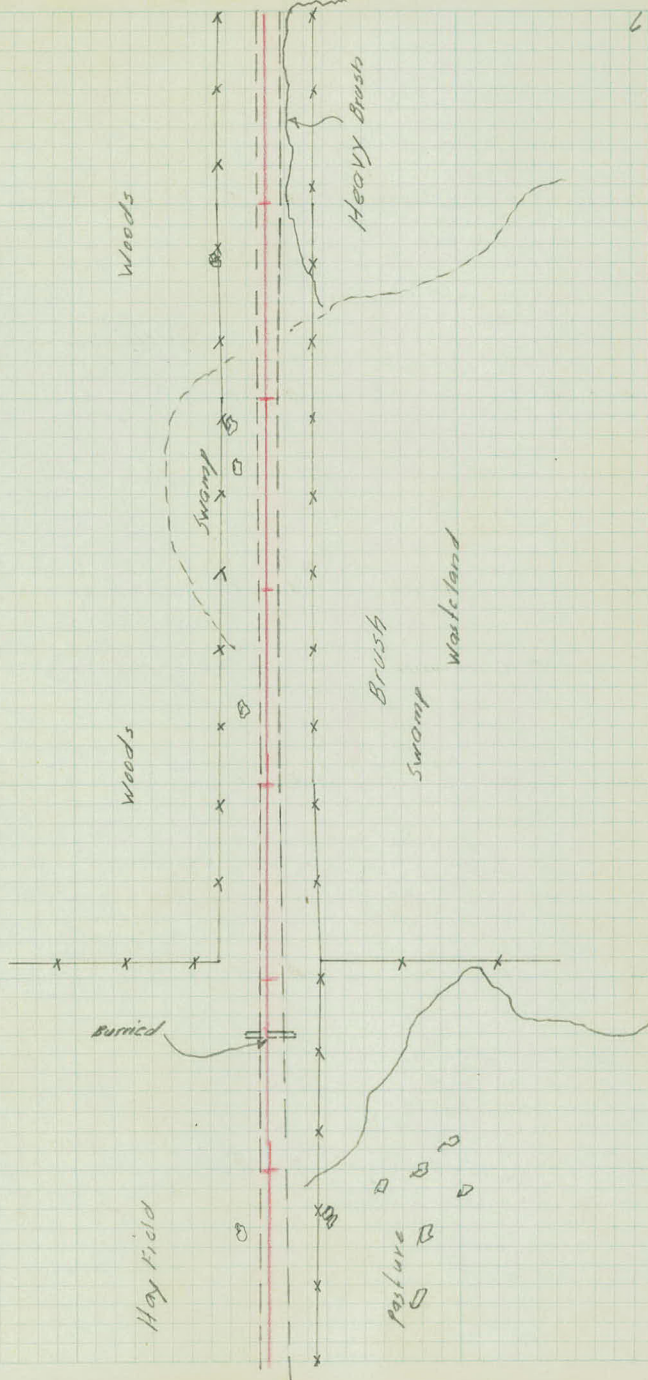
+70-2-10" X 286 M. 11' 13'

13 3' 9'

+77-10" Oak-31'
+74-10" Oak-32'

+65-12" Elm-15'

12 4' 10' Fc-24'



25'

5' 8'

Brush - 14'

162-20" Pop. - 12'
 +48-18" Pop. - 14'
 122-Ent.

112-Beg. Brush - 15'

24 FC-23'

2' 9'

FC-25'

23

3' 9'

+86-5" Tw. Willow - 10'
 +78-4" Tw. Willow - 10'

22 FC-24'

2' 11'

FC-25'

183-18" Oak - 16'
 +58-18" Oak - 27'
 +46-18" Oak - 25'

21 FC-23'

4' 9'

FC-26'

20 Water-7'

5' 7'

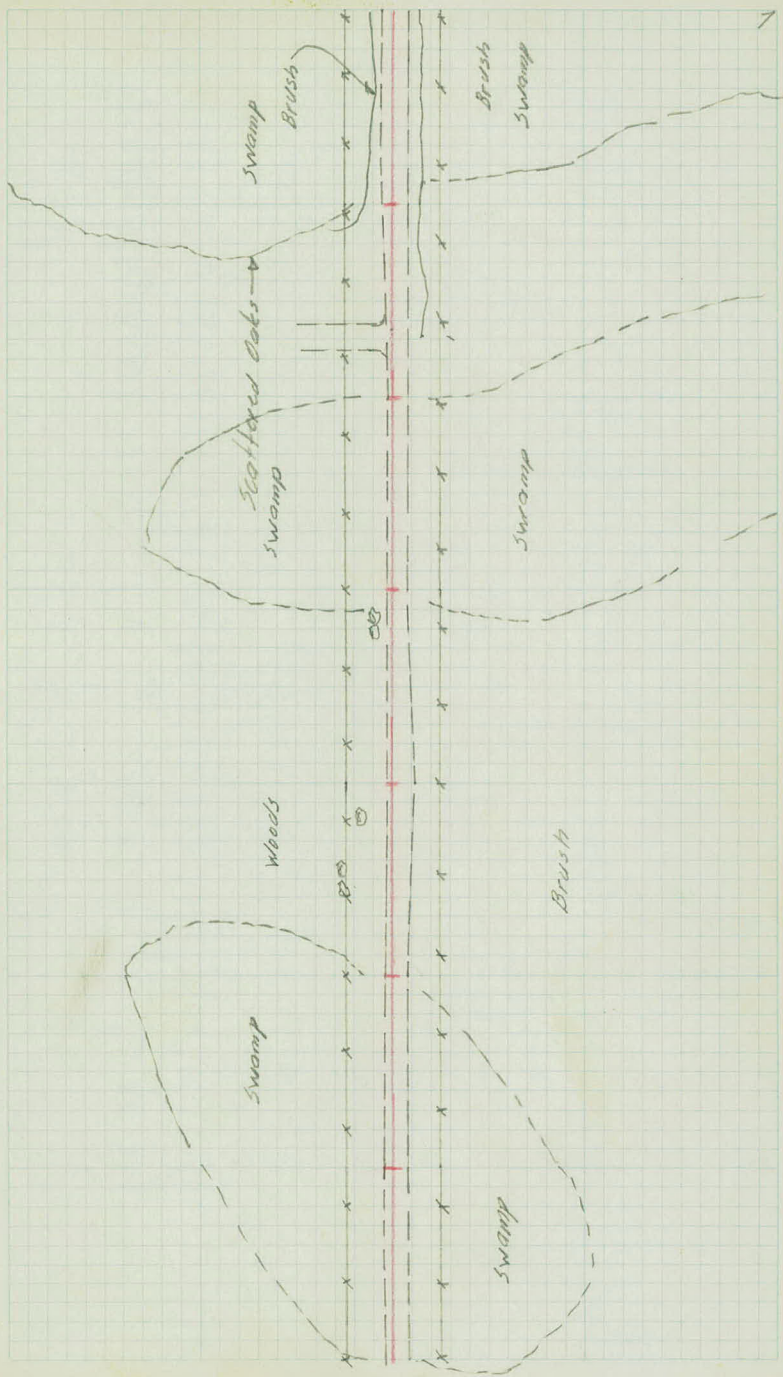
Water-12'

19

Water-12'

4' 8'

Water-14'



29

+10-16'

+80 4'

+90-24' Oak-28'
+37-FcCor-37'

28 Fc-26'

+90-End Brush 20'

43' +73
23' +60

14' +90

+41-FcCor-33' End Brush-27'

+28-24' Oak-29'

+09-24' Birch-25'

4' 8' Brush-18' Fc-24'

+80-Fc-24'

27

Brush-11'

5' 7'

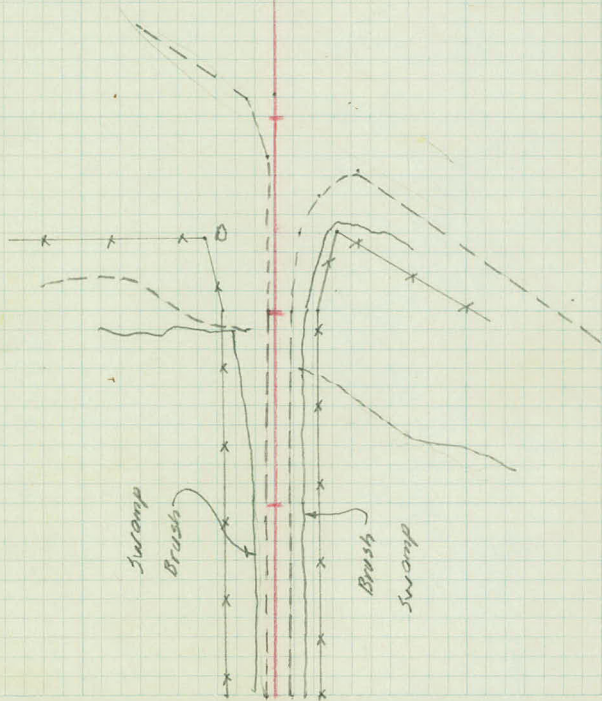
Brush-13'

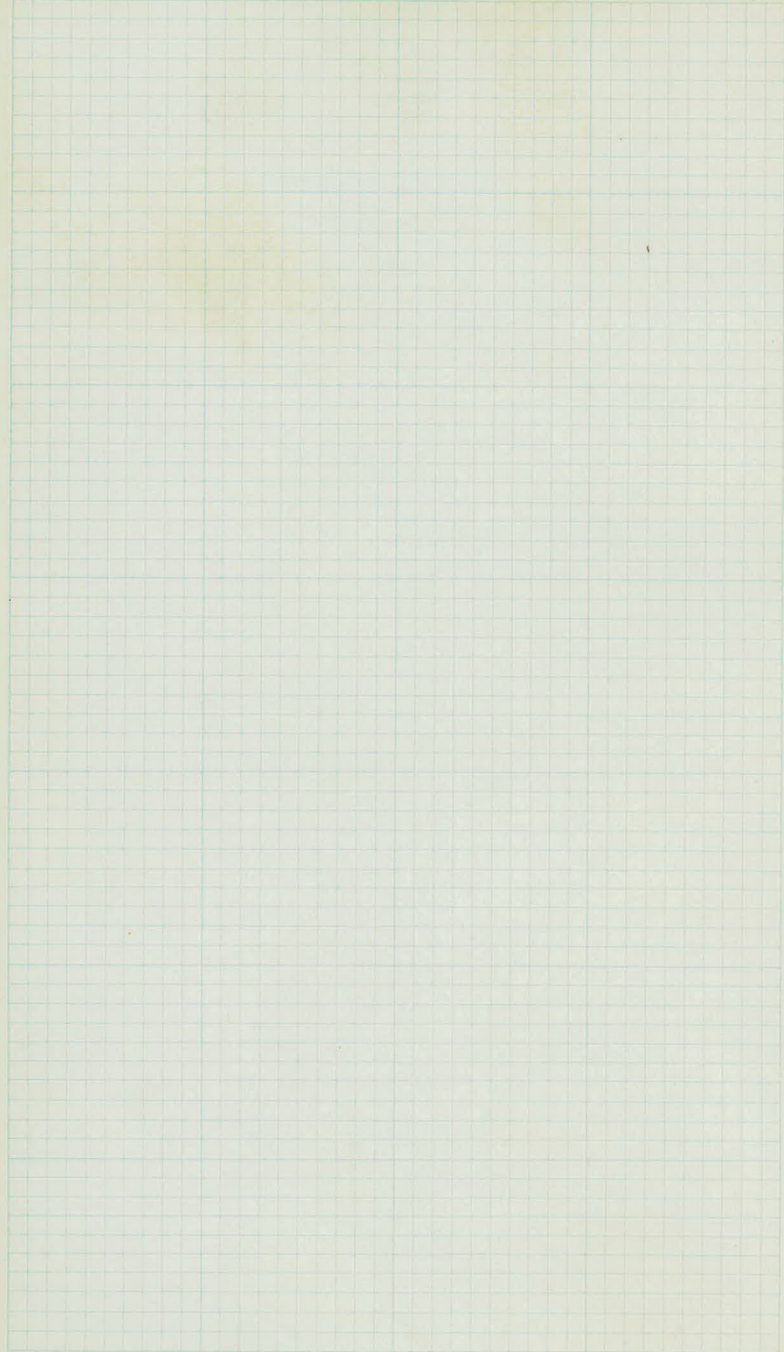
26

Brush-10'

5' 5'

Brush-14'





Bench Levels.

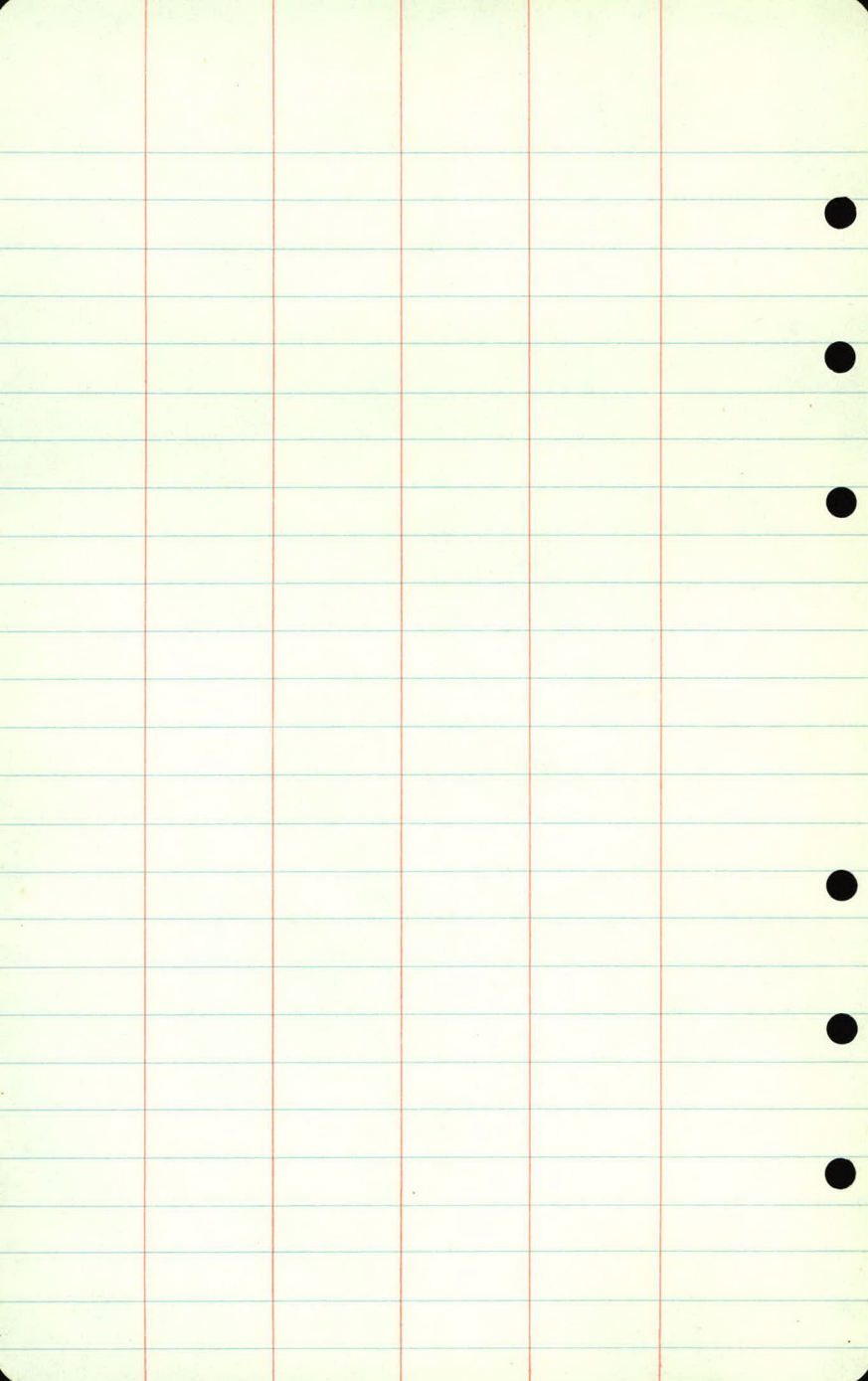
Sta.	+	π	-	Elev.
B.M.	3.25	932.09		(928.84)
T.P.	10.14	929.16	13.07	919.02
T.P.	1.47	920.62	10.01	919.15
T.P.	8.17	925.79	3.00	917.62
B.M.	4.24	924.69	5.34	920.45
T.P.	13.09	937.36	0.42	924.27
T.P.	6.10	943.36	0.10	937.26
B.M.			4.40	938.96

Description

Spk. in 24" Oak S.W. Cor. N. Co. Line & Bold Eagle Blvd. W.

Spk. in 10" Oak 12' Lt. 12/79

Spk. in 18" Oak Rt. 6+30



xsections

Sta	+	π	-	Elcy
B.M.	4.40	943.36		938.96

6	+00			37.6
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	145			38.1
--	-----	--	--	------

	+84			34.7
--	-----	--	--	------

7				33.5
---	--	--	--	------

	+30			32.9
--	-----	--	--	------

	+65			32.6
--	-----	--	--	------

8				33.2
---	--	--	--	------

I.R.	12.90	949.23	6.63	936.83
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	+25 Ent. Rt.			
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	+45			34.9
--	-----	--	--	------

	+80			36.8
--	-----	--	--	------

9				38.0
---	--	--	--	------

11

4

RT

Spk in 18" Oak RT Sfg. L130

$$\begin{array}{r} 34 \\ 30 \end{array} \quad \begin{array}{r} 33 \\ 32 \end{array} \quad \begin{array}{r} 48 \\ 12 \end{array} \quad \begin{array}{r} 58 \\ 12 \end{array} \quad \begin{array}{r} 59 \\ 22 \end{array} \quad \begin{array}{r} 49 \\ 41 \end{array} \quad \begin{array}{r} 45 \\ 50 \end{array} \quad \begin{array}{r} 61 \\ 50 \end{array}$$

$$\begin{array}{r} 30 \\ 50 \end{array} \quad \begin{array}{r} 27 \\ 41 \end{array} \quad \begin{array}{r} 39 \\ 18 \end{array} \quad \begin{array}{r} 53 \\ 11 \end{array} \quad \begin{array}{r} 63 \\ 22 \end{array} \quad \begin{array}{r} 64 \\ 31 \end{array} \quad \begin{array}{r} 59 \\ 47 \end{array} \quad \begin{array}{r} 64 \\ 50 \end{array} \quad \begin{array}{r} 67 \\ 50 \end{array}$$

$$\begin{array}{r} 65 \\ 50 \end{array} \quad \begin{array}{r} 73 \\ 29 \end{array} \quad \begin{array}{r} 86 \\ 8 \end{array} \quad \begin{array}{r} 87 \\ 15 \end{array} \quad \begin{array}{r} 86 \\ 23 \end{array} \quad \begin{array}{r} 87 \\ 38 \end{array} \quad \begin{array}{r} 97 \\ 50 \end{array} \quad \begin{array}{r} 107 \\ 50 \end{array}$$

$$\begin{array}{r} 92 \\ 58 \end{array} \quad \begin{array}{r} 98 \\ 27 \end{array}$$

$$\begin{array}{r} 99 \\ 6 \end{array} \quad \begin{array}{r} 97 \\ 16 \end{array} \quad \begin{array}{r} 95 \\ 30 \end{array} \quad \begin{array}{r} 97 \\ 50 \end{array} \quad \begin{array}{r} 118 \\ 50 \end{array}$$

$$\begin{array}{r} 100 \\ 50 \end{array} \quad \begin{array}{r} 110 \\ 29 \end{array} \quad \begin{array}{r} 109 \\ 14 \end{array} \quad \begin{array}{r} 105 \\ 8 \end{array} \quad \begin{array}{r} 108 \\ 17 \end{array} \quad \begin{array}{r} 114 \\ 26 \end{array} \quad \begin{array}{r} 117 \\ 50 \end{array} \quad \begin{array}{r} 126 \\ 50 \end{array}$$

$$\begin{array}{r} 111 \\ 50 \end{array} \quad \begin{array}{r} 108 \\ 41 \end{array} \quad \begin{array}{r} 119 \\ 22 \end{array} \quad \begin{array}{r} 127 \\ 14 \end{array} \quad \begin{array}{r} 109 \\ 9 \end{array} \quad \begin{array}{r} 105 \\ 8 \end{array} \quad \begin{array}{r} 109 \\ 12 \end{array} \quad \begin{array}{r} 115 \\ 20 \end{array} \quad \begin{array}{r} 120 \\ 39 \end{array} \quad \begin{array}{r} 129 \\ 50 \end{array}$$

$$\begin{array}{r} 120 \\ 50 \end{array} \quad \begin{array}{r} 122 \\ 25 \end{array} \quad \begin{array}{r} 124 \\ 16 \end{array}$$

$$\begin{array}{r} 102 \\ 9 \end{array}$$

$$\begin{array}{r} 102 \\ 11 \end{array} \quad \begin{array}{r} 104 \\ 16 \end{array} \quad \begin{array}{r} 111 \\ 22 \end{array} \quad \begin{array}{r} 115 \\ 35 \end{array} \quad \begin{array}{r} 114 \\ 50 \end{array} \quad \begin{array}{r} 110 \\ 50 \end{array}$$

Top Wt. Cor. F.P.

34.0.

$$\begin{array}{r} 157 \\ 6 \end{array} \quad \begin{array}{r} 156 \\ 11 \end{array} \quad \begin{array}{r} 158 \\ 14 \end{array} \quad \begin{array}{r} 159 \\ 50 \end{array} \quad \begin{array}{r} 157 \\ 50 \end{array}$$

$$\begin{array}{r} 200 \\ 50 \end{array} \quad \begin{array}{r} 200 \\ 39 \end{array} \quad \begin{array}{r} 191 \\ 14 \end{array} \quad \begin{array}{r} 151 \\ 5 \end{array} \quad \begin{array}{r} 148 \\ 14 \end{array} \quad \begin{array}{r} 152 \\ 25 \end{array} \quad \begin{array}{r} 157 \\ 50 \end{array} \quad \begin{array}{r} 160 \\ 50 \end{array}$$

$$\begin{array}{r} 197 \\ 50 \end{array} \quad \begin{array}{r} 197 \\ 29 \end{array} \quad \begin{array}{r} 188 \\ 17 \end{array} \quad \begin{array}{r} 133 \\ 5 \end{array} \quad \begin{array}{r} 129 \\ 12 \end{array} \quad \begin{array}{r} 130 \\ 25 \end{array} \quad \begin{array}{r} 121 \\ 27 \end{array} \quad \begin{array}{r} 109 \\ 30 \end{array} \quad \begin{array}{r} 85 \\ 50 \end{array} \quad \begin{array}{r} 81 \\ 50 \end{array}$$

$$\begin{array}{r} 194 \\ 50 \end{array} \quad \begin{array}{r} 193 \\ 39 \end{array} \quad \begin{array}{r} 179 \\ 20 \end{array} \quad \begin{array}{r} 119 \\ 6 \end{array} \quad \begin{array}{r} 117 \\ 10 \end{array} \quad \begin{array}{r} 119 \\ 16 \end{array} \quad \begin{array}{r} 117 \\ 27 \end{array} \quad \begin{array}{r} 88 \\ 30 \end{array} \quad \begin{array}{r} 65 \\ 37 \end{array} \quad \begin{array}{r} 53 \\ 50 \end{array} \quad \begin{array}{r} 52 \\ 50 \end{array}$$

Sta.	t	π	-	Elev.
		949.73		
9	+25			38.7
	+53			38.6
	+78			37.8
10				36.8
	+35			34.8
T.P.	1.29	937.78	13.24	936.49
	+65			33.0
11				30.9
	+50			27.7
12				24.0
	+50			20.4
T.P.	0.22	924.98	13.52	924.26
	+50			
B.M.			4.03	920.95
				920.95

7-7-39
K.H.
L.B.H.
L.C.
H.B.

13

41

2

Rt.

$\frac{186}{50}$ $\frac{96}{11}$ $\frac{112}{5}$ $\frac{110}{13}$ $\frac{111}{18}$ $\frac{94}{27}$ $\frac{60}{31}$ $\frac{36}{40}$ $\frac{34}{50}$

$\frac{65}{50}$ $\frac{51}{36}$ $\frac{48}{25}$ $\frac{69}{16}$ $\frac{106}{9}$ $\frac{113}{6}$ $\frac{111}{13}$ $\frac{112}{15}$ $\frac{101}{27}$ $\frac{59}{30}$ $\frac{47}{41}$ $\frac{60}{50}$

$\frac{31}{50}$ $\frac{23}{25}$ $\frac{64}{15}$ $\frac{107}{9}$ $\frac{119}{5}$ $\frac{119}{10}$ $\frac{118}{15}$ $\frac{119}{14}$ $\frac{107}{22}$ $\frac{82}{28}$ $\frac{75}{41}$ $\frac{104}{50}$

$\frac{3.2}{50}$ $\frac{34}{39}$ $\frac{40}{24}$ $\frac{70}{19}$ $\frac{93}{11}$ $\frac{120}{7}$ $\frac{129}{5}$ $\frac{129}{9}$ $\frac{128}{14}$ $\frac{130}{15}$ $\frac{121}{19}$ $\frac{105}{26}$ $\frac{117}{35}$ $\frac{135}{50}$

$\frac{71}{50}$ $\frac{76}{32}$ $\frac{101}{20}$ $\frac{134}{12}$ $\frac{143}{6}$ $\frac{153}{5}$ $\frac{149}{9}$ $\frac{150}{14}$ $\frac{151}{25}$ $\frac{162}{39}$ $\frac{188}{50}$

$\frac{0.0}{50}$ $\frac{24}{31}$ $\frac{36}{16}$ $\frac{44}{12}$ $\frac{45}{7}$ $\frac{49}{6}$ $\frac{48}{9}$ $\frac{48}{15}$ $\frac{53}{27}$ $\frac{57}{41}$ $\frac{75}{50}$

$\frac{43}{50}$ $\frac{57}{21}$ $\frac{66}{13}$ $\frac{63}{7}$ $\frac{70}{5}$ $\frac{69}{9}$ $\frac{68}{13}$ $\frac{72}{22}$ $\frac{79}{35}$ $\frac{79}{50}$

$\frac{99}{50}$ $\frac{97}{31}$ $\frac{95}{8}$ $\frac{102}{5}$ $\frac{101}{5}$ $\frac{101}{12}$ $\frac{104}{16}$ $\frac{100}{18}$ $\frac{82}{23}$ $\frac{78}{42}$ $\frac{68}{50}$

$\frac{163}{50}$ $\frac{144}{34}$ $\frac{133}{18}$ $\frac{137}{10}$ $\frac{139}{6}$ $\frac{138}{4}$ $\frac{138}{12}$ $\frac{141}{16}$ $\frac{124}{22}$ $\frac{90}{50}$

$\frac{174}{7}$ $\frac{178}{11}$ $\frac{180}{16}$ $\frac{174}{19}$ $\frac{151}{26}$ $\frac{137}{39}$ $\frac{116}{50}$

$\frac{88}{50}$ $\frac{81}{33}$ $\frac{66}{14}$ $\frac{43}{9}$

(4.1)

3pk. in 10" dia 32LH 12-74

Sta.	+	π	-	Elev.
		924.48		
12	+55			18.0 .
13				17.1 .
	+50			14.8 .
14				14.2 .
	+50			14.9 .
T.P.	3.26	918.70	9.04	915.44
15				15.5 .
	+25			15.3 .
	+65			14.2 .
16				13.7 .
	+50			13.4 .
17				14.3 .
T.P.	11.83	907.22	3.31	915.39

L

2

Rt

$$\frac{108}{50} \frac{110}{26} \frac{107}{14} \frac{66}{7} \frac{65}{-} \frac{71}{11} \frac{84}{14} \frac{94}{25} \frac{66}{41} \frac{35}{50}$$

$$\frac{114}{50} \frac{116}{29} \frac{113}{13} \frac{74}{7} \frac{74}{-} \frac{80}{10} \frac{97}{13} \frac{102}{25} \frac{109}{41} \frac{99}{50}$$

$$\frac{124}{50} \frac{127}{43} \frac{127}{15} \frac{117}{9} \frac{99}{5} \frac{97}{-} \frac{101}{10} \frac{119}{14} \frac{126}{24} \frac{123}{50}$$

$$\frac{124}{50} \frac{125}{19} \frac{122}{10} \frac{106}{6} \frac{103}{-} \frac{105}{10} \frac{123}{13} \frac{126}{23} \frac{126}{50}$$

$$\frac{107}{50} \frac{103}{32} \frac{105}{20} \frac{106}{12} \frac{98}{8} \frac{96}{-} \frac{100}{9} \frac{115}{12} \frac{121}{22} \frac{124}{50}$$

$$\frac{132}{50} \frac{130}{35} \frac{123}{20} \frac{12}{13} \frac{32}{-} \frac{35}{10} \frac{43}{13} \frac{66}{23} \frac{69}{35} \frac{66}{50}$$

$$\frac{134}{50} \frac{132}{33} \frac{110}{20} \frac{31}{15} \frac{23}{9} \frac{39}{-} \frac{42}{7} \frac{65}{13} \frac{71}{23} \frac{72}{33} \frac{72}{50}$$

$$\frac{28}{50} \frac{55}{30} \frac{58}{23} \frac{62}{11} \frac{48}{7} \frac{45}{-} \frac{47}{5} \frac{64}{9} \frac{74}{13} \frac{79}{22} \frac{84}{50}$$

$$\frac{63}{50} \frac{64}{11} \frac{52}{7} \frac{50}{-} \frac{45}{9} \frac{63}{11} \frac{66}{23} \frac{78}{11} \text{ L.O.}$$

$$\frac{69}{50} \frac{69}{39} \frac{64}{22} \frac{66}{9} \frac{56}{7} \frac{53}{-} \frac{56}{7} \frac{66}{10} \frac{68}{29} \frac{70}{50}$$

$$\frac{65}{50} \frac{67}{23} \frac{61}{10} \frac{45}{7} \frac{44}{-} \frac{47}{6} \frac{64}{11} \frac{85}{13} \text{ L.O.}$$

Sta.	+	π	-	Elev.
		927.22		
17	+30			15.7 .
	+75			18.9 .
18				20.4 .
	+25			21.7 .
	+60			22.8 .
	+76			22.9 .
I.P.	700	929.74	4.48	922.74
19				22.5 .
	+30			21.9 .
	+65			21.6 .
20				21.6 .
	+50			22.1 .

Lt.

A.

Rt.

$$\begin{array}{cccccccc} 129 & 138 & 138 & 130 & 117 & 115 & 120 & 158 \\ 50 & 36 & 22 & 13 & 8 & 7 & 14 & 24 \end{array} \quad L.O.$$

$$\begin{array}{cccccccc} 55 & 50 & 47 & 75 & 87 & 83 & 84 & 80 \\ 50 & 37 & 21 & 14 & 7 & 9 & 12 & 15 \end{array} \quad \begin{array}{cc} 67 & 73 \\ 24 & 50 \end{array} \quad 10.0$$

$$\begin{array}{cccccccc} 91 & 31 & 20 & 62 & 70 & 68 & 70 & 27 \\ 50 & 36 & 22 & 15 & 9 & 8 & 14 & 24 \end{array} \quad \begin{array}{cc} 27 & 37 \\ 24 & 50 \end{array}$$

$$\begin{array}{cccccccc} 12 & 07 & 65 & 49 & 55 & 55 & 58 & 11 \\ 50 & 35 & 20 & 13 & 8 & 8 & 16 & 25 \end{array} \quad \begin{array}{cc} 21 & 31 \\ 27 & 37 \end{array} \quad S.S.$$

$$\begin{array}{cccccccc} 09 & 07 & 14 & 16 & 14 & 48 & 38 & 37 \\ 50 & 34 & 18 & 11 & 8 & 8 & 16 & 28 \end{array} \quad \begin{array}{cc} 45 & 45 \\ 50 & 50 \end{array}$$

$$\begin{array}{cccccccc} 16 & 27 & 28 & 45 & 45 & 43 & 47 & 25 \\ 50 & 30 & 16 & 12 & 7 & 9 & 16 & 24 \end{array} \quad \begin{array}{cc} 27 & 39 \\ 24 & 50 \end{array}$$

$$\begin{array}{cccccccc} 61 & 88 & 90 & 74 & 22 & 74 & 76 & 72 \\ 50 & 26 & 12 & 8 & 6 & 11 & 15 & 27 \end{array} \quad \begin{array}{cc} 95 & 95 \\ 27 & 27 \end{array} \quad L.O.$$

$$L.O. \quad \begin{array}{cccccccc} 91 & 96 & 83 & 78 & 51 & 98 & 96 \\ 25 & 11 & 8 & 9 & 13 & 27 & 27 \end{array} \quad L.O.$$

$$L.O. \quad \begin{array}{cccccccc} 94 & 94 & 82 & 81 & 83 & 96 & 97 \\ 25 & 11 & 8 & 10 & 14 & 27 & 27 \end{array} \quad L.O.$$

$$L.O. \quad \begin{array}{cccccccc} 95 & 93 & 84 & 81 & 84 & 96 & 94 \\ 25 & 10 & 8 & 10 & 14 & 27 & 27 \end{array} \quad L.O.$$

$$L.O. \quad \begin{array}{cccccccc} 96 & 96 & 80 & 76 & 77 & 96 & 93 \\ 25 & 7 & 5 & 10 & 14 & 27 & 50 \end{array}$$

Sta.	L	X	-	Elev.
		929.74		
20	+90			23.2
21				23.7
	+13			24.3
	+30			24.9
	+54			25.3
	+74			25.1
22				24.4
	+40			22.5
	+70			20.9
T.P.	5.10	923.79	11.05	918.69
23				19.5
	+50			18.1

L1.

L

R1.

$$L.O. \frac{95}{24} \frac{94}{14} \frac{78}{11} \frac{68}{6} \frac{66}{10} \frac{65}{15} \frac{66}{20} \frac{85}{26} \frac{85}{35} \frac{43}{53} + 4.7 \quad L.O.$$

60

$$L.O. \frac{94}{24} \frac{88}{19} \frac{61}{11} \frac{56}{6} \frac{54}{10} \frac{54}{15} \frac{45}{25} \frac{1.4}{36} + 36 \frac{190}{50}$$

$$\frac{71}{50} \frac{5.9}{36} \frac{40}{22} \frac{2.9}{13} \frac{4.7}{8} \frac{48}{11} \frac{4.9}{19} + 3.0 \frac{1.41}{30} \frac{1.30}{50}$$

$$S.S. for \frac{20}{50} \frac{10.5}{50} \frac{135}{24} \frac{150}{16} \frac{9.8}{10} \frac{34}{5} \frac{45}{7} \frac{44}{11} \frac{45}{19} \frac{138}{20} \frac{136}{38} \frac{1.17}{50} \frac{0.7}{50} \quad S.S.$$

$$\frac{13.7}{50} \frac{152}{30} \frac{15.9}{14} \frac{4.2}{13} \frac{38}{5} \frac{48}{7} \frac{46}{11} \frac{96}{19} \frac{11.7}{27} \frac{118}{37} \frac{10.1}{50} \frac{0.9}{50}$$

$$\frac{41}{50} \frac{115}{24} \frac{116}{12} \frac{45}{5} \frac{56}{4} \frac{53}{10} \frac{53}{16} \frac{55}{21} \frac{10}{27} \frac{0.6}{34} \frac{2.0}{50}$$

$$\frac{51}{50} \frac{22}{25} \frac{65}{17} \frac{71}{15} \frac{71}{7} \frac{75}{7} \frac{72}{9} \frac{70}{18} \frac{74}{25} \frac{4.7}{40} \frac{4.1}{50} \frac{3.1}{50}$$

$$\frac{121}{50} \frac{116}{25} \frac{100}{13} \frac{86}{9} \frac{87}{7} \frac{88}{8} \frac{87}{14} \frac{90}{19} \frac{112}{25} \frac{116}{35} \frac{12.2}{50} \frac{12.9}{50}$$

$$\frac{10}{50} \frac{70}{25} \frac{6.9}{9} \frac{46}{7} \frac{43}{11} \frac{46}{16} \frac{7.3}{26} \frac{8.2}{50} \frac{8.4}{50}$$

$$\frac{86}{50} \frac{84}{21} \frac{8.7}{7} \frac{60}{5} \frac{57}{10} \frac{5.9}{17} \frac{9.5}{28} \frac{9.2}{50} \quad L.O.$$

Sta.	+	π	-	E/cv.
		923.79		
23	+83			18.4
24				18.7
	+25			19.2
	+45			19.4
	+77			18.8
25				18.1
T.P.	6.14	923.80	6.13	917.66
	+50			17.1
26				16.4
	+50			16.2
T.P.	10.49	927.25	7.04	916.76
27				16.8
	+50			18.1

H.

4

Rt.

$$\frac{74}{50} \frac{74}{23} \frac{71}{9} \frac{56}{5} \frac{54}{11} \frac{56}{14} \frac{65}{18} \frac{90}{20} \frac{87}{20} \frac{9.9}{50}$$

$$\frac{55}{50} \frac{59}{33} \frac{65}{22} \frac{63}{8} \frac{59}{5} \frac{51}{9} \frac{53}{13} \frac{58}{18} \frac{80}{27} \frac{84}{27} \frac{90}{50}$$

$$\frac{2.9}{50} \frac{26}{38} \frac{36}{22} \frac{50}{16} \frac{66}{19} \frac{59}{12} \frac{48}{5} \frac{46}{8} \frac{49}{15} \frac{53}{21} \frac{67}{32} \frac{77}{32} \frac{8.3}{50}$$

$$\frac{40}{50} \frac{40}{36} \frac{39}{22} \frac{48}{17} \frac{62}{16} \frac{45}{13} \frac{46}{5} \frac{44}{11} \frac{48}{17} \frac{54}{25} \frac{50}{39} \frac{73}{50} \frac{7.6}{50}$$

$$\frac{86}{50} \frac{8.3}{39} \frac{77}{21} \frac{65}{11} \frac{53}{8} \frac{50}{12} \frac{52}{19} \frac{55}{21} \frac{30}{21} \frac{2.0}{25} \frac{2.6}{50}$$

$$\frac{81}{50} \frac{81}{22} \frac{84}{13} \frac{59}{6} \frac{57}{8} \frac{59}{11} \frac{61}{14} \frac{7.3}{25} \frac{6.5}{25} \text{ L.O.}$$

$$\text{L.O.} \frac{8.0}{20} \frac{93}{19} \frac{94}{13} \frac{74}{10} \frac{67}{7} \frac{70}{11} \frac{74}{15} \frac{86}{24} \frac{7.8}{24} \text{ L.O.}$$

$$\text{L.O.} \frac{84}{28} \frac{86}{21} \frac{92}{19} \frac{90}{12} \frac{81}{10} \frac{74}{7} \frac{76}{11} \frac{80}{13} \frac{90}{20} \frac{88}{20} \frac{80}{20} \frac{80}{25} \frac{9.2}{50}$$

$$\text{L.O.} \frac{84}{26} \frac{85}{21} \frac{96}{19} \frac{91}{12} \frac{86}{11} \frac{79}{7} \frac{76}{9} \frac{79}{11} \frac{82}{13} \frac{90}{20} \frac{9.2}{20} \frac{8.2}{20} \text{ L.O.}$$

$$\frac{118}{50} \frac{117}{26} \frac{117}{27} \frac{126}{19} \frac{129}{15} \frac{119}{10} \frac{107}{7} \frac{105}{8} \frac{108}{11} \frac{115}{12} \frac{124}{20} \frac{124}{20} \frac{116}{21} \text{ L.O.}$$

$$\text{L.O.} \frac{114}{24} \frac{121}{20} \frac{118}{13} \frac{109}{11} \frac{95}{7} \frac{92}{8} \frac{95}{11} \frac{100}{14} \frac{115}{19} \frac{118}{20} \frac{108}{20} \frac{10.8}{2.7} \text{ L.O.}$$

Sta.	+	π	-	Elev.
		927.25		
27	+20			19.6
28				20.9
	+23			22.5
T.P.	10.00	934.58	2.67	929.58
	+23			
	+50			24.5
	+62			25.6
	+69			26.3
29				29.9
				31.0
+11.78 = 4 Bold Eagle Blvd. W.				
B.M.		569		928.89
				(928.89)

Lt.

L

Rt.

$$\frac{113}{50} \quad \frac{111}{33} \quad \frac{107}{21} \quad \frac{101}{13} \quad \frac{88}{9} \quad \frac{80}{6} \quad \frac{77}{10} \quad \frac{77}{15} \quad \frac{87}{21} \quad \frac{92}{25} \quad \frac{92}{48} \quad \frac{104}{50} \quad \frac{154}{50}$$

$$\frac{110}{50} \quad \frac{104}{32} \quad \frac{98}{23} \quad \frac{86}{12} \quad \frac{68}{7} \quad \frac{64}{11} \quad \frac{66}{20} \quad \frac{63}{24} \quad \frac{52}{32} \quad \frac{29}{50} \quad \frac{0.9}{50}$$

$$\frac{100}{50} \quad \frac{87}{38} \quad \frac{76}{25} \quad \frac{59}{14} \quad \frac{45}{6} \quad \frac{53}{5} \quad \frac{48}{5}$$

$$\frac{121}{5} \quad \frac{118}{13} \quad \frac{120}{20} \quad \frac{110}{25} \quad \frac{75}{34} \quad \frac{73}{50} \quad \text{L.O.}$$

$$\frac{91}{50} \quad \frac{81}{40} \quad \frac{83}{27} \quad \frac{96}{18} \quad \frac{80}{6} \quad \frac{105}{4} \quad \frac{101}{8} \quad \frac{95}{20} \quad \frac{94}{25} \quad \frac{78}{29} \quad \frac{74}{32} \quad \frac{66}{50} \quad \frac{66}{50}$$

$$\frac{61}{50} \quad \frac{53}{35} \quad \frac{62}{21} \quad \frac{81}{17} \quad \frac{88}{12} \quad \frac{80}{5} \quad \frac{95}{3} \quad \frac{90}{10} \quad \frac{81}{23} \quad \frac{78}{28} \quad \frac{80}{37} \quad \frac{69}{40} \quad \frac{55}{49} \quad \frac{57}{51} \quad \frac{69}{51}$$

$$\frac{48}{50} \quad \frac{45}{40} \quad \frac{54}{24} \quad \frac{71}{17} \quad \frac{76}{5} \quad \frac{91}{4} \quad \frac{83}{13} \quad \frac{71}{30} \quad \frac{67}{50} \quad \frac{60}{50}$$

$$\frac{28}{50} \quad \frac{32}{34} \quad \frac{47}{30} \quad \frac{53}{22} \quad \frac{54}{12} \quad \frac{47}{5}$$

$$\frac{24}{50} \quad \frac{36}{50} \quad \frac{50}{50}$$

Spk. in 24" Oak S.W. Cor. N. Co. Line & Bold Eagle Blvd. W.

