

OWNERSHIP IN T143W  
BLACK OAK TOWER

DIETZOLD  
MINING

---

MINING  
TRANSIT BOOK  
No. 422F

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ccc 81



T. 143 N. R. 30 W.

Sec.	Lot or Sub	Acres.	Valuation	
	Lot 1	36.85	206.00	Sold for Taxes.
1	" 3	56.00	219.00	
1	" 4	42.00	161.00	
1	S.W. 9W.	40.00	153.00	Sold for taxes.
2	Lot 1	29.80	114.90	S. for T.
2				
3	Lot 2	24.00	92.00	
7	Lot 9	50.00	208.00	
14	NENW 1/2	21.60	83.	Sold for taxes.
14	SE. NW.	40.	153.	
14	Lot 6	46.	203.	S. for T.
20	Lot 1 Goose Isl.	17.	132.	
22	Lot 1	49.75	619.	
23	Lot 1	41.75	197.	Sold for Taxes.
31	E <sup>2</sup> of Lot 14	20.00	44.	S. for T.
31	Lot 9	40.00	86.	S. for T.
31	E. 6 Ac. Est 4			
31	Lot 1	40.	232.	
31	E 1/2 E 1/2 of W 1/2 of Lot 14	5.	11.	<del>Part of</del> Sold for Taxes.
31	Lot 3	21.65	183.	
31	Lot 8	27.25	242.	Sold for Taxes. Pa. full 1934.
31	Part of Lot 2	6.89	26.	Sold for Taxes.
31	SE + SW.	40.	153.	Sold for Taxes.
31	Part of L. 2	6.90	27.	
31	Lot 7	40.00	153.	Sold for Taxes.
32	Lot 1.	9.25	99.	

Ownership.	Address.
A. W. Woodford and Pearl Woodford	
W. L. Kenneth (Dead)	Fidelity & Columbia Trust Co. 5 <sup>th</sup> and Jefferson St. Louisville, Ky.
" "	
Louise F. Broughton	9/10 R. J. Broughton, Walker
Louise F. Broughton	9/10 R. J. Broughton, Walker
B. F. Nelson Mfg. Co.	Minneapolis
B. F. Nelson Mfg. Co.	Mpls.
Mrs. T. H. Harrison	
St. Gerber	2/10 Dr. Gerber, Braimard Walker, Minn.
Leach Lake Land & Inv. Co.	Walker, Minn.
F. R. McQueen.	
W. L. Kenneth (Dead)	
Leach Lake Land & Inv. Co.	Walker Minn.
Webster Bros. Inc.	Webster Lbr. Co. Minneapolis.
" " "	
Minnie M. Simon	Walker, Minn.
S. S. Thorpe	Thorpe Bros Minneapolis Minn.
Webster Bros. Inc.	
Norman J. Theiss	Walker, Minn.
D. D. Brubaker.	
Adolphus D. Trombley	Remer, Minn.
Webster Bros. Inc.	
Earl Brown	Mpls. or Elbow Lake.
Patrick Kennedy	
S. S. Thorpe.	Thorpe Bros. Mpls.



T. 143 N. R. 31

Sec.	Lot or subdiv.	Acres.	Valuation Dollars.
26	Lot 2	29.10	176.
26	Lot 3	28.60	290.

Ownership.

Kathryn Wiehoff	Melrose Minn.
Archie LaVigne	Walker Minn.



T. 144 N. R. 29 W.

Sec.	Lot or Subdiv.	Aeres	Valuation	Total	
2	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40.	0.97 <sup>00</sup>	4.18	Sold for Taxes.
"	NW $\frac{1}{4}$ SE $\frac{1}{4}$	40.	0.97 <sup>00</sup>	" "	" "
"	SW $\frac{1}{4}$ NE $\frac{1}{4}$	40.	.97 <sup>00</sup>	" "	" "
"	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40.	.97 <sup>00</sup>	" "	" "
"	SE $\frac{1}{4}$ NW $\frac{1}{4}$	40.	.97 <sup>00</sup>	" "	" "
"	NE $\frac{1}{4}$ SW $\frac{1}{4}$	40.	.97 <sup>00</sup>	" "	" "
11	NE $\frac{1}{4}$ SW $\frac{1}{4}$	40.	.97 <sup>00</sup>	4.18.	Sold for Taxes.
"	SE. N.W.	40.	.97 <sup>00</sup>	" "	" "
14	NE $\frac{1}{4}$ NW $\frac{1}{4}$	40.	.97 <sup>00</sup>	4.18.	Sold for Taxes
"	NW $\frac{1}{4}$ NW $\frac{1}{4}$	40.	.97 <sup>00</sup>	" "	" "
"	NW $\frac{1}{4}$ SW $\frac{1}{4}$	40.	.97 <sup>00</sup>	4.18	" "
"	SW $\frac{1}{4}$ SW $\frac{1}{4}$	40.	.97 <sup>00</sup>	4.18	" "
15	NE $\frac{1}{4}$ NW $\frac{1}{4}$	40.	.97 <sup>00</sup>	" "	" "
"	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40.	.97 <sup>00</sup>	" "	" "
"	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40.	.97 <sup>00</sup>	" "	" "
19	NE $\frac{1}{4}$ NW $\frac{1}{4}$	40.	.97 <sup>00</sup>	" "	" "
"	SE $\frac{1}{4}$ NW $\frac{1}{4}$	40	.97 <sup>00</sup>	" "	" "
21	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40	.97 <sup>00</sup>	" "	" "
"	NW $\frac{1}{4}$ SE $\frac{1}{4}$	40	.97 <sup>00</sup>	" "	" "
22	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40	.97 <sup>00</sup>	" "	" "
"	SW $\frac{1}{4}$ NE $\frac{1}{4}$	40	.97 <sup>00</sup>	" "	" "
"	NE $\frac{1}{4}$ SW $\frac{1}{4}$	40	.97 <sup>00</sup>	" "	" "
"	NW $\frac{1}{4}$ SW $\frac{1}{4}$	40	.97 <sup>00</sup>	" "	" "
"	SW $\frac{1}{4}$ SW $\frac{1}{4}$	40	.97 <sup>00</sup>	" "	" "
"	SE $\frac{1}{4}$ SW $\frac{1}{4}$	40	.97 <sup>00</sup>	" "	" "

Ownership.

S. H. Gerber	1/2 Dr. Gerber
" " "	Brainard, Minn.
Pee-Ce-gueen-Zaince et al.	
" " " " "	
S. H. Gerber	1/2 Dr. Gerber
" " "	Brainard Minn.
Mary Ozhi-be-guinee	
" " "	
A. S. Hoiland (Dead)	Minneapolis Minn.
" " "	
Ke-che-no-din	
" " "	
Ah-nawah-guah-ung	
Carrie Falsfeather	Bena, Minn
" " "	
S. H. Gerber	1/2 Dr. Gerber
" " "	Brainard, Minn.
" " "	
" " "	
Webster Bros Inc.	Webster Lbr. Co.
" " " "	Minneapolis.
Ernest Flemming	Bena Minn.
" " "	
Paul Bonga	
" " "	



T. 144 N. R. 29 W. Continued

Sec	Lot or Subdiv.	Acres	Valuation Dollars.	Total Taxes	Remarks
22	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40.	47. <sup>00</sup>	4.18	Sold for Taxes
"	NW $\frac{1}{4}$ SE $\frac{1}{4}$	40.	47. <sup>00</sup>	"	" " "
"	SW $\frac{1}{4}$ SE $\frac{1}{4}$	40.	47. <sup>00</sup>	"	" " "
24	Lot 1	78.98	79. <sup>00</sup>		Taxes paid
27	Lot 4	43.25	56. <sup>00</sup>		" "
"	NW $\frac{1}{4}$ NW $\frac{1}{4}$	40.	62. <sup>00</sup>	5.52	Sold for taxes.
"	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40.	62. <sup>00</sup>	5.52	" " "
28	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40.	47. <sup>00</sup>	4.18	" " "
"	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40.	47. <sup>00</sup>	4.18	" " "
"	Lot 1	27.	59. <sup>00</sup>	5.25	Paid in full
"	NW $\frac{1}{4}$ SW $\frac{1}{4}$	40.	62. <sup>00</sup>	5.52	Sold for taxes
"	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40.	62. <sup>00</sup>	5.52	" " "
"	SW $\frac{1}{4}$ SE $\frac{1}{4}$	40.	62. <sup>00</sup>	5.52	Taxes paid.
30	Lot 2	22.50	117. <sup>00</sup>	10.92	" "
"	" 1	39.40	156. <sup>00</sup>	13.89	" "
31	Lot 2	39.75	235. <sup>00</sup>	20.92	Taxes pd
33	NE $\frac{1}{4}$ NW $\frac{1}{4}$	40.	62. <sup>00</sup>	5.52	" "
"	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40.	62. <sup>00</sup>	5.52	" "
"	Lot 2	33.25	242. <sup>00</sup>	21.55	" "
"	" 3	42.	396. <sup>00</sup>	35.26	" "

Ownership.  
or Name Assessed to

Hay-zhe-bah	
Webster Bros. Inc.	Webster Lbr. Co. Minneapolis Minn.
" " "	" " "
W.S. Moscrip	Lake Elmo, Minn.
" "	" "
Gust Kulander S.H. Gerber and A.S. Hoiland	C/o Dr. Gerber Brainard
" " " "	" " " "
" " " "	" " " "
" " " "	" " " "
W.S. Moscrip	Lake Elmo, Minn.
Gust Kulander S.H. Gerber and A.S. Hoiland	
Gustave Kulander	Dubuque Ia.
W.S. Moscrip.	Lake Elmo Minn.
Wm. Musser (Dead)	Est. Iowa City Ia.
C.R. Erickson	C/o State Capital, St. Paul.
Wm. Musser (Dead)	
Wm. S. Moscrip.	Lake Elmo, Minn.
" " "	
" " "	
" " "	



T. 144 N. R. 30 W.

Sec.	Lot or Subd. v.	Aeres	Valuation	Taxes for 1933	Remarks.
1	Lot 4	28.85	100.	8.90	
"	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40.	62.	5.52	
"	NE $\frac{1}{4}$ SW $\frac{1}{4}$	40.	62.	5.52	Sold for Taxes.
"	NW $\frac{1}{4}$ SW $\frac{1}{4}$	40.	62.	5.52	" "
11	NW $\frac{1}{4}$ SW $\frac{1}{4}$	40.	62.	5.52	" "
"	SW $\frac{1}{4}$ SW $\frac{1}{4}$	40.	62.	5.52	" "
"	SE $\frac{1}{4}$ SE $\frac{1}{4}$	40.	62.	5.52	" "
14	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40.	62.	5.52	" "
23	(SE $\frac{1}{4}$ SE $\frac{1}{4}$ ) Lot 4	(28.75) 19.50	117.	10.42	" "
24	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Lot 5	23.60	117.	10.42	" "
"	Lot 4	32.35	156.	13.89	" "
"	Lot 7, less part sold (1.90)	3.76	39.	3.47	Paid Taxes.
25	Lot 1	6.75	41.	3.65	
26	Lot 1	17.65	79.	7.03	
"	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40.	62.	5.52	Sold for taxes
"	NW $\frac{1}{4}$ SW $\frac{1}{4}$	40.	62.	5.52	" " "
27	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40.	62.	5.52	" " "
"	NW $\frac{1}{4}$ SE $\frac{1}{4}$	40.	62.	5.52	" " "
24	part of Lot 7	1.90	20.	1.78	Paid Taxes.
22	SW $\frac{1}{4}$ SW $\frac{1}{4}$	40.	62.	5.52	Sold for Taxes.
"	SE $\frac{1}{4}$ SW $\frac{1}{4}$	40.	62.	5.52	" " "
31	SW $\frac{1}{4}$ NE $\frac{1}{4}$	40.	79.	7.03	" " "
"	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40.	79.	7.03	" " "
"	Lot 7	40.	79.	7.03	Taxes Paid
"	" 8	40.	79.	7.03	" " "
"	" 11	40.	79.	7.03	Sold for Taxes
"	" 12	40.	79.	7.03	" " "
"	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40.	79.	7.03	" " "
"	NW $\frac{1}{4}$ SE $\frac{1}{4}$	40.	79.	7.03	" " "

in whose name  
Assessed

Ernest Flemming	Bena, Minn.
" "	" "
Annie Smith	
Mrs. T.W. Harrison	
Nah-Koonce-egway	
" " "	
Mah-Koonce	
J.M. Goss	Cass Lake
A.S. Hoiland (dead)	Minneapolis.
Gus Kulander, S.H. Gerber and A.S. Hoiland.	Dubuque Ia.
Martha E. Goss	Cass Lake
F.W. Christenson	Cass Lake
Gus Kulander, S.H. Gerber & A.S. Hoiland	
S.H. Gerber	Brainard, Minn.
J.M. Goss	Cass Lake
" "	" "
Mah-Cud-eywe-gah-bow-egway	
" " " " "	" " " " "
M.J. Cummings, H.H. Richmond et al	Cass Lake
Jennie King	
" "	" "
A.W. Morriss	
" "	" "
S.H. Gerber	Brainard
" "	" "
Gus Kulander, S.H. Gerber & A.S. Hoiland	" " " "
" "	" " " "
A.W. Morriss	" "
" "	" "



Sec.	T. 144 N. Lot or subdiv.	R. 31 Aeres	W. Valuation 1933	W. Taxes 1933	Remarks
24	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40.	53.	4.65	Sold for taxes
"	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40.	53.	4.65	" " "
25	Lot 2	29.55	40.	3.51	" " "
"	SE $\frac{1}{4}$ NW $\frac{1}{4}$	40.	53.	4.65	" " "
"	NE $\frac{1}{4}$ SW $\frac{1}{4}$	40.	53.	4.65	" " "
"	Lot 3	26.50	45.	3.95	" " "
36	(SW $\frac{1}{4}$ NW $\frac{1}{4}$ ) Lot 2	27.50	66.	5.79	Taxes Paid
"	SE $\frac{1}{4}$ NW $\frac{1}{4}$	40.	53	4.65	" "

In whose name  
Assessed

John D. Steiner

Crosby Minn.

" "

Geo. I. Lee & Clarence L. Wood, Heyworth Ill.

" " " "

" " " "

" " " "

Thomas L. McDonald

" "



Sec.	Lot or Subdiv.	T. 145 N. Acres	R. 29 W. Valuation Dollars	Taxes 1933	Remarks
5	NE $\frac{1}{4}$ SW $\frac{1}{4}$	40.	79.	7.03	Sold for Taxes
"	NW $\frac{1}{4}$ SW $\frac{1}{4}$	40.	79.	7.03	" " "
14	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40.	79.	7.03	" " "
15	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40.	79.	7.03	" " "
"	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40.	79.	7.03	" " "
"	NW $\frac{1}{4}$ SE $\frac{1}{4}$	40.	79.	7.03	" " "
17	NW $\frac{1}{4}$ NW $\frac{1}{4}$	40	79.	7.03	" " "
"	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40.	79.	7.03	" " "
"	SW $\frac{1}{4}$ SW $\frac{1}{4}$	38 <sup>Less P.Ry. Row.</sup>	79.	7.03	Taxes Paid
18	Lot 6 Part	15.75 AC.	258	22.97	Sold for Taxes
"	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40.	79.	7.03	" " "
"	Lot 6 Part	22.11	86.	7.66	" " "
"	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40.	79.	7.03	" " "
20	N $\frac{1}{2}$ SE $\frac{1}{4}$	<sup>Less P.Ry. Row.</sup> 68.69	137.	12.20	" " "
21	NW $\frac{1}{4}$ NW $\frac{1}{4}$	40.	79.	7.03	" " "
"	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40.	79.	7.03	" " "
24	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40.	79.	7.03	" " "
25	Lot 1	<sup>Less 13.608. of plotted Portage Lake</sup> 12.40	21.	1.87	Taxes Paid
"	S $\frac{1}{2}$ of NE $\frac{1}{4}$ NE $\frac{1}{4}$	20.	79.	7.03	" " "
24	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40.	79.	7.03	Sold for Taxes
36	Lot 2 NW $\frac{1}{4}$ SE $\frac{1}{4}$	31.75	117.	10.42	Taxes Paid
"	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40.	117.	10.42	" "
"	SW $\frac{1}{4}$ SE $\frac{1}{4}$	<sup>Less P.Ry. Row.</sup> 36.78	79.	7.03	" "

In whose Name Assessed

N.C. Hanson	Cass Lake, Minn.
" "	" "
Ernest Flemming	Bena, Minn.
" "	" "
" "	" "
A.L. Alger	" "
" "	" "
Wm. Seed	" "
Victor E. Peterson	Schley Minn.
" " "	" " "
Adeline Rogan Ryan	" "
Anson A. VanTassel	" "
S.H. Gerber	90 DT. Gerber Brainard Minn.
Frank Taylor	" "
" "	" "
Naytu-me-we-mind	" "
Flemming $\frac{3}{4}$ Lind $\frac{1}{4}$	Bena, Minn.
" "	" "
Naytu-me-we-mind	" "
Carl W. Brehl	" "
Ernest Flemming	Bena, Minn.
Carl W. Brehl	" "



T. 145 N. R. 30 W.					
Sec.	Lot or Subdiv.	Acres	Valuation	Taxes 1933	Remarks.
13	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40	79.	7.03	Sold for Tax
14	NE $\frac{1}{4}$ NW $\frac{1}{4}$	40	79	7.03	" " "
23	NW $\frac{1}{4}$ NW $\frac{1}{4}$	40.	79	7.03	" " "
25	NW $\frac{1}{4}$ NW $\frac{1}{4}$	40.	79.	7.03	" " "
"	Lot 2	20.25	39.	3.97	" " "
"	$\frac{3}{2}$ of NW $\frac{1}{4}$ Lot 3	53.10	103.	9.17	" " "
"	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Lot 4	36.65	70.	6.23	" " "
26	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40.	79.	7.03	" " "

In whose name  
Assessed

J. B. Spencer (Dead)	Pine River Minn.
Victor E Peterson	Sehley Minn.
Ernest L. Behnke	
Paul Gort	
" "	Sehley Minn.
" "	
" "	
" "	



T. 145 N. R. 31 W.

Sec.	Lot or Subdiv.	Acres	Valuation	Taxes 1933	Remarks
2	Lot 4	25.25	1077.	96.23	Taxes Pd.
14	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40.	175.	15.69	Bld. dist. 939
"	SE $\frac{1}{4}$ NW Lot 4	36.75	59.	9.82	Taxes Pd.
					Less R.R. Rom
27	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40.	85	10.98	Sold for Tax
27	Lot 2	45.50	332.	40.92	" " "
"	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Lot 3	22.85	202.	24.89	" " "
"	NW $\frac{1}{4}$ SW $\frac{1}{4}$	40.	85.	10.98	" " "
"	Lot 4	56.25	141.	17.38	" " "
34	NW $\frac{1}{4}$ SW $\frac{1}{4}$	40.	128	15.77	Taxes Pd.
"	SW $\frac{1}{4}$ SW $\frac{1}{4}$	40.	175	21.57	" "
"	SE $\frac{1}{4}$ SW $\frac{1}{4}$	40	128	15.77	" "
"	SW $\frac{1}{4}$ SE $\frac{1}{4}$	40	128	15.77	" "

In whose name  
Assessed

Star Island Co. Cass Lake Minn.

Jas. Becker

John Lindme & Gust. Westlund

~~C.M. Taylor~~ State. Cass Lake

~~Oscar C. Sotts~~ State

~~Chris Burns~~ (Dead) State

~~C.M. Taylor~~ State Cass Lake

~~M.C. Gattis~~ (State?)

J.E. Lundrigan Cass Lake

" "

" "

" "



T. 146 N. R. 29 W.

Sec.	Lot or Subdiv.	Acres	Valuation	Taxes 1933	Remarks.
34	W 1/2 of Lot 9	19.50	51	4.54	Sold for Tax
"	E 1/2 of Lot 9 less 1 1/2 A.	18.	448.	39.89	13 1/2 1933 Ad 15:49 due.
"	1/2 Ac. of above	1.50	219.	19.50	Sold for Tax.
"	less 1.3 Ac. Lot B	24.45	332.	29.56	Sold for Tax
"	1.3 ac. of Lot B	1.30	58.	4.72	Taxes Pd.

T. 146 N R. 30 W in Beltrami Co

In whose name Assessed

John McClimek

Ernest Flemming Bena, Minn.

John McClimek

Dora Morris McClimek Bena, Minn

Jake Spraw & Co above.



10-21-'35

## LEVELS FOR TOWER LOCATION - BLACKDUCK

- Along Blackduck Road

Sta.	+	H.I.	-	T.P.	Elev.
B.M.	0.41	1372.85			1372.44
	4.78	1375.74		1.89	1370.96
	8.59	1380.15		4.18	1371.56
	6.15	1382.99		3.31	1376.84
	5.60	1385.91		2.68	1380.31
	5.25	1387.90		3.26	1382.65
	8.85	1395.19		1.56	1386.34
B.M.			4.54		1390.65
	4.74	1396.95		2.98	1392.21
	6.93	1401.38		7.50	1394.45
	0.18	1390.36		11.20	1390.18
	0.97	1380.12		11.21	1379.15
	3.54	1372.17		11.49	1368.63
	2.83	1373.54		1.46	1370.71
	2.94	1371.27		5.21	1362.33
	7.35	1378.42		0.20	1371.07
	5.66	1382.19		1.89	1376.53
	11.87	1394.05		0.11	1382.18
	10.80	1404.72		0.13	1393.92
	4.86	1409.06		0.52	1404.20
	4.86	1410.87		3.05	1406.01
B.M.			5.12		1405.75
	4.67	1414.15		1.39	1409.48

Steadland - T  
Malone, Iral  
McIntosh - LutherNail in tel. pole -  
Inter. Blackduck Road + Road to Gilstead Lake.B.M. #1  
Nail in 16" Elm - on E. side R.D. Road - 700' N. of  
SE cor. 36-149-31  
West along trail -

1360.0 Lake

Nail in 8" Elm - N. side of trail



10-21-35

	+	HI	-	T.P	Elev.
	2.21	1405.07		11.29	1402.86
	2.67	1396.05		11.69	1393.38
	10.10	1399.98		4.17	1389.88
	11.76	1410.69		1.05	1398.93
B.M.			3.52		1407.17
	10.57	1417.39		3.87	1406.82
			3.09		1414.30

Nail in 4" Bass - (Ground level)

Set stake - Mkd. elev. 1414.3 - Ground



Levels from B.M. #1 - Page #1 - North along Blackduck Road

Sta	+ H.I.	-	T.P.	Elev.
B.M.	1.49	1392.14		1390.65
	6.14	1392.09	6.19	1385.95
	11.72	1403.72	0.09	1392.00
	5.13	1408.75	0.10	1403.62
	8.55	1413.04	4.26	1404.49
	7.53	1419.84	0.72	1412.31
B.M.		1.88		1417.96
	1.22	1417.82	3.24	1416.60
	9.43	1420.93	6.32	1411.50
	9.46	1429.42	0.97	1419.96
	3.69	1431.29	1.82	1427.60
	10.82	1441.18	0.93	1430.36
	4.71	1437.76	8.13	1433.03
	1.71	1428.33	11.14	1426.62
B.M.	11.60	1429.08	10.85	1417.48
10/2/35	11.34	1440.32	0.10	1428.98
West along N. line Sec. 36.	5.03	1441.59	3.76	1436.56
	6.25	1447.59	0.25	1441.34
		1.60		1445.99
	2.21	1442.31	7.49	1440.10
	10.43	1452.47	0.27	1442.04
	6.36	1452.86	5.77	1446.50
		4.79		1448.07

6.31

1046.50

6.36

1452.80

5

Steadland T  
Malone  
McIntosh

Nail in 16' Elm - 700' N of SE corner  
Sec. 36 - 149-31

- High spot 800' West - blw. app. 1425 - hoghouse  
on west side road

Nail in tel. pole - 150' N. of E+V E S. 36

Blackduck Rd

B.M. Nail in telephone pole - NW of  
intersection of roads

Tower

Sec. 36

State

99' from Ground  
Ground Elev. - Blackduck State Tower - to floor of cab

Tower SITE No. 1 - GROUND ELEV.



10/22/35

LEVELS TO TOWER SITE No. 2

r	H.I.	-	T.P.	Elev
6.61	1453.11			1446.50
7.46	1454.46		6.11	1447.00
11.95	1458.52		7.89	1446.57
	5.68			1452.84

661

T.P.

TOWER SITE No. 2



89°35'

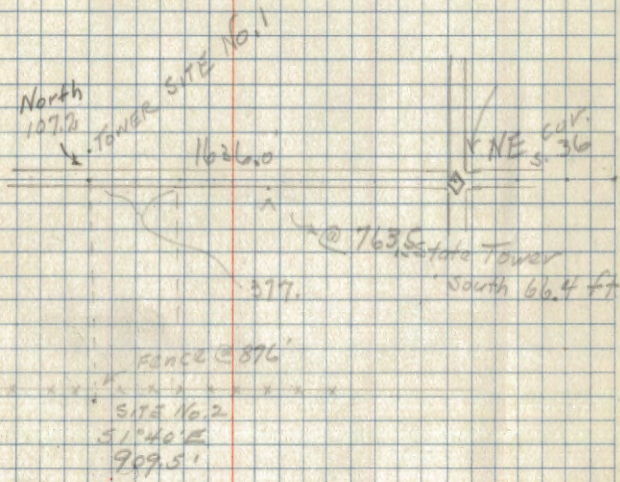
88°20'  
1.5

6.4 fence E & W  
909.5 Site No 2

10/22/1935

# Blackduck Tower Survey

N 89°45' E









STATION	BEARING	DIST	REMARKS
186+20	S 1° E	800'	
194+20	due South	1300'	
207+20	"	5.72'	
212+92	"	800'	S.COR. 16-17-20-21
220+92	"	1000'	
230+92	"	1300'	
243+92	S 3° E	4.91'	
248+93	S 6° W	2.59'	
251+42	due South	3.76'	
255+18	S 6° E	2.00'	
257+18	S 20° E	1.78'	
258+96	S 11° W	1.00'	(Culvert = 18" X 26")
259+96	"	3.13'	13th N. of S.COR. 20-21-22-29
263+09	S 2° W	2.14'	
265+23	S 79° W	300'	TRUCK TRAIL?
268+23	S 85° W	1100'	Fire-way no 1
279+54	S 87° W	14.31'	NORTH.
293+54	S 13° E	5.22'	(3 1/2 ch W, 1 1/2 ch S to)
298+76	S 3° W	1.1'	(1/4 COR. 20-29)
299+76	S 7° E	3.26'	
30302	S 24° E	2.90'	
305-92	S 4° W	303'	
308+95	S 25° W	488'	
310+69	S 20° W	3.14'	
313+83	S 36° W	303'	
1402+13			

268	94	207
74	13	
79	107	
	746	
	146	
	14	
	760	
79	257+18	
74	1.78	
74	3.76	
76	26	79
42	78	79
8	94	1107
79	12	
96	8	
169.53	20	279+23
.86	12	14.31
79	102	293.54
		302+169
		5.22
		72



STATION BEARING DIST

316+86 S44W 4.19'

321+05 S56W 3.27

324+32 S71W 3.92

3+92

328+24

Densler



TT TRAVERSE TT 4614

10-29-39

STATION BEARING DIST. REMARK

0+00 intersection with BL ACKDUBROU

1/4 Cor - 21-22

6.35 Ch. S to 1/4 cor

~~143 ft to Inter Sec~~

0+00	N70-W	162	
1+62	N-63-W	240	
4+02	N-74-W	161	
5+63	N-6-W	374	Inter. Spring to KNOTSON DAM
9+37	N-38-W	366	
13+03	N-7-W	246	
15+49	N-35 W	89	
16+38	N-75 W	70	
5+63	S-57 W	132	(START-WHERE EFF OF F)
6+95	S-82 W	317	on stub
10+12	N-84 W	632	
16+47	N-81 W	286	
19+33	S-76 W	288	
22+21	S-49 W	322	
25+43	S-24 W	227	
27+80	S-40 W	722	
35+02	S-44 W	418	
39+20	S-53 W	508	
44+26	S-53 W	467	
48+95	S-72 W	388	

635

66

3870

3810

419.1

70

490



146-30

TRAVERSE TT 4611 10-28-39

STATION BEARING DISTO REMARKS

0+00 ( 9.82 ch N. OF CUR 12, 13, 7=18)

DUE N 2088.24  
31.64 (TERMINUS AT TT 469)20+88 N61W 232.82  
3.5023+20 N80W 361.30  
12.00 culvert  $\frac{12}{16}$  at 6.30 416'31+81 N62W 1195.26  
18.11 "  $\frac{2}{16}$  at 7.25 47843+76 N41W 326.70  
4.95 "  $\frac{12}{16}$  at 1.5 5947+03 DUE W 566.28  
8.55 Culvert  $\frac{12}{16}$  at 1.5 9952+69 N60W 120.12  
1.8253+89 N58W 1248 Culvert  $\frac{12}{16}$  at 248  
37565+11 710 "  $\frac{12}{16}$  at 710  
10.751013.76 "  $\frac{12}{16}$  at 1014  
15.16

15.36 (15.36 ch to C. ...)

64+03 N76W 170.28  
2.5865+73 S83W 326.20  
2.7069+47 N80W 277 Culv.  $\frac{12}{16}$  at 7.5 277  
436.9273+86 S73W 139.26  
2.11 culv.  $\frac{12}{16}$  at 10.1 66  
6.6275+25 S54W 257.40  
2.9077+82 S88W H. SLOR.  $\frac{21}{112}$  at 109  
16580+63 N80W 281.16  
4.24 culv.  $\frac{12}{16}$  at R.D. 132  
11682+24 N79W 185.1  
2.30 Bridge 12x12 (FURTHER  
DOWN RIVER?)  
223.7

87+9 279 2.42

94+50 S79W 273.25  
1.15

3.7

7.65

culvert  $\frac{12}{16}$  at 4.20 ch - 277  
18.48

K/cur at 35.75 - 18.48

culvert  $\frac{12}{16}$  at 29.64 - 19.56



STATION	BEARING	DIST	REMARKS
		787	
97+23	N89W	<del>11.94</del>	
		1.04	
105+10	DUE W.	2.5	CULVERT $\frac{12}{18}$
		<del>3.58</del>	
		13.0	" "
		1237.5	
		14.75	" "
		21.01	
		<del>31.64</del>	
126+11	N46W	115.5	" "
		<del>12.22</del>	
		5.65	322.9 "
129+84	N80W	1.07	110.22 "
		315.5	(465' OF 2/2)
		<del>4.76</del>	(SEC COR 10/11)
		366	
133+00	N85W	4.03	
		74.6	
135+66	S65W	7.73	CULVERT $\frac{12}{16}$
		152.5	
		<del>2.31</del>	
		374.6	
137+19	S39W	4.16	
		126	
139+94	S69W	1.91	
		4.05	
	DUE W.	7.5	" "
		986.70	
		14.95	BRIDGE 12x14
		1535.8	
		<del>23.27</del>	
156+56	S89W	110.9	CULVERT $\frac{12}{18}$
		<del>1.58</del>	
		1030.26	
		75.61	" "
		1567	
		23.59	" "
		2250.6	
		<del>37.10</del>	
		3059	
179+09	<del>S89W</del>	46.35	
		3174	(TERMINUS 4611 + 4613)
		46.09	
			SCORE $\frac{413}{910}$



TT

truck <sup>TT</sup> TRAIL TRAVERSE

Station	BEARING	Dist.	Remarks
51+83	S-11-W	730	(on Black Duck Road)
59+13	S-21-E	278	213 ft to post from last station " " " "
			2459 Ch. E to 4 cor. on Sec 21-28

61+91	S-54 E	3860	
<sup>50 60</sup> 100+51	S-25-E	448	
105+39	S-60 E	232	
107+71	S-85 E	525	Inter. BLK Duck road
<sup>5 22</sup> 113 96	S-44-E	421	To Post

9.10 Ch. N to 4 cor  
on Sec 28-27

213

59+13

2713

61+26

24.59

66

147.54

147.54

1623.94



544  $\frac{1}{4}$

2.5

544

9ch

660

S-SAE

2.5  
(165)

11.34d

66

6804

6804

748.94

N71E

DUEW

6.34d

2.15



To be surveyed or checked:

12-26-34

T143 R31

Run line from #7 to #14 S.13 14

Set  $\frac{1}{4}$  stake at #6 S.14

T144 30

Sec. 26

Lots 3 + 4

Run lines: #6 to #11

Check: E to i; #11 to #2; #8 to #9; #13 to #14

1 Check I.A.s in S11  $\frac{1}{2}$  NW  $\frac{1}{2}$  of SW  $\frac{1}{4}$  {Map O.K. 10/24/34 9/13}

2. Correct line #11 to #12 S.E.

Reset #11  $\frac{1}{16}$  22 1/2 k West. Trædist 1989.

Correct #2 to #9 #14 to #13

Set #13 in true position. Set #6

3. Complete notes Sec. 14

Check lines #3 to #4 (1972 G.L.O.) S.14

Check Variation #4 to #2 S.14

Chain line 9 to e

Re set #9  $\frac{1}{16}$

4. Sec. 9

Check chaining: f to i H006 + 4017

h to g

Sec 28 Run Line #16 to #11 set  $\frac{1}{16}$  stake

Check Va. E to #16

\* Dist. Check Cor #13



Sec 32

T144N R30

Reset #4-1/6 stake  
Correct lines #3 to #4

Sec 29 #4 to #2

Correct line 9 to h.

Sec 15

Correct North line

Correct lines #8 to #13

#13 to 14 (1979)

Reset #13 to #6

Sec. 4

Finish line 12# to #10

T143N R30W

Sec. 6

Run line #4 to #6

Correct 9 to #9b

Run line: ~~C to i~~ #4-3-35

~~Complete line #15 to i~~ #1-3-35

Set #11b #6 cor. stake.

Sec. 5.

Poster at #16, c, 15, #9.  
lines:

Run #10 - #11

" 11 - 16

check variation  
of South line.

Sec. 8.

Lines from #1 south to Lake

#1 " To Lake