

T143 N R30W
T143 N R31W
T144 N R30W

Linear Survey
Field Book

ccc

12

TABLES FOR EXCAVATIONS AND EMBANKMENTS.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING-
ROADWAY 18 FEET WIDE. SIDE SLOPES 1 TO 1.
FOR SINGLE TRACK EXCAVATION.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	0
1	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	1
2	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	2
3	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	3
4	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	4
5	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	5
6	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	6
7	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	7
8	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	8
9	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	9
10	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	10
11	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	11
12	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	12
13	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	13
14	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	14
15	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	15
16	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	16
17	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	17
18	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	18
19	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	19
20	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	20
21	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	21
22	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	22
23	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	23
24	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	24
25	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	25
26	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	26
27	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	27
28	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	28
29	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	29
30	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	30
31	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	31
32	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	32
33	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	33
34	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	34
35	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	35
36	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	36

Lineal Survey
Field Book

Chippewa National Forest
Sept 14, 1934

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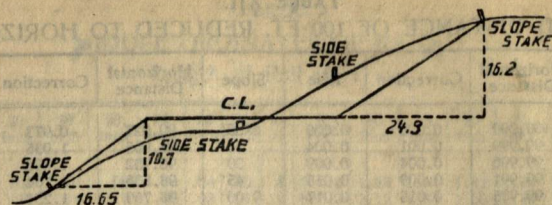
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Vol. 70B

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.
ROADWAY 14 FEET WIDE. SIDE SLOPES $\frac{1}{2}$ TO 1.
FOR SINGLE TRACK EMBANKMENT.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	0
1	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.9	1
2	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2	11.4	2
3	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.9	3
4	13.0	13.2	13.3	13.5	13.6	13.8	13.9	14.1	14.2	14.4	4
5	14.5	14.7	14.8	15.0	15.1	15.3	15.4	15.6	15.7	15.9	5
6	16.0	16.2	16.3	16.5	16.6	16.8	16.9	17.1	17.2	17.4	6
7	17.5	17.7	17.8	18.0	18.1	18.3	18.4	18.6	18.7	18.9	7
8	19.0	19.2	19.3	19.5	19.6	19.8	19.9	20.1	20.2	20.4	8
9	20.5	20.7	20.8	21.0	21.1	21.3	21.4	21.6	21.7	21.9	9
10	22.0	22.2	22.3	22.5	22.6	22.8	22.9	23.1	23.2	23.4	10
11	23.5	23.7	23.8	24.0	24.1	24.3	24.4	24.6	24.7	24.9	11
12	25.0	25.2	25.3	25.5	25.6	25.8	25.9	26.1	26.2	26.4	12
13	26.5	26.7	26.8	27.0	27.1	27.3	27.4	27.6	27.7	27.9	13
14	28.0	28.2	28.3	28.5	28.6	28.8	28.9	29.1	29.2	29.4	14
15	29.5	29.7	29.8	30.0	30.1	30.3	30.4	30.6	30.7	30.9	15
16	31.0	31.2	31.3	31.5	31.6	31.8	31.9	32.1	32.2	32.4	16
17	32.5	32.7	32.8	33.0	33.1	33.3	33.4	33.6	33.7	33.9	17
18	34.0	34.2	34.3	34.5	34.6	34.8	34.9	35.1	35.2	35.4	18
19	35.5	35.7	35.8	36.0	36.1	36.3	36.4	36.6	36.7	36.9	19
20	37.0	37.2	37.3	37.5	37.6	37.8	37.9	38.1	38.2	38.4	20
21	38.5	38.7	38.8	39.0	39.1	39.3	39.4	39.6	39.7	39.9	21
22	40.0	40.2	40.3	40.5	40.6	40.8	40.9	41.1	41.2	41.4	22
23	41.5	41.7	41.8	42.0	42.1	42.3	42.4	42.6	42.7	42.9	23
24	43.0	43.2	43.3	43.5	43.6	43.8	43.9	44.1	44.2	44.4	24
25	44.5	44.7	44.8	45.0	45.1	45.3	45.4	45.6	45.7	45.9	25
26	46.0	46.2	46.3	46.5	46.6	46.8	46.9	47.1	47.2	47.4	26
27	47.5	47.7	47.8	48.0	48.1	48.3	48.4	48.6	48.7	48.9	27
28	49.0	49.2	49.3	49.5	49.6	49.8	49.9	50.1	50.2	50.4	28
29	50.5	50.7	50.8	51.0	51.1	51.3	51.4	51.6	51.7	51.9	29
30	52.0	52.2	52.3	52.5	52.6	52.8	52.9	53.1	53.2	53.4	30
31	53.5	53.7	53.8	54.0	54.1	54.3	54.4	54.6	54.7	54.9	31
32	55.0	55.2	55.3	55.5	55.6	55.8	55.9	56.1	56.2	56.4	32
33	56.5	56.7	56.8	57.0	57.1	57.3	57.4	57.6	57.7	57.9	33
34	58.0	58.2	58.3	58.5	58.6	58.8	58.9	59.1	59.2	59.4	34
35	59.5	59.7	59.8	60.0	60.1	60.3	60.4	60.6	60.7	60.9	35
36	61.0	61.2	61.3	61.5	61.6	61.8	61.9	62.1	62.2	62.4	36



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.
SLOPE $1\frac{1}{2}$ TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35	2
3	4.50	4.65	4.80	4.95	5.10	5.25	5.40	5.55	5.70	5.85	3
4	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9.00	9.15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10.65	10.80	10.95	11.10	11.25	11.40	11.55	11.70	11.85	7
8	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85	9
10	15.00	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	10
11	16.50	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	11
12	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	12
13	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85	13
14	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	14
15	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	16
17	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85	17
18	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	18
19	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85	21
22	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	22
23	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85	23
24	36.00	36.15	36.30	36.45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37.80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85	27
28	42.00	42.15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43.50	43.65	43.80	43.95	44.10	44.25	44.40	44.55	44.70	44.85	29
30	45.00	45.15	45.30	45.45	45.60	45.75	45.90	46.05	46.20	46.35	30
31	46.50	46.65	46.80	46.95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48.00	48.15	48.30	48.45	48.60	48.75	48.90	49.05	49.20	49.35	32
33	49.50	49.65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51.00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52.50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54.00	54.15	54.30	54.45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55.65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58.35	38
39	58.50	58.65	58.80	58.95	59.10	59.25	59.40	59.55	59.70	59.85	39
40	60.00	60.15	60.30	60.45	60.60	60.75	60.90	61.05	61.20	61.35	40
41	61.50	61.65	61.80	61.95	62.10	62.25	62.40	62.55	62.70	62.85	41
42	63.00	63.15	63.30	63.45	63.60	63.75	63.90	64.05	64.20	64.35	42
43	64.50	64.65	64.80	64.95	65.10	65.25	65.40	65.55	65.70	65.85	43
44	66.00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67.50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69.00	69.15	69.30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70.65	70.80	70.95	71.10	71.25	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73.05	73.20	73.35	48
49	73.50	73.65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

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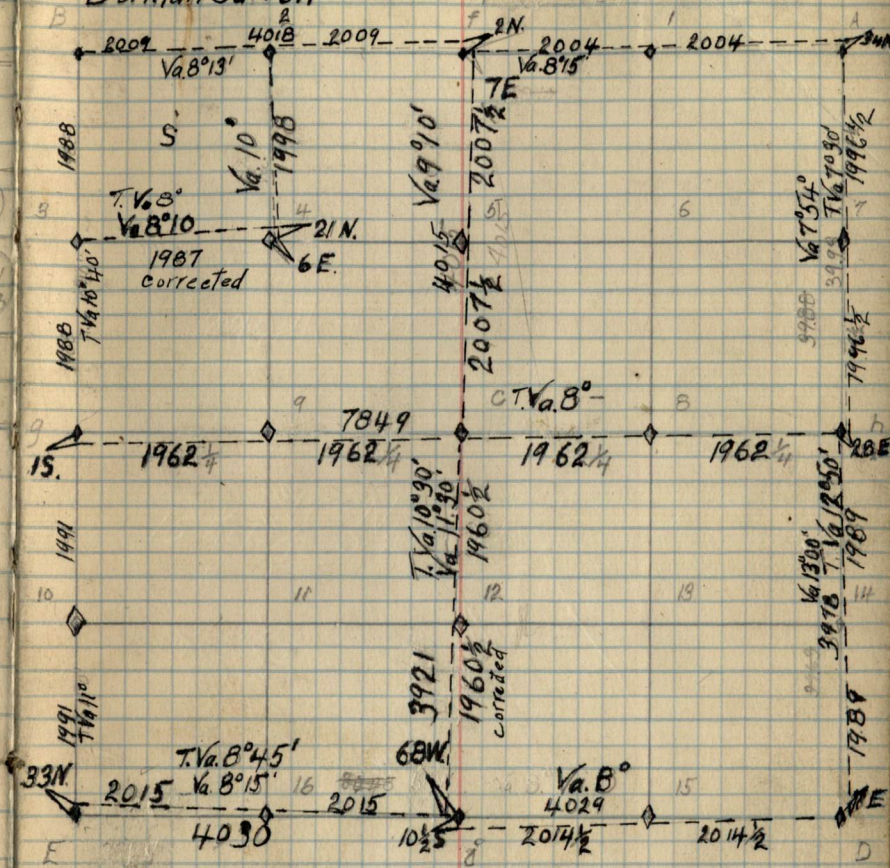
Corner Notes

Sec. 20 T.144N. R.30W.

Cor.	Specie	D.	Dist.	Bear.	Remarks	Discrip.
F.	Elm	7"	30 1/4	S3°W.	G.L.O. Br. iron.	(S17 / 4320)
	H. Maple	7"	34 1/4	N61°W. → Poster	1" x 5" 9-14-34	
A.	H. Maple	7"	42 3/4	S67 1/2°W	G.L.O. Br. - concrete	(T.144N R.30W S17S16 S20S21)
	Basswood	7"	33	N44 1/2°W	6" x 3" 9-17-34	
	H. Maple	13"	76 3/4	N22 1/2°E	→ Poster	
h.	H. Maple	7"	27 1/2	S17°W	→ Poster. G.L.O. Br. iron	(S20S21)
	H. Maple	12"	33	S61 1/2°E	1" x 5" 9-18-34	
D.	W. Spruce	15"	70	N8 1/2°E	G.L.O. Br. iron	(S20S21)
	W. Pine	20"	102	N55 3/4°W.	2" x 5" 9-18-34	
	W. Birch	4"	27 3/4	S16 1/2°W.		(S21S22)
i.	W. Pine	30"	28	S82 1/4°E.	→ Poster	
	W. Birch	6"	107	N7 1/4°W.	G.L.O. Br. iron	(S20)
	Aspen Poster Tree	4"	16 1/4	S49°W.	1" x 12" 9-19-34 → Poster Only one bear. tree	(4324)

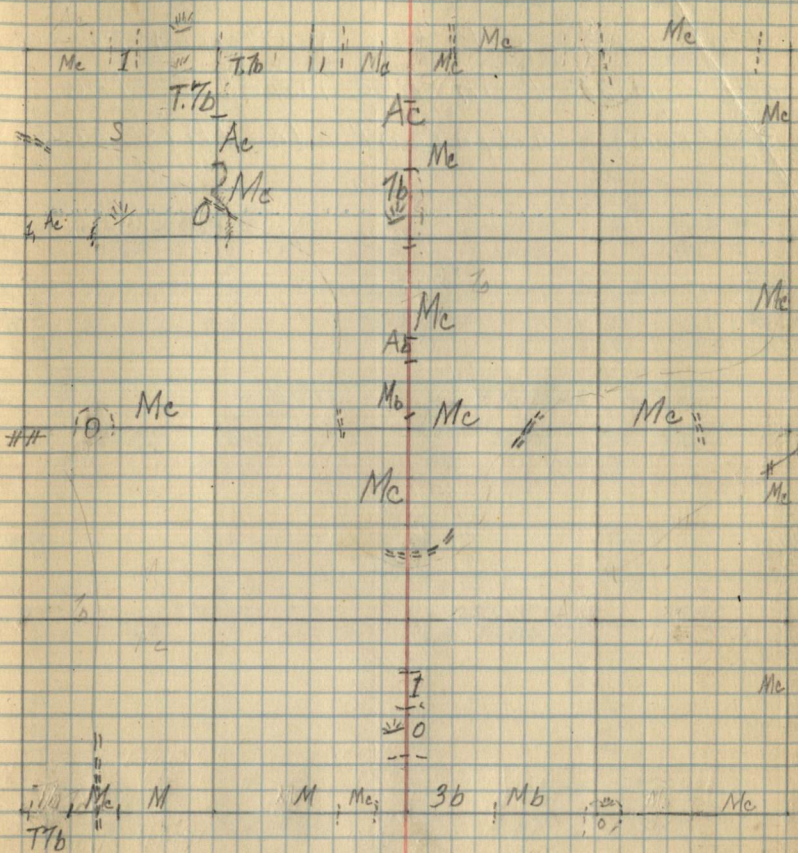
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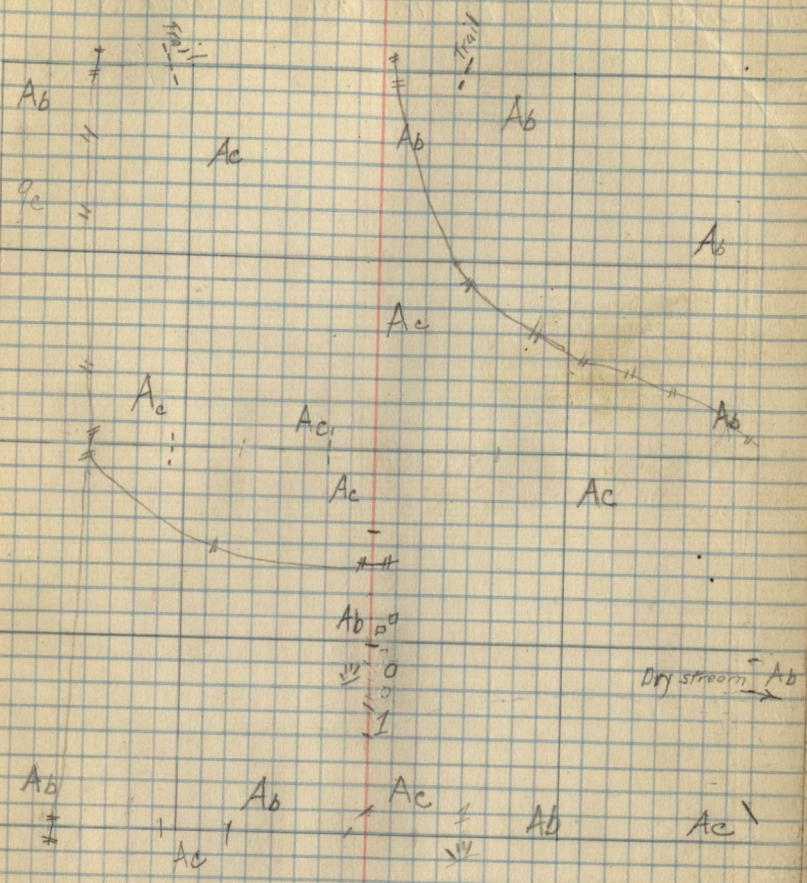


Type Map

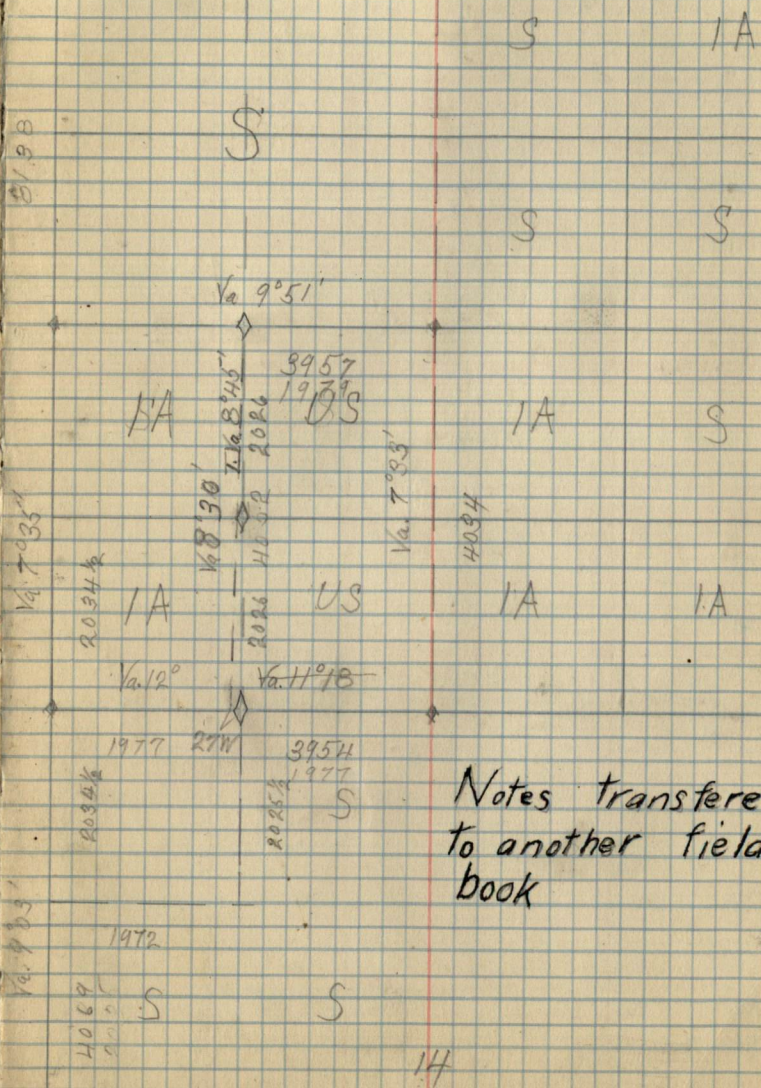
Sec. 20 T144N R30W



Type Map Sec. 15



Cor.	Specie	D.	Bear.	Dist.	Remarks
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Notes transfered to another field book

Type Map. S. 11.

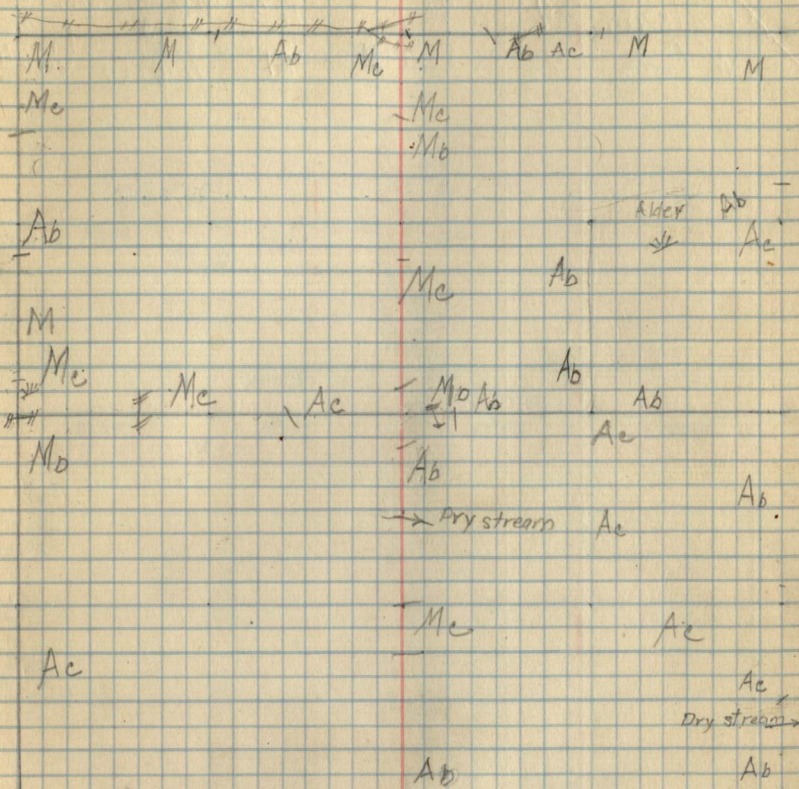
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Ab

Ab

HC
Dry Steam

50



Corner Notes

Va. T¹⁵

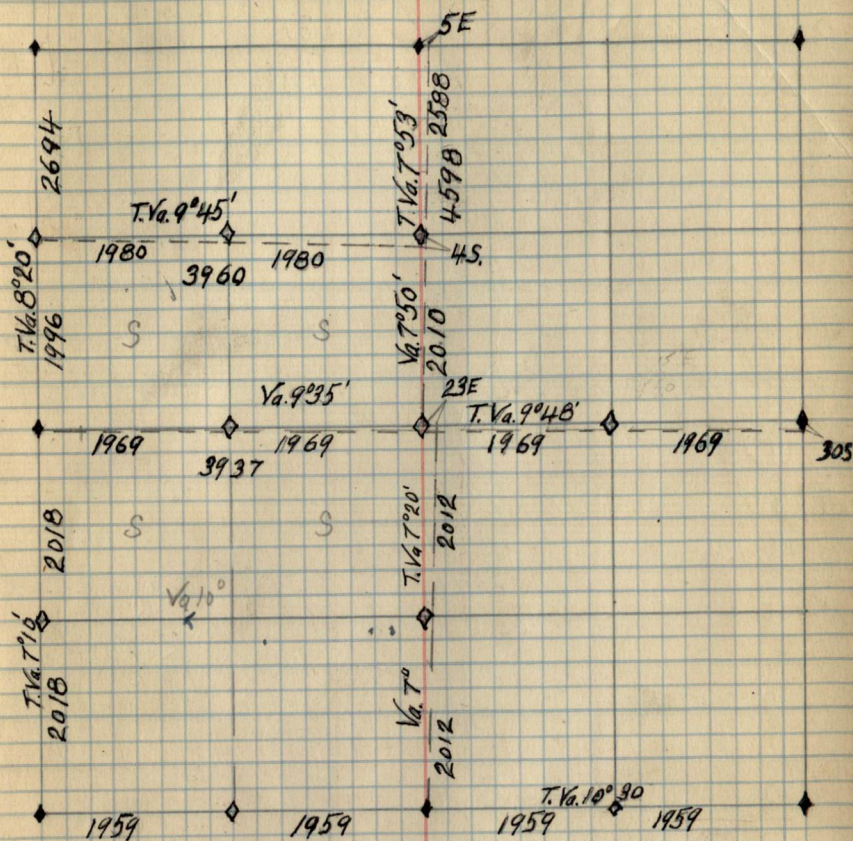
Cor.	Specie	D.	Bearing	Dist.	Remarks
f	Balsam	9"	S 35° E	43	G.L.G. Br. iron 10" x 5"
	W. Pine	7 1/2"	S 53° 30' W	21	← Foster 11-6-34

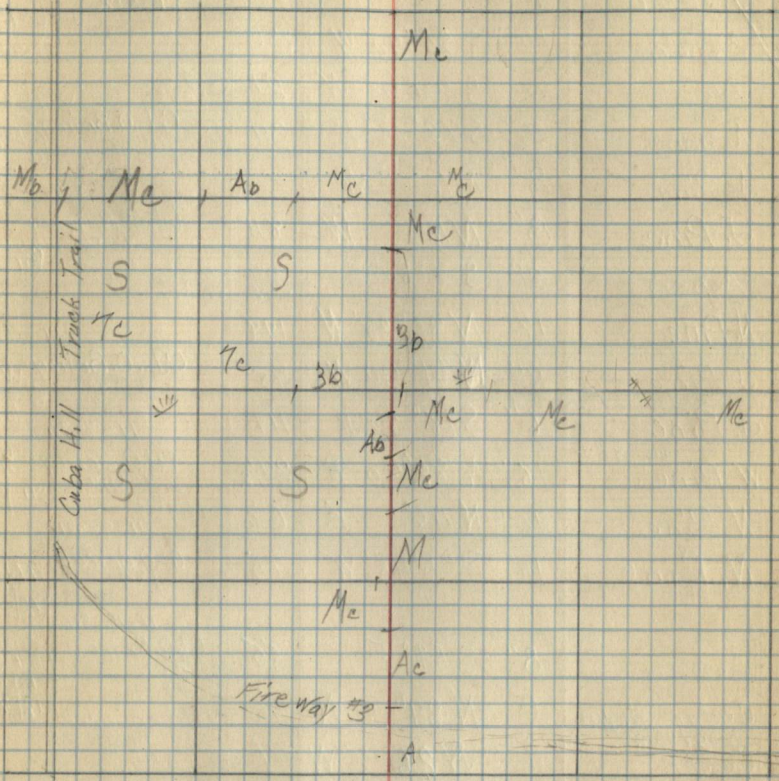
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Compass man
D.J. Sutton

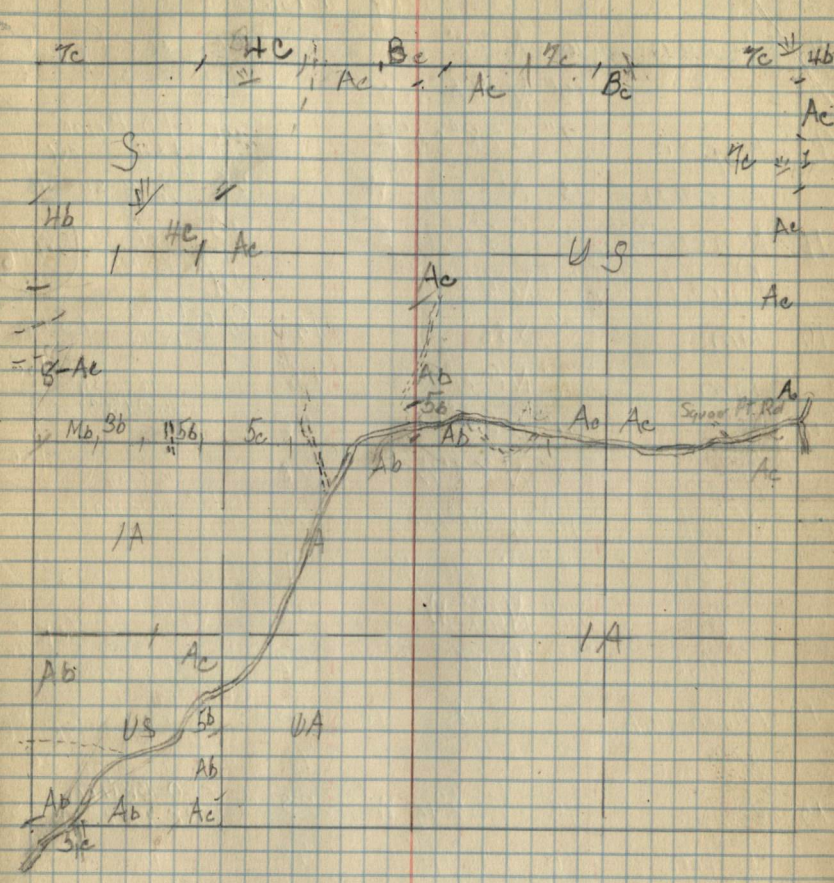
Sec. 4 T. 144 N. R. 30 W.

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Cor	Specie	D	Bearing	Dist.	Remark
E	J. Pine	15"	N 35° W	30	G.L.O. Br. iron 2" x 5"
	J. Pine	18"	N 42° E	66	
	J. Pine	9"	S 33° 30' E	27 1/2	← Poster
	J. Pine	15"	S 64° 15' W	28	11-28-34
10					G.L.O. Br. iron 1 x 7
					11-28-34
11	R. Oak	3"	S 52° E	21	G.L.O. Br. iron 1 x 7
	R. Oak	6"	S 79° W	38	Poster
					11-28-34
16	Aspen	10"	S 71° W	37	G.L.O. Br. iron 1 x 7
	Aspen only	4"	S 2° 30' E	10	← Poster 11-28-34



Corner Notes

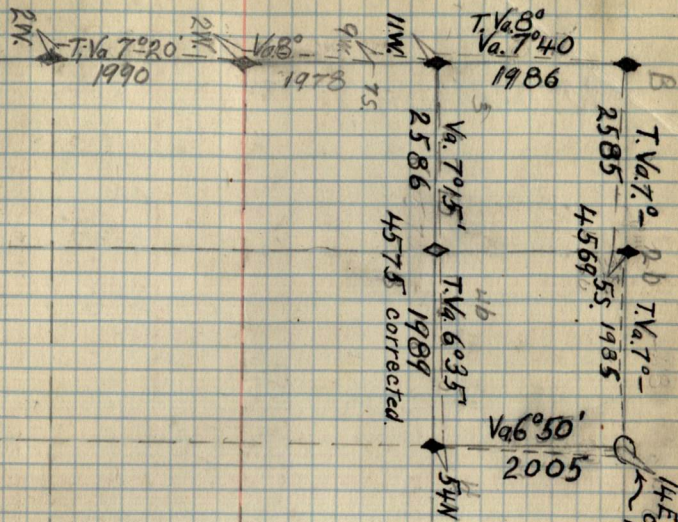
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Cor	Species	D.	Bearing	Dist.	Remarks
B	R. Oak	5"	S 47° E	26	G.L.O. Br iron Poster 2x5 1143N R91 R30W 1217 1318
	Aspen	12"	S 29° 45' W	53	
B	N. Pine	14"	S 67° 15' E	40	G.L.O. Br iron Poster 1x7 NK6
	W. Oak	14"	N 86° W	100	12-6-34 1217 1318
4	W. Oak	12"	N 10° 15' W	23	G.L.O. Br iron Poster MK6
	"	19"	N 63° 15' E	42	12-6-34 S18
2b	N. Pine stamp	22"	N 12° E	74	G.L.O. Br iron 1x8 Poster S7
	Aspen	4"	S 62° E	78	12-10-34 S18
2	Aspen	12"	S 63° W	39	G.L.O. Not located Poster Set oak stake
9	J. Pine	18"	S 30° 15' E	20	G.L.O. Br iron 1x8 K4
	R. Oak	7"	N 22° 45' W	34	Poster 1-7-34 S18 S18
10	W. Oak	10"	N 27° 45' W	38	G.L.O. Br iron 1x6 SK6
	W. Oak	4"	N 76° E	26	Poster 1-7-34 S18 S18

Sutton

T. 143N. R. 30W. S 18

39



14E corner not located.

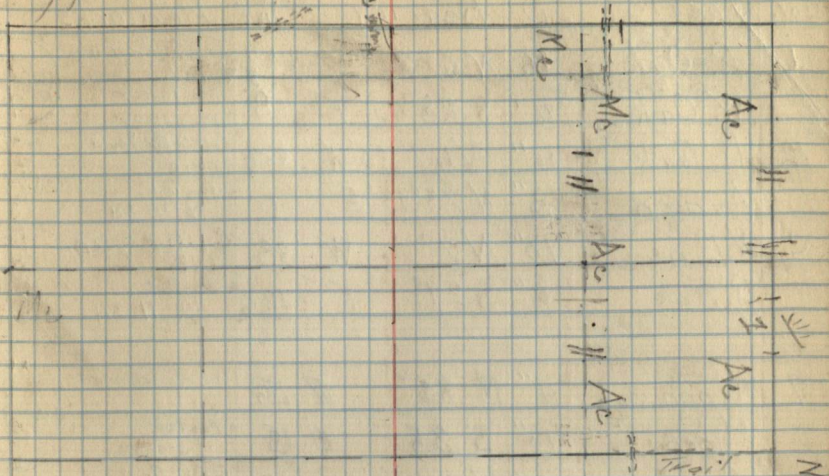
70 N 5 8 10 3
40 3 4 4

Sutton

Sec 18
T. 143N.
R. 30W.

Type Map,

T143N R30W S18



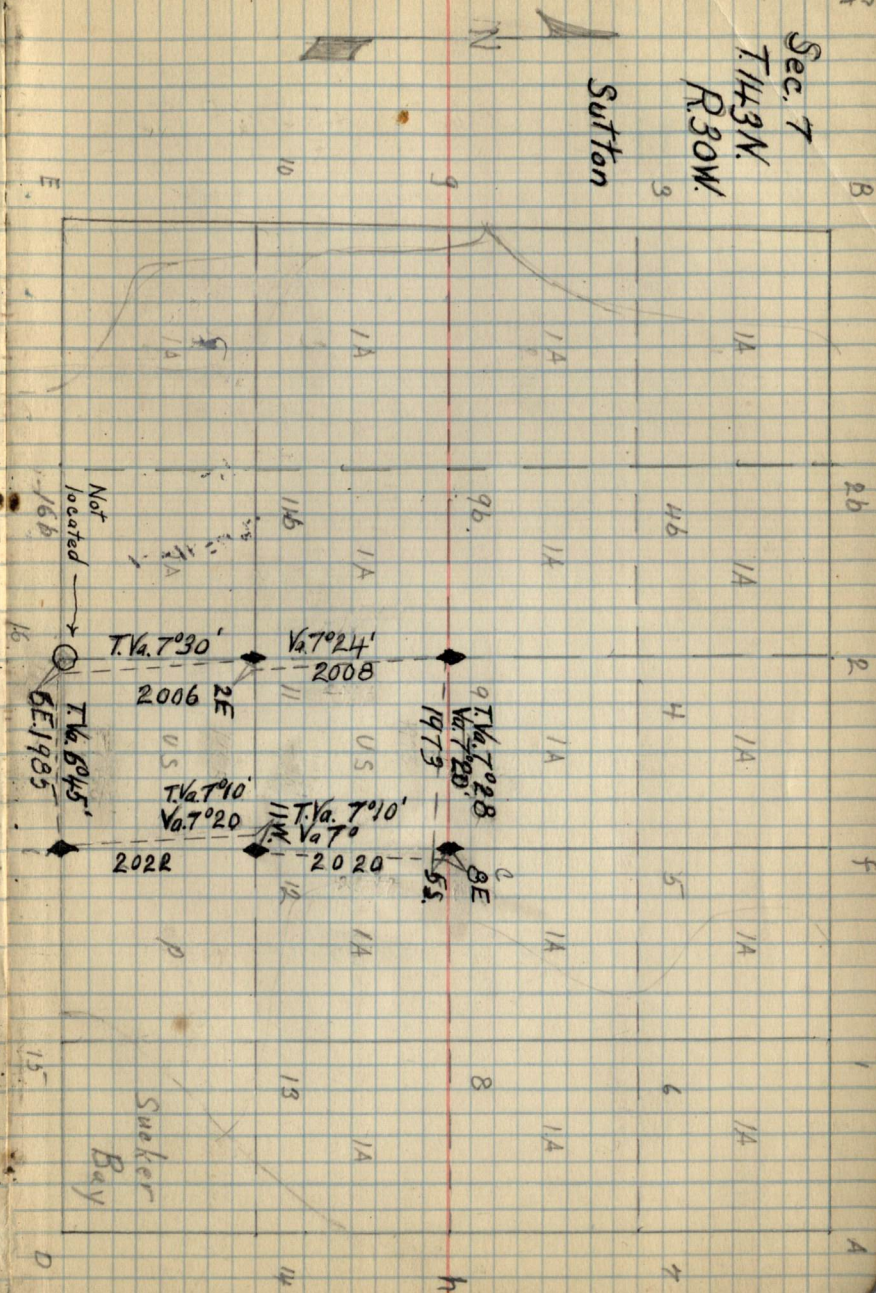
Type Map
Sec 18

N

Corner Notes

Cor.	Species	D.	Bearing	Dist.	Remarks
j	R. Oak ^{1/2 S 7 BT}	18	N 67° 45' W	42 1/2	GLD. Br iron 1 x 6 Poster 12-11-34 ST 4 98
	W. Oak ^{1/2 S 7 BT}	11"	S 28° 45' E	68	GLD. Br iron 1 x 6 Poster 12-11-34 ST 16
12	R. Oak	16"	N 47° 30' W	35 1/2	GLD. Br iron 1 x 6 Poster 12-11-34 ST 16
	Aspen	8"	N 73° 15' E	6	GLD. Br iron 1 x 6 Poster 12-11-34 ST 16
C	N. Pine ^{1/2 S 7 BT}	10"	N 7° W	38	GLD. Br iron 1 x 6 Poster 12-11-34 ST 16
	R. Oak	6"	S 29° E	12 1/2	GLD. Br iron 1 x 6 Poster 12-11-34 ST 16
9	Aspen stub ^{1/2 S 7 BT}	9"	N 75° W	15	GLD. Br iron 1 x 7 Poster 12-12-34 SW 1/4 57
	Aspen ^{1/2 S 7 BT}	10"	S 35 E	13	GLD. Br iron 1 x 6 Poster 12-12-34 SW 1/4 57
11	Birch ^{1/2 S 7 BT}	8"	N 67° 45' E	38 1/2	GLD. Br iron 1 x 6 Poster 12-12-34 SW 1/4 57
	Birch stub ^{1/2 S 7 BT}	4"	S 64° W	41	GLD. Br iron 1 x 6 Poster 12-12-34 SW 1/4 57

Note: Pronounced local attraction on all lines run. Especially from C 1/4 to C 1/4

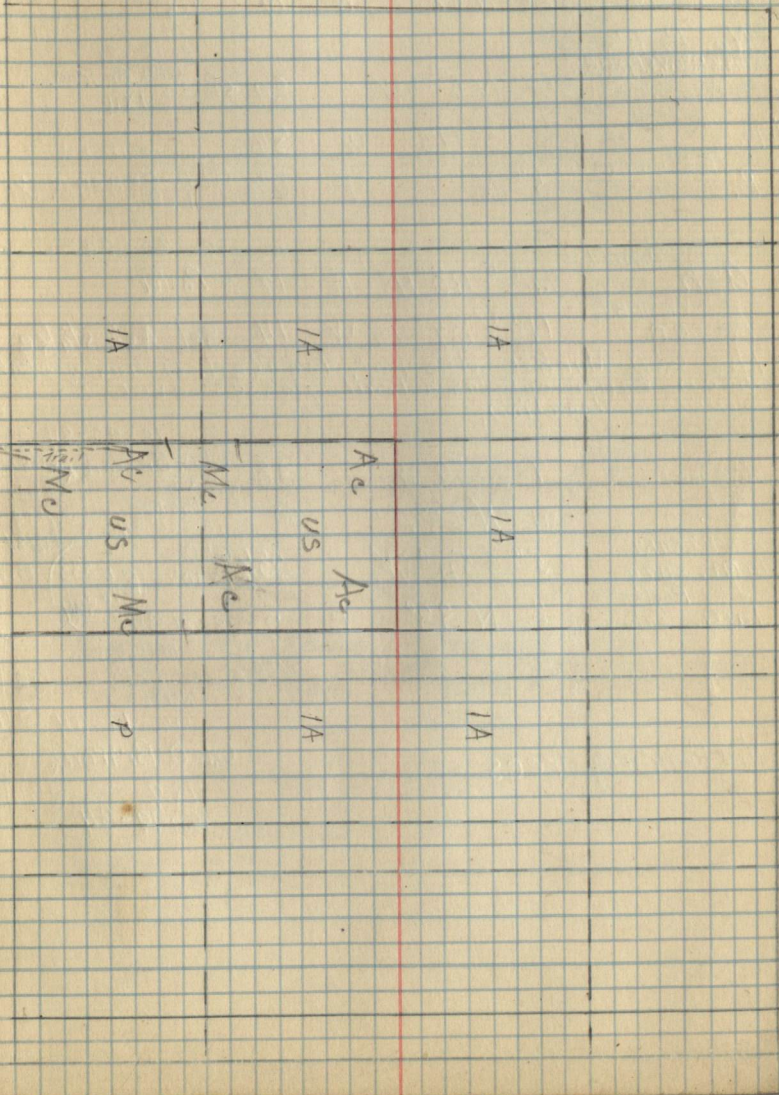
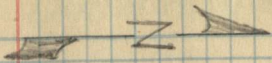


Type Map

Sec. 7

T143N

R50W.

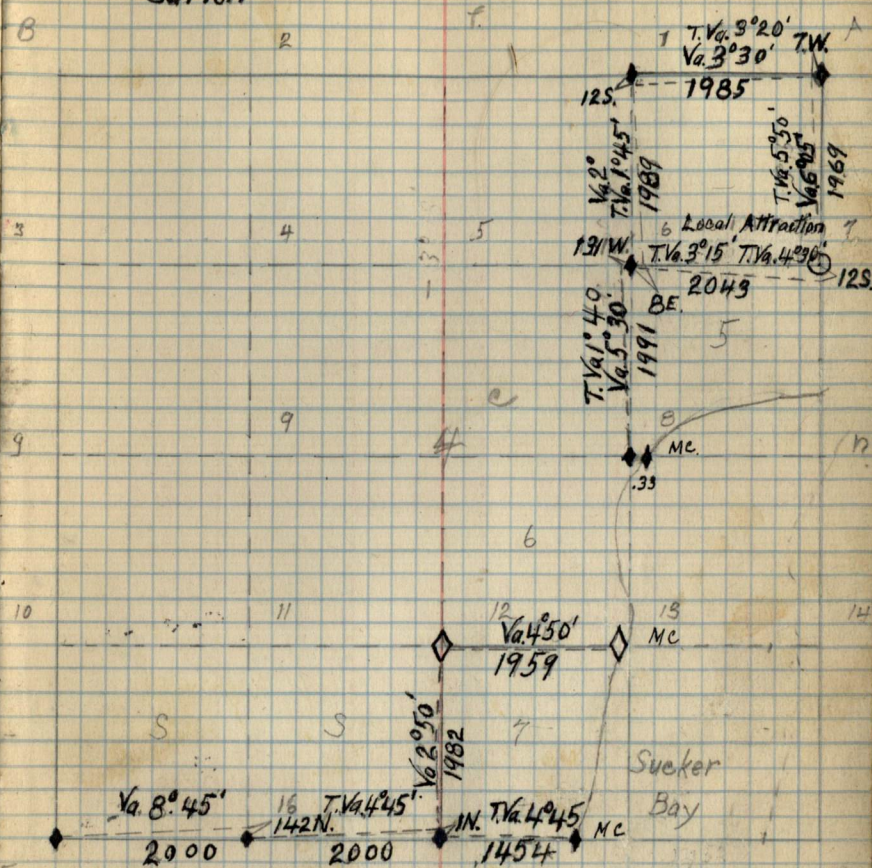


Corner Notes

Cor	Specie	D. Bearing	Dist	Remarks
16	Tam. Poster only No. B.T.'s	9" S48°45'E	39	G.L.O. Br. iron 1x12 12-19-34 W/V 16 39 S4
6	H. Maple Poster only No. B.T.'s T. 143 N. R. 30 W. S. 1/4 Mc 29.	26 N61°15' W	14	G.L.O. Br. iron 1x8 12-19-34 W/V 16 39 S4
Mc 1454 Est	H. Maple	14" N67° W	24	G.L.O. Br. iron 1x4 12-19-34 W/V 16 39 S4
	H. Maple	12" S45° W	34	12-15-34 W/V 16 39 S4
6	B. Spruce	5" N E	6 1/2	G.L.O. Br. iron 1x8 12-20-34 W/V 16 39 S4
7	Ash Covered Aspen The G.L.O. Marker was not located. It has probably been torn out as a trail passes over its supposed location.	14" S48°45' E 11" N87°45' W	17 14	Poster Set Ash stake 12-20-34
A	Aspen covered Birch	7 S50° W 4 N63° E	38 50	G.L.O. Br. iron 2x5 Poster 12-21-34 W/V 16 39 S4
1	Tam. snag Poster only	5" S54° W 2. N33° E	33 1/2 6	G.L.O. Br. iron 1x10 12-21-34 W/V 16 39 S4
8	Tam-dead	8" S W	35	G.L.O. Br. iron 1x8 Poster 12-19-34 W/V 16 39 S4
Mc 33 Est	No Bearing trees			G.L.O. Br. iron 1x9 12-19-34 W/V 16 39 S4

Compassman Sutton

T. 143 N. R. 30 W. S. 4 47



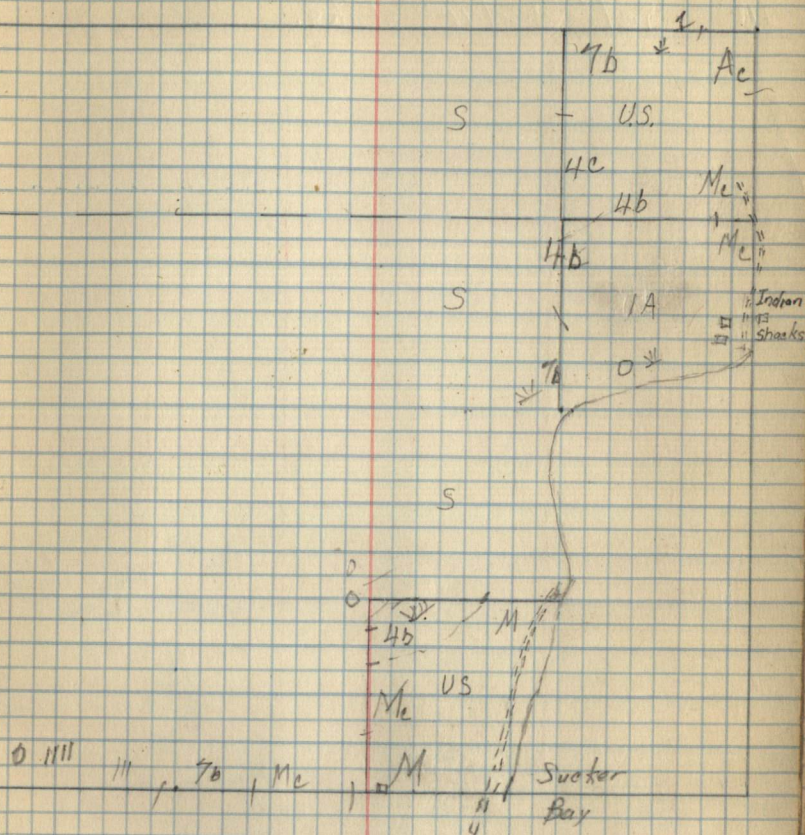
Pronounced local attraction was noted on the lines: #16 east to 7, #8 north to #6

Lines not corrected:
#8 east to #16
#8 north to #6

Type Map

T.143N. R.30W. S.4

49



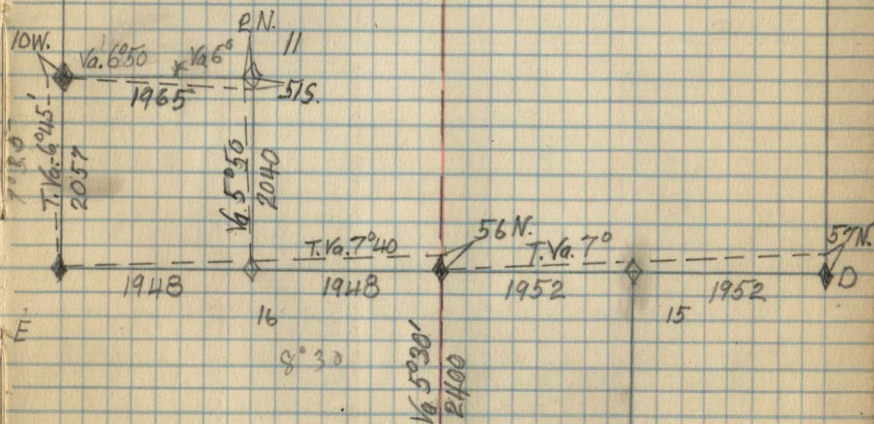
Cor. Specie D. Bearing Dist. Remarks
 11 Set cedar stake

Sutton

T. 143 N. R. 30 W. S. 5 51
 S. 8

B

A



Leech
 Lake

Type Map

S5
S8

53

S

4c 4b
us

4c 4b / 2

S

S

2
us

1
s

Lake

S8

54

1-14-35

Traverse of Squaw Pt. Rd

Sutton

Course Distance

bears

55

Traverse of Squaw Point Road Jan. 15 1935

Made by D. Sutton Va. 7°30

Bear: Dist.

Starting on road on line between #26 $\frac{1}{16}$

& #46 $\frac{1}{16}$ S 31 T 144 N R. 30 W

#46 $\frac{1}{16}$ bears N 4 $\frac{3}{4}$ W - 800 chains

N 79 E 7.30

N 88 $\frac{1}{4}$ E 9.25 Fireway No 3 joins at 7.54

S 67 $\frac{1}{2}$ E 5.61 $\frac{1}{2}$

S 47 $\frac{1}{4}$ E 8.63

S 19 E 3.21

S 5 W 4.43

S 13 $\frac{1}{2}$ W 6.56 $\frac{1}{2}$

S 12 $\frac{1}{4}$ W 7.68

S 23 W 5.00 {Cross line between C $\frac{1}{2}$ & #9 $\frac{1}{16}$ at

S 16 $\frac{1}{2}$ E 6.21 $\frac{1}{2}$ station 1730 W - 2.77

S 1 $\frac{1}{2}$ E 6.56 $\frac{1}{2}$

S 12 E 8.64

S 29 $\frac{1}{2}$ W 10.25 $\frac{1}{2}$

S 16 $\frac{3}{4}$ E 7.60 T.T. joins from S at 6.25

S 43 $\frac{1}{4}$ E 6.19 $\frac{1}{2}$

S 8° W 4.57

S 19 W 10.07

S 18 $\frac{1}{2}$ W 5.31 $\frac{1}{2}$ #4 $\frac{1}{16}$ S. 6 T 143 R 30 bears N 13 $\frac{1}{2}$ W. 5310

S 20 W 7.90

S 41 W 4.20

58

Bear D

S57W 7.54

S26W 4.52 Crosses line #9 - #96 at 13 1/2 W. - .75 1/2

S10W 6.05

S11 1/4 W 9.28 1/2

S20W 1.98 1/2 #1156 bears E. - 18.00

S22 3/4 W 7.99

174

S38 1/2 W 4.36

S65 3/4 W 5.66 1/2

S33 1/2 W 6.21

S21W 6.05 1/2

S1W 15.23

S15 3/4 W 5.66 1/2

S30 3/4 W 8.83

S25 1/2 W 5.05

S58 1/4 W 1.40 1/2 Road joins from S. at .70 1/2
h 1/4 S12 T143 R31 bears S 1/2 W - 2.60

S61W 3.96

S85 1/4 W 8.42 h 1/4 bears S89 1/4 E - 17.85

S85W 3.75

N77 1/2 W 10.26 at 1.01 cross 1/4 line h 1/8 station 17.57

N84 1/4 W 13.38 crosses

S75W 6.83 at 4.6 1/2 crosses 1/2 line to a 2.50 W

S53 1/4 W 2.70 1/2 at 1.21 " 1/4 line c-g sta. 7.00

S16W 7.79

S20 1/4 W 14.97 1/2

S51 1/2 W 4.93

59

Bear Dist
 S64W 8.94 at 0.81 crosses $\frac{1}{16}$ Line #16-10 sta. 13.10
 S44W 11.15 at 2:00 X sec. Line E- $\frac{1}{16}$ sta. 3.67 E
 S46W 7.12 t. trail from E.
 S45W 8.50 In S. 14
 S58W 5.50
 S62 $\frac{1}{4}$ W 6.71 House E. of road
 S40 $\frac{3}{4}$ W 4.34 Fence along east side of road
 S49 $\frac{3}{4}$ W 7.23 at .21 $\left(\begin{array}{c} \text{NE } \frac{1}{16} \\ \text{S } \frac{1}{4} \end{array} \right)$ #6 bear S - 0.71 $\frac{1}{2}$
 S45 $\frac{3}{4}$ W 8.38
 S67W 5.45 $\frac{1}{2}$ Road joins from s. at 1.59
 S83 $\frac{1}{2}$ W 4.14
 S64 $\frac{1}{2}$ W 4.11
 S33W 5.77

Jan 16, 1935

S26W 2.57 $\frac{1}{2}$
 S3 $\frac{1}{2}$ W 13.56 $\frac{1}{2}$
 S9 $\frac{1}{4}$ W Road joins from W. at 6.66
 25.79 T.T. crosses at 14.75
 S29 $\frac{1}{4}$ W 5.09 $\frac{1}{2}$
 S1E 4.00
 S8 $\frac{1}{2}$ W 2.94 Trail from SW
 6.18 $\frac{1}{2}$
 S2 $\frac{1}{4}$ W 4.85 cross Line #3-#5 sta. 20.37 E
 6.97 $\frac{1}{2}$
 S17 $\frac{3}{4}$ E 4.02
 S10 $\frac{1}{4}$ E 10.60

S23

$$\begin{array}{r} 55.45 \\ 20.37 \\ \hline 1.64 \end{array}$$

S17 $\frac{1}{4}$ W 2.50 $\frac{1}{2}$
 S. 27 $\frac{3}{4}$ W 1.52 $\frac{1}{2}$ c $\frac{1}{4}$ S23 bears 689 $\frac{1}{2}$ E - 19.73
 S27 W 17.65
 S 1 $\frac{1}{2}$ E 4.94
 S5 $\frac{1}{2}$ E 2.47 Trail from W
 S7 $\frac{1}{4}$ W 4.59 $\frac{1}{2}$
 S6 $\frac{1}{4}$ W 6.25
 S62W 4.36 Trail from W
 S31W 3.46 $\frac{1}{2}$
 S 1 $\frac{1}{4}$ W 2.26
 S16 $\frac{1}{4}$ E 5.00 T from S
 S3 $\frac{3}{4}$ E 9.44 cottage West Rd
 S7 $\frac{1}{2}$ E 3.72
 S30E 5.55
 S14E 4.33 $\frac{1}{2}$
 S29 $\frac{3}{4}$ E 2.67
 1.00 Fire cache + trail West Rd.
 S49 $\frac{3}{4}$ E 4.01
 S60 $\frac{1}{4}$ E 1.92 #9 $\frac{1}{16}$ S26 bears - 7.68
 2.85
 S77 $\frac{3}{4}$ E 6.88 $\frac{1}{2}$
 S64 $\frac{1}{4}$ E 7.62 $\frac{1}{2}$
 S51E 4.82 c $\frac{1}{4}$ S26 bears S88 $\frac{3}{4}$ E - 1.90
 S33 $\frac{1}{4}$ E 3.48 " " " N - 2.86
 4.02
 S57 $\frac{1}{4}$ E 5.74

64

S26E R31 - School

65

66
Jan. 17. 35

Sutton

Bear Dist.

S $3\frac{1}{4}$ E 3.26 $\frac{1}{2}$ h $\frac{1}{4}$ S 12 bear N 81 W - 0.67S $1\frac{1}{4}$ E 32.83S $42\frac{3}{4}$ E 1.28 $\frac{1}{2}$ S $74\frac{1}{4}$ E 3.85N $80\frac{3}{4}$ E 2.60S $77\frac{1}{4}$ E 5.60 $\frac{1}{2}$ S $87\frac{1}{4}$ E 3.49S $50\frac{1}{4}$ E 2.16S 34 E 3.18 BS7 bears N $89\frac{1}{4}$ W - 20.83S $33\frac{3}{4}$ E 1.97

S 12 E 3.12

S 1 E 4.20

S 33 W 4.69

S $25\frac{1}{2}$ W 2.96 Trail from E.

7.77

S 5 H W 0.36 # $3\frac{1}{16}$ S 18 bear W - 16.05

4.80

S $14\frac{3}{4}$ W 8.84S $6\frac{1}{2}$ E 4.94S $2\frac{1}{2}$ W 5.89 $\frac{1}{2}$

S 7 W 13.55

S $12\frac{1}{2}$ E 4.79 $\frac{1}{2}$ S $20\frac{1}{2}$ E 2.77

S 5 E 7.60

67

S16 $\frac{3}{4}$ W 68 Starrs road
 3.46
 S25 $\frac{1}{4}$ W 3.33 Road from E
 S73 $\frac{1}{2}$ W 6.28 At $\left(\begin{smallmatrix} 18 \\ 24 \end{smallmatrix}\right)$
 S66 $\frac{3}{4}$ W 7.69 $\frac{1}{2}$
 S76 $\frac{3}{4}$ W 9.11
 S82 $\frac{1}{4}$ W 3.74 #1 $\frac{1}{6}$ SRH bear N-6.34
 S77 $\frac{1}{4}$ W 4.39
 S55W 5.53 Trail from E
 9.98 $\frac{1}{2}$
 S79 $\frac{3}{4}$ W 7.50 #5 $\frac{1}{6}$ bear S 5.23
 11.31
 S11 $\frac{3}{4}$ E 7.78
 S5E 8.97 $\frac{1}{2}$
 S1W 4.83 C $\frac{1}{4}$ S24 bears S88 $\frac{3}{4}$ E = 1.68
 12.37
 S11E 8.14
 S34 $\frac{1}{4}$ E 1.98
 S47 $\frac{1}{2}$ E 4.18
 S20 $\frac{3}{4}$ E 1.92
 S $\frac{1}{2}$ E 6.37 $\frac{1}{2}$
 S7W 3.15
 S2W 4.36
 S26 $\frac{1}{2}$ W 4.78
 S4E 11.93
 S8W 4.31 Trail from E
 6.64

$\frac{12}{1}$
 $\frac{3}{1}$
 $\frac{18}{1}$
 $\frac{3}{1}$
 $\frac{21}{1}$

S 38°W 3.77

S 18½°W 3.37

S 25½°W 4.31

S 13°W 4.84

Jan 18 35

S 8°W 3.96

S 20½°W 4.63

S 10¾°W 5.15

S 34°E 2.97

S 9¼°E 5.03

S 34½°W 8.00

To Lake

Jan 18 35

Starting at junction of Starke & Bear Trip

S 42¼°E 4.48½

S 65°E 4.24 Trail from W

S 71½°E 1.66½

S 84°E 3.30

S 74°E 4.21

S 36¼°E 2.38½ Fence

S 61°E 2.82

S 71½°E 1.50

N 81°E 1.95

N 59½°E 1.54

N 22¾°E 4.51

N 74°E 2.32

N 64¼°E 3.42

N33E 2.51
 N45E 2.00 GL bears S56 1/2 E
 S 69 1/2 E 4.48 GI bears
 4.48

Bear Dist.

Sutton Jan 18 1935

At Junction of Sq Pt Rd

S17 $\frac{1}{4}$ W 4.21S123 $\frac{1}{4}$ E 4.61S413 $\frac{1}{4}$ F 2.77

S51 E 5.86

S29 $\frac{1}{4}$ E 2.70S123 $\frac{1}{4}$ E 5.14S32 $\frac{1}{4}$ E 2.57

S42 E 8.80

S46 E 9.61

S32 E 5.97

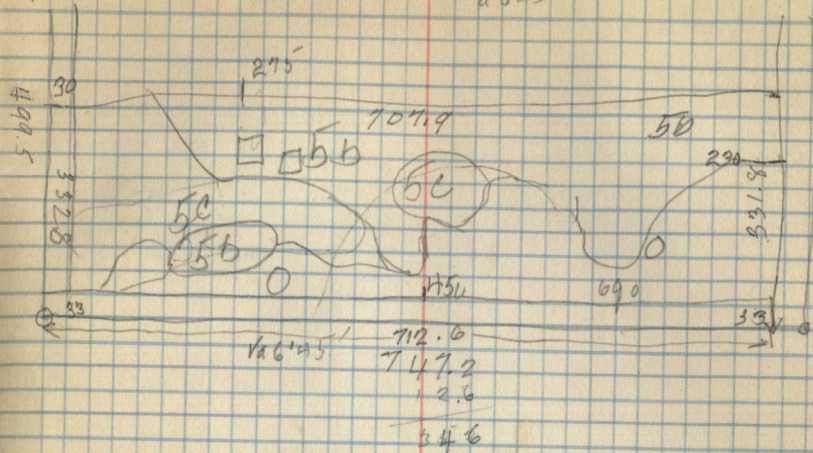
S49 $\frac{1}{4}$ E 12.12 $\frac{1}{2}$ S69 $\frac{1}{4}$ E 2.85 Trait from WN84 $\frac{1}{4}$ E 4.24N66 E 2.80 $\frac{1}{2}$ N55 $\frac{1}{4}$ E 6.29

N83 E 7.18

S743 $\frac{1}{4}$ E 2.37

S38 E 3.63

S263 $\frac{1}{4}$ E 4.52S463 $\frac{1}{4}$ E 5.74 Joins Bear trap



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