

Bk. 110 - Dr. 16

BOYS FARM

Stadia Survey

Page... 1... Transit... 19919... Obs. W. 6014... Line...
 Date... 1/18/21... Rec. ~~1/18/21~~...

OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE			READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
				Up+ Down-	No. of Int. or Angle	Rod Equiv.			
At #1 $H/I = 5.1 = 22.60$									
To Mount Center So.	180°00	112'	112 M.	-	8°30	5.1	-16.4	00.1	
Ch Az. S.E. Cor. House	318°00								
To Hub #2	61°15	195	390.						
1 Toe of West Slope	224°45	166	332.	-	12°00	5.1	-33.8	82.7	
2 Gen on Slope	206°40	110	220.	-	10°30	5.1	-19.7	96.8	
3 Toe of Slope	257°15	136	272.	-	15°00	5.1	-33.9	82.6	
4 Back of Slope	257°15	76	152.	-	15°00	5.1	-19.0	97.5	
5 Toe of Slope	285°30	110	220.	-	13°25	5.1	-24.7	91.8	
6 Gen on Slope	343°45	84	168.	-	7°15	5.1	-13.1	03.4	
7 Toe of Slope	328°00	115	230.	-	10°15	5.1	-20.0	96.5	
8 Gen on N. & S. Fe	360°00	170	380.	-	5°30	5.1	-18.2	98.3	
9 Gen on Slope	12°00	147	294.	-	3°15	5.1	-8.3	08.2	
10 Gen on Slope	12°00	235	470.	-	3°10	5.1	-13.0	03.5	
11 S. & E. Cor. Chicken Coop ³⁴⁶¹⁴	19°40	205	410.	-	2°35	5.1	-9.2	07.3	
12 W. & N. Outhouse	32°05	122	244.	+	2°30	5.1	+5.3	21.8	
13 S. E. Cor. 13	35°10	134	268.						
14 S. E. Cor. Chicken Coop	24°00	212	424.						

Page 2 Transit 44719 Obs. Weber Line Ramsay Box Farm
 Date 2/15/22 Rec. W. L. K.

OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE			READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
				Up+	No. of Int. or Angle	Rod Equiv.			
<u>At 01 Cont</u>				Down-					
15 No We. Cor. Garage	69°00	47	94	✓					
16 S. We. " "	87°05	50	100	✓	+ 2°00		5.1	+1.7	18.2
17 No We. Cor. School House	99°55	108	216	✓	+ 3°30		5.1	+6.6	23.1
18 S. We. Cor. " "	114°45	130	260	✓			2.0		
19 Po. Pole & Gen.	95°35	76	152	✓			0.0		21.6
20 Gen. Top of Slope	63°00	54	108	✓	+ 8°25		5.1	+7.7	24.2
21 C. n. Top of Slope	30°00	112	224	✓	+ 3°00		5.1	+5.9	22.4
22 Gen. Top of Slope	193°00	175	350	✓	- 8°35		5.1	-25.9	98.6
23 Gen. on Slope	118°00	82	164	✓			2.0		19.6
24 Gen. Top of Slope	170°15	191	382	✓	- 6°30		5.1	-21.5	95.0
25 Gen. on Slope	140°35	150	300	✓			7.0		12.6
26 " " Top Slope	153°00	230	460	✓	- 5°00		5.1	-20.0	96.5
27 Man Hole & Gen.	150°40	132	264	✓			12.8		08.8
28 Gen. on Slope	146°45	310	620	✓	- 4°25		5.1	-23.3	93.2
29 " " " "	158°00	77	154	✓	- 7°10		5.1	-9.3	07.2
30 " " " " & Fe Line	180°00	37	74	✓			8.6		13.0
31 Veg. Gellar Cove. 18X24	135°20	266	532	✓	- 1°45		5.1	-8.1	08.4

Page 3 Transit 44919 Obs. Webster Line Box 5 Farm
 Date 2/15/32 Rec. W. L. K.

	OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE			READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
					Up+ Down-	No. of Int. or Angle	Rod Equiv.			
	At 01 Cent									
32	No. We Cor. Veg. Collar	120°45'	252	504 ✓	-	0°30'		5.1	-2.2	14.3
33	Δ Point in Sidewalk 5' wide	90°00'	127	254 ✓						
34	Gen. on Slope	121°00'	211	422 ✓				1.7		19.9
35	Δ point on sidewalk	116°00'	86	172 ✓				1.9		19.7
36	Gen. on Slope	138°00'	200	400 ✓				11.0		10.6
37	Δ to Veg collar in sidewalk	145°15'	209	418 ✓	-	2°30'		5.1	-9.1	07.4
38	Gen on So. slope	193°00'	221	442 ✓	-	6°00'		5.1	-23.0	93.5
39	" on So. Slope	172°30'	220	440 ✓	-	4°55'		5.1	-18.8	97.7
40	Gen " " "	167°15'	235	470 ✓	-	4°20'		5.1	-17.7	98.8
41	Gen in draw	159°00'	342	684 ✓	-	4°00'		5.1	-23.8	92.7
	At 02	H.I. 5.1 = 230.8								
	To 01	61°15'	175							
	Ok. Az. Smokestack	209°43'								
	To 03	150°30'	177	354.						
1	So We Cor. Ice House	298°30'	55	110 ✓				11.8		19.0
2	Ro. Pole & Gen	181°00'	67	134 ✓				5.4		25.4
3	C. We side of Oct. old Pump	177°30'	57	114 ✓						

Page 4 Transit 44919 Obs. W. W. W. Line B
 Date 9/5/32 Rec. W. W. W.

	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE			READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
					Up+ Down-	No. of Int. or Angle	Rod Equiv.			
1	So. Ea. Cor. Ice No.	310°00	46	92✓				11.2		19.6
5	Ea. Face of P	143°25	57	114✓						
6	Haggpole & Gen	105°25	28	56✓				5.7		25.1
7	Gen on Slope. E. of	334°45	178	35✓	-	6°00		5.6	-18.5	06.7
8	Gen on top slope	268°00	94	88✓				5.7		25.1
9	" " " " Top Hill	349°00	250	460✓	-	9°30		5.6	-18.0	07.2
10	Top of slope	99°00	80	100✓				7.9		25.9
11	Top of Hill	352°00	312	636✓	-	9°00		5.6	-22.2	03.0
12	Gen & Pa. Pole	106°35	106	272✓				7.5		26.3
13	Gen on slope	360°00	382	764✓	-	4°30		5.6	-29.8	95.4
14	E. of Road 10' wide	5°00	406	812✓						
15	E. of Road & Gen	17°30	395	790✓	-	6°00		5.0	-41.1	84.7
16	E. of Road "	229°28	102	204✓				7.8		23.0
17	E. of Road "	25°20	375	750✓	-	2°30		5.6	-16.4	08.8
18	A. E. of Road "	101°20	92	184✓				5.5		25.3
19	Top of Slope "	30°00	90	190✓	-	15°05		5.6	-24.0	01.2
20	E. of Road & Gen	67°10	224	448✓	-	3°45		5.	-14.6	11.2

Page 5 Transit 77919 Obs. W. L. H. W. Line
 Date 2/1/22 Rec. W. L. H. W.

	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE			READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
					Up+ Down-	No. of Int. or Angle	Rod Equiv.			
	<u>At 02 Cent</u>									
21	Top of Slope	2°55	145	290✓	-	10°05		5.6	-25.0	200.2
22	E of Road & Gen	44°35	310	620✓	-	2°45		5.6	-14.8	10.4 ✓
23	Top of Slope	1°25	250	500✓	-	6°15		5.6	-27.1	98.1
24	So We Cor Barn 28x70	21°35	440	880✓	-	2°15		5.6	-17.3	07.9
25	Gen Top of Slope	4°35	330	660✓	-	5°00		5.6	-28.7	96.5
26	Pa. Pole. & Gen	30°30	301	602✓	-	4°00		5.6	-20.9	04.3
27	So Ea. Cor Barn	30°30	492	884✓				5.6		
28	Gen on Slope	19°30	302	604✓	-	4.45		5.6	-24.8	200.4
29	Pa. Pole. & Top of Slope	47°50	175	350✓	-	8°00		5.6	-24.2	01.0
30	Gen 600 Slope	23°00	252	504✓	-	5°45		5.6	-25.0	00.2
31	" " "	36°20	255	510✓	-	5°25		5.6	-23.6	01.6
32	" " "	47°35	216	432✓	-	6°25		5.6	-23.9	01.3
33	Gen in Flaps	26°35	175	350✓	-	8°20		5.6	-25.0	00.2
34	Top of Slope	45°25	124	248✓	-	11°05		5.6	-23.6	01.6
35	Ea. End of Rock Garden	152°45	33	66✓				4.6		26.2
36	We. " " " "	197°15	22	44✓				5.1		25.7
37	Side Walk No	192°00	74	142✓				2.6		28.2

Page 6 Transit 49919 Obs. W. C. C. Line Boks Farm
 Date 2/15/22 Rec. W. C. C.

	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE		READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
					Up+	No. of Int. or Angle			
38	So Edge Rock Garden	188°20	32	64✓			5.4		25.4
39	No " "	167°50	20	40✓			5.1		25.7
40	No. W. Cor of House	136°50	82	164✓					
41	No. E. Cor of House	117°47	104	208✓					
42	Gen on Hill	161°30	112	224✓			2.6		28.2
43	" " "	179°00	115	230✓			5.5		25.3
44	Gen on Hill	162°45	166	332✓			7.2		26.6
45	" " "	178°45	166	332✓			6.0		24.8
	At ③ H.I 5.4								-233.1
	To ②	150°30	177						
	CK Az to Smokestack to Edge	226°36							
	To ⑦	85°12	235	470					
1	N.E. Cor Rock Garden	154°55	42	84✓			13.4		19.7
2	N.W. Cor " "	296°40	83	166✓			13.1		20.0
3	SE " " "	172°20	94	188✓	-	6°00	5.4	-9.8	17.9
4	SW " " "	214°05	111	222✓	-	5°00	5.4	-9.7	18.0
5	Gen on slope	148°35	60	120✓			12.5		20.6

Page 7 Transit 44919 Obs. Wilke Line
 Date 2/15/32 Rec. Wilke

	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE		READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
					Up+ Down-	No. of Int. or Angle			
	<u>A+ 03 cont</u>								
6	Toe of slope Garden	170°00	<u>116</u>	232✓	-	550	8.0	-11.8	13.3
7	" " "	200°00	116	232✓	-	6°45	5.4	-13.6	14.1
8	Geron Slope	86°00	89	178✓	-	6°00	5.4	-9.3	18.4
9	" " "	170°00	180	360✓	-	8°05	5.4	-25.0	02.7
10	" " "	191°35	216	432✓	-	8°30	9.0	-31.5	97.6
11	Top Knoll	65°00	45	90✓			5.4		27.7
12	£ Draw	172°30	208	416✓	-	8°30	7.0	-30.5	95.6
13	Geron Slope	170°30	245	490✓	-	5°30	5.4	-24.8	02.9
14	£ of Driveway	38°00	75	150✓			5.6		27.5
15	Geron Slope	164°00	252	604✓	-	4°35	5.4	-20.0	07.7
16	" " "	147°10	262	624✓	-	5°00	5.4	-22.7	05.0
17	" " " £ Drive	59°30	160	320✓			11.7		21.4
18	£ of Draw	142°15	206	412✓	-	9°15	5.4	-32.6	95.1
19	Geron Slope	135°20	270	540✓	-	5°00	5.4	-23.4	04.3
20	£ of Draw	123°00	211	422✓	-	9°00	5.4	-32.5	95.2
21	£ Driveway	51°00	160	320✓	-	4°35	5.4	-12.7	15.0
22	£ of Draw	104°00	226	452✓	-	8°45	5.4	-34.0	93.7

Page 8 Transit 44919 Obs. W. H. K. Line C. Boys Farm
 Date 2/15/32 Rec. W. H. K.

OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE		Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
				Up+ Down-	No. of Int. or Angle				
At 03 cont									
Gen on Slope	119°15	262	524	✓	- 4°35		5.4	-20.8	06.9
Pa. Pk. & Gen	44°00	170	370	✓	- 0°43		9.0	- 2.2	21.9
Gen on Slope	105°40	255	510	✓	- 5°10		5.4	-22.9	04.8
Settling Tank 3X6 & Gen	51°20	130	260	✓			12.9		20.2
At 04 H.I 5.2 = 196.93									
To 03	85°12	235							
Ch. Ax									
To 0.									
Gen on Slope	227°00	12	24	✓			5.2		91.7
Cesspool & Gen	261°30	54	108	✓	+ 14°55		5.2	+13.4	05.1
Top of Slope	117°00	45	90	✓			4.6		92.3
Gen on Slope	117°00	80	160	✓	+ 7°10		5.2	+9.9	01.6
End of outlet of Cesspool	85°06	10	20	✓			7.4		89.5
S.W. Cor Power House	310°30	112	224	✓	+ 10°20		5.2	+19.8	11.5
Top of slope & Shoreline	61°30	82	164	✓			10.8		86.1
Gen on Slope	87°20	90	180	✓	+ 4°55		5.2	+9.0	00.7
S.E. Cor Pa. No. & Gen	319°00	102	204	✓	+ 11°00		5.2	+19.1	10.8

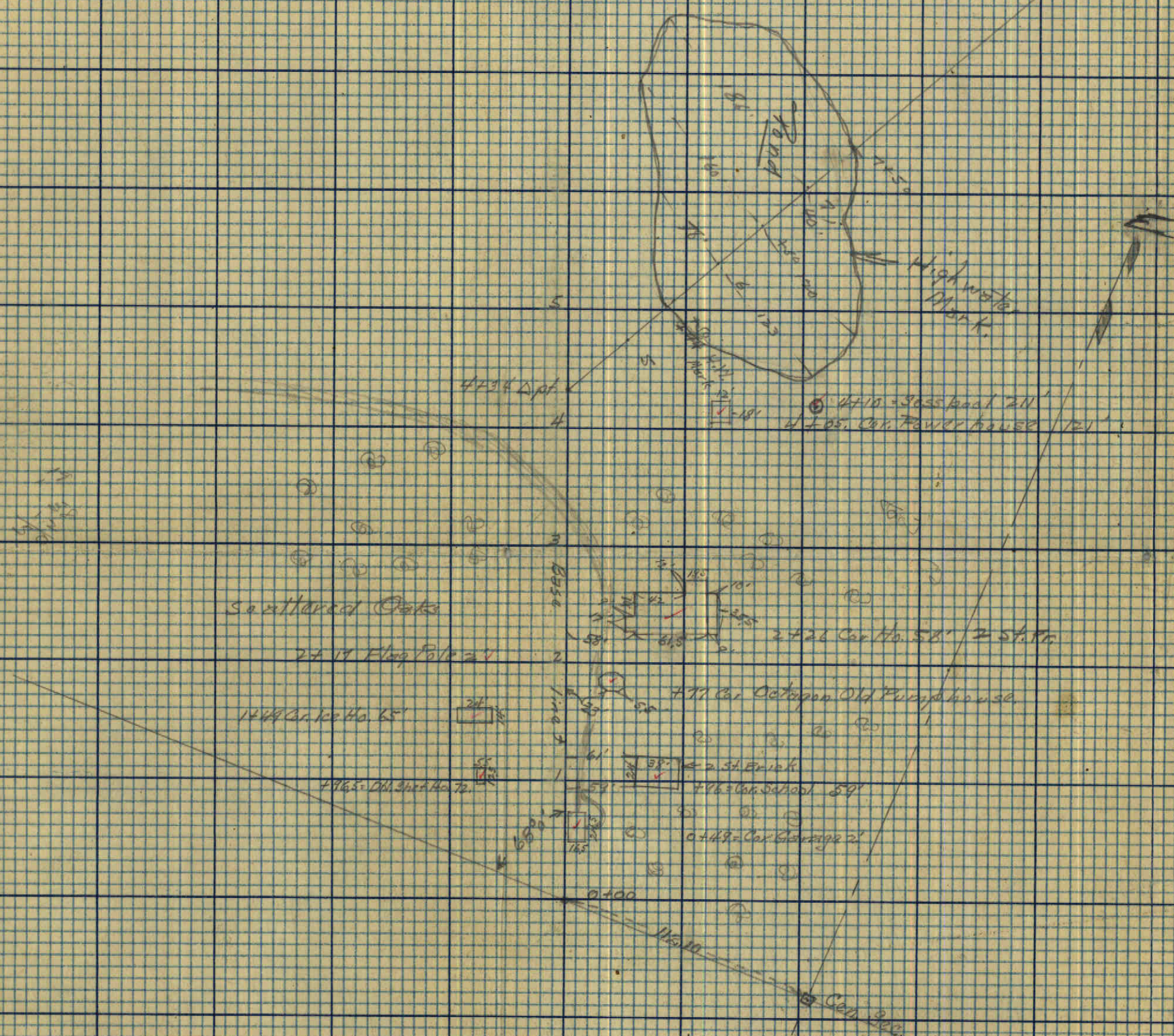
106.93
 5.2
 91.7

Page... 7... Transit... 44919... Obs. Weber... Line... Pa. Bays Farm
Date... 2/15/32... Rec. W. J. K.

OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE		READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
				Up+ Down-	No. of Int. or Angle			
At. O A cont.								
10 Toe of Slope Edge of pond	63°00	153	310V			10.8		86.1
11 Gen on Slope	79°30	145	290V + 600			5.2	+15.1	06.8
12 Top of Slope	33°10	157	314V + 605			5.2	+17.0	08.9
13 Toe of Slope & Ed. Pond	63°30	229	458V			10.5		86.4
14 Gen on Slope	76°20	200	400V + 3°10			5.2	+11.0	02.7
15 Gen. top of Slope	346°15	255	510V + 400			5.2	+17.8	09.5
16 Toe of slope & Ed. Pond	57°45	335	670V			8.5		88.4
17 Gen on Slope	65°00	320	640V + 1.15			2.2	+7.0	98.7
18 Toe of Slope & Pond	43°20	345	690V			9.0		87.9
19 Top of slope	7°00	332	664V + 3°30			5.4	+20.2	11.7
20 E of Draw.	63°00	362	724V			2.4		94.5
21 Toe of Slope Edge Pond	31°45	320	640V			8.0		88.9
22 Gen in Draw	11°00	350	700V + 1°20			5.2	+8.1	99.8
23 Gen on Slope	56°00	385	770V + 1°30			5.2	+10.1	01.8
24 " " "	51°00	410	820V + 1°00			5.2	+7.3	99.0
25 Toe of Slope Ed. of Pond	27°00	231	462V			7.3		87.6
26 E of Draw.	21°00	295	590V + 1°20			5.2	+6.9	98.6

Page 10 Transit 44919 Obs. W. C. Boyer Line Co. Boys Farm
 Date 3/13/32 Rec. W. C. Boyer

	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE		READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
					Up+ Down-	No. of Int. or Angle			
	At 04 cont								
27	Gen on Slope	45°20	400	800	✓	+ 2°00	5.2	+14.0	05.7
28	Edge Pond to slope	6°45	150	300	✓		9.4		87.5
29	Gen on Slope	21°15	250	500	✓		0.0		96.9
30	" " "	33°30	378	756	✓	+ 1°40	5.2	+11.0	02.7
31	Gen Middle of Pond	34°20	126	252	✓		11.8		85.1
32	in Pond	34°20	200	400	✓		11.6		85.3
33	in Pond	44°45	275	550	✓		11.7		85.2


$$\begin{array}{r} 21.6 \\ 31.0 \\ \hline 90.4 \end{array}$$

02636

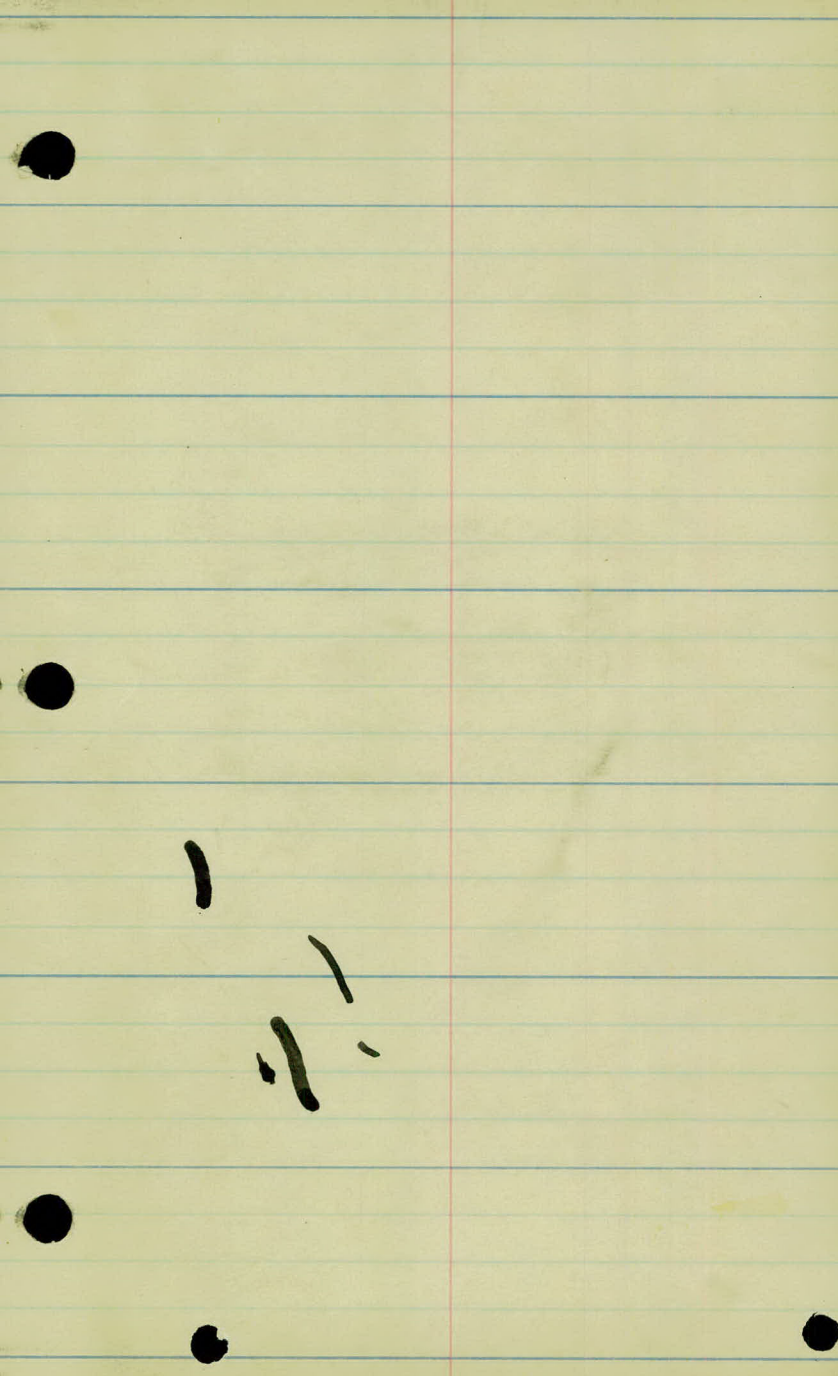
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~~_____~~
Boys' Fair
School

1.5
2.5

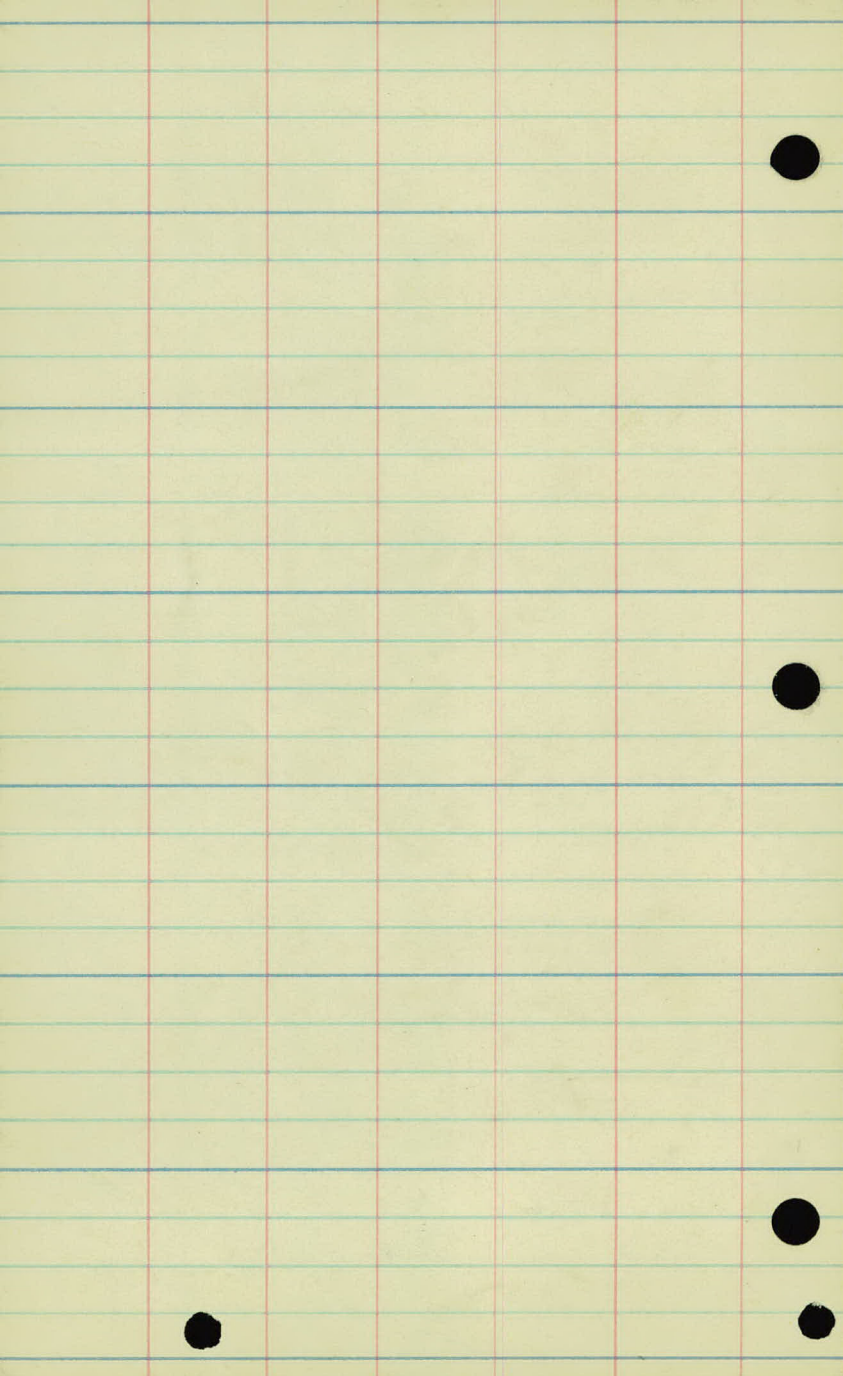
1.41
5.01
2.41

B.M.	13.11	213.11		200.0 (Assumed)
T.P.	12.52	225.50	0.13	212.98
① #1	→		9.0	216.50
T.P.	7.50	232.32	0.68	224.82
① #2	→		7.13	225.19
① #3	→		4.67	227.65
T.P.	0.22	219.20	13.34	218.98
T.P.	0.54	07.83	11.91	207.29
① #4	→		16.10	203.10 191.73



	+	H.I.	-	Red Elev.
B.M.	13.42	213.42		200.0 Assumed
				4.7 208.72
T.P.	12.84	226.10	0.16	213.26
T.P.	8.05	232.87	1.28	224.82
				6.28 226.6
				7.08 225.8
				6.86 226.0
				1.73 231.1
				7.87 225.0
T.P.	0.12	220.28	12.71	220.16
				9.64 210.64
T.P.	0.24	208.17	12.35	207.93
				2.41 205.76
				13.80 194.37
T.P.	2.68	197.06		13.79 194.38
				11.83 185.23
				5.73 171.33

Top of Mont Ctr Sec. 11



Top Mont Ctr. Sec.

Elev. Top M.H. 60' E. of Mont.

Main floor of School house.

" " " Garage.

Old Octagon pump house

Main floor of 2 story Fr. House

Base of Flag pole.

Elev pump house floor

Elev Cess pool M.H.

(" of Draw at sounding.)

Top of ice on pond.

Appr. High water mark Elev.

206.17
~~12.80~~
 194.37

