

Bk. 112 - Dr. 16

KOHLMAN LAKE

Area North of
Stadia Survey

Area north of.

Page... 1... Transit... 45219... Obs. Weber... Line... Kahluwa Lake

Date... 11/25/21... Rec. ~~Wills~~

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 01 ^{926.63} ⁻²⁵ <u>931.88</u> H.I.								
To NE. Cor Sect 4	270°00							
Chk A2 NE. Cor Sect 4	270°00							
To OR	71°46	553				6.25		924.95
1 Toe slope	0°00	10				6.0		925.9
2 Top bank & Fe line	0°00	22				2.2		29.7
3 Edge trees	0°00	36				3.6		28.3
4 Fe line Top bank	67°20	64				4.6		24.9
5 Toe of slope	76°15'	55				7.1		24.8
6 Tree line	358°00	120				10.0		21.9
7 Fe. Line En. West	358°30	140				11.3		20.6
8 To Rd D	90°00	116				7.5		24.4
9 Shoulder line	14°00	115				8.1		23.8
10 Fe. Cor.	32°20	160		- 3°40	-10.2	7.0	-17.2	14.7
11 NW Fe Cor Toe slope	77°45	114				13.7		18.2
12 Fe. line Edge trees	51°30	128		- 4°20	-9.5	6.0	-15.5	16.4

Book # 109 - Dr 8

Page 2 Transit 44919 Obs. Weber Line
 Date 11/25/31 Rec. Wilke

	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE		READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM	
					Up+	No. of Int. Down- or Angle				
	At O1 cont.									
13	E Co Rd D	90°00'	209				9.7		922.2	✓
14	Edge of trees	66°35'	95				11.1		20.8	✓
15	Sho. line	86°28'	206				10.5		21.4	✓
16	Fe. Cor. Nss & toe slope	83°18'	210		-	3°30'	-12.8	5.0	-17.8	14.1 ✓
17	P. Pole	75°10'	116				13.5		18.4	✓
18	P. Pole	83°30'	282		-	2°40'	-13.1	5.0	-18.1	13.8 ✓
	At O2 <u>(930.2)</u> H.I	5.20								
	To O1 Backsight	71°46'	553							
	Check Az. ^{Top} Haggpole Mt Club	357°23'								
	To O3	17°20'	518				8.88		921.3	
1	E Co Rd D	235°40'	302				9.1		21.1	✓
2	Sho. Line	237°15'	295				9.8		20.4	✓
3	No. & So Fence	266°30'	215		-	1°45'	-6.6	5.2	-11.8	18.4 ✓
4	Toe slope	238°35'	288		-	2°00'	-10.1	6.2	-16.3	13.9 ✓
5	No & So Fence	297°00'	348		-	1°30'	-9.1	4.2	-16.3	13.9 ✓
6	E Rd.	210°00'	196				7.1		23.1	✓
7	Sho. Line	211°30'	186				7.6		22.6	✓

Page... 3 ... Transit... 44919 ... Obs. Weber ... Line...
 Date... 11/25/31 ... Rec. W. K. ...

	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE			READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM	
					Up+	No. of Int.	Rod Equiv.				
					Down-	or Angle					
	At 02 cont.										
8	Toe slope	212°10	182					9.1		921.1	✓
9	P. Pole	214°35	170					8.6		21.6	✓
10	P. Pole	162°05	145					5.3		24.9	✓
11	E. & West Fence	317°45	325		-	2°05	- 11.8	5.2	-17.0	13.2	✓
12	Guy Pole	150°00	168					4.4		25.8	✓
13	Fence Cor.	110°45	244					7.9		22.3	✓
14	Int. Co. RD & Labere Rd.	142°00	217					4.7		25.5	✓
15	Fence Cor S. E. W	342°10'	60					4.0		26.2	✓
16	General	264°00	33					6.4		23.8	✓
17	" "	215°00	109					12.3		17.9	✓
18	Rd Sign	138°20	182					4.4		25.8	✓
19	General	241°40'	211		-	2°30'	- 9.2	5.2	-14.4	15.8	✓
20	Tel pole	136°20	176					3.7		26.5	✓
21	Gen.	256°55'	280		-	1°45'	- 8.5	5.2	-13.7	16.5	✓
22	" "	288°20'	233					11.4		18.8	✓
23	Tel. pole	113°00	162					4.2		26.0	✓
24	Gen	336°30	157					9.6		20.0	✓

Page. 4 Transit. Obs. *Weber* Line. *Hann Property*
 Date. *11-24-31* Rec. *Wilke* *Lake Gervais*

	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE			READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
					Up+	No. of Int.	Rod			
					Down-	or Angle	Equiv.			
	<i>180° = N. 90° = W.</i>									
25	* Labore Rd =	86°20	206					4.4		925.8 ✓
26	Gen.	271°30	130					11.0		192 ✓
27	Sho. Line Labore Rd	85°30	196					4.6		25.4 ✓
28	Gen.	133°15'	64					6.3		23.9 ✓
29	Center H. pole	84°15'	187					4.4		25.8 ✓
30	Gen.	142°40	193					4.1		26.1 ✓
31	Gen	95°00	111					4.5		25.7 ✓
32	End of E & W. Fence	73°30	200					7.5		25.7 ✓
33	* Labore Rd	62°25'	228					5.1		25.1 ✓
34	NW Cor 18x24 Building	47°45'	304					5.8		24.4 ✓
35	Toe of Sho. Line	61°15'	280					5.5		24.7 ✓
36	N.E Cor Building	44°20'	271					6.0		24.2 ✓
37	Tell. Pole	59°10'	276					5.1		25.1 ✓
38	N.W Cor house 24x30	41°30	323					5.6		24.6 ✓
39	NW Cor Hen ho. 8x20	39°10	248					5.4		24.8 ✓
40	N.E Cor Hen ho.	34°50	241					6.3		23.9 ✓
41	N.E Cor Shed 30x30	24°35	289					6.9		23.3 ✓

Page. 5. Transit. 44919. Obs. Weber. Line.
Date. 11/25/31. Rec. Wilke. Lake Kohlmanns.

	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 02 cont.											
42	NW cor pig shed. 24113	21°35'	300				6.7		923.5	✓	
43	Gen.	340°00'	201				6.7		23.5	✓	
44	NW cor pig pen	200°00'	275				6.9		23.3	✓	
45	NE cor pig pen	332°20'	280		-	1°45'	-8.5	5.2	-13.7	16.5	✓
46	S.W. " " "	180°33'	310				7.5		22.7	✓	
47	S.E. " " "	349°20'	400		-	1°45'	-12.2	6.2	-18.4	11.8	✓
At 03 <u>926.4</u> , HI 5.00											
Check Az Top Water Tank. Post farm		335°01'									
	To 02 Backshot	17°20'	518								
	To 04	22°20'	478		-	2°00'	-16.4	5.0	-21.4	905.0	
1	SE Cor trees	160°00'	225				1.7		24.7	✓	
2	& Labare	149°10'	289				2.5		23.9	✓	
3	Tel. Pole	152°00'	272				3.4		23.0	✓	
4	N.W. Edge trees	157°40'	275				1.6		24.8	✓	
5	S.W. Cor "	149°30'	234				1.5		24.9	✓	
6	Center Transmission Tower. 124x14	125°15'	190				4.3		22.1	✓	
7	Tel. Pole	128°20'	219				4.1		22.3	✓	

Page 1 Transit 24919 Obs. Wilke Line
 Date 11/27/21 Rec. Wilke

	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE			READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM	
					Up+	No. of Int.	Rod				
					Down-	or Angle	Equiv.				
	<u>At 03 Cont.</u>										
8	Gen	139° 00	136					3.7		922.7	✓
9	Tel Pole	95° 05	220								
10	Gen	94° 00	79					4.6		21.8	✓
11	Labare Rd	72° 15'	307					5.3		21.1	✓
12	Gen	52° 10	137					7.4		19.0	✓
13	H. Pole	69° 30	286					4.4		20.0	✓
14	Gen	73° 45	202					6.4		20.0	✓
15	N.E. Cor Ho. 2st Fr. 24x24	55° 25'	251					8.4		18.0	✓
16	N.W. Cor "	57° 45'	265					7.8		18.6	✓
17	N.W. Cor Garage. 22x20	51° 00	219					9.2		17.2	✓
18	N.E. Cor "	46° 15	208					9.0		17.4	✓
19	N.E. Cor Hen House 9x12	40° 00	250					10.6		15.8	✓
20	Gen	30° 00	166					8.7		17.7	✓
21	West End of Fence	27° 15	253					11.5		14.9	✓
22	West " " "	53° 00	382					8.3		18.1	✓
23	Fe. Line E & W	100° 00	226		- 2° 25	- 9.5	5.0	-14.5		11.9	✓
24	" " to Gen	28° 45	265					12.0		14.4	✓

Page... 7 ... Transit... 44919 ... Obs. W. 2. 1. ... Line...
 Date... 11/25/31 ... Rec. W. 2. 40 ...

	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				
25	Δ NE- EY W Fence	351°00	226		-	3°30	-13.7	5.0	-18.7	907.7 ✓
26	Fence Line	6°35	233		-	2°30	-10.2	5.0	-15.2	11.2 ✓
27	Cor. NYS Fence	323°45	186		-	4°30	-14.6	5.0	-19.6	06.8 ✓
28	EY W Fence	334°20	258		-	4°28'	-20.1	5.0	-25.1	01.3 ✓
29	SE Fence Cor.	311°30	160		-	4°45'	-15.2	5.0	-20.2	06.2 ✓
30	Gen.	352°15	120					11.4		915.0 ✓
31	EY W Fence	312°25	342		-	6°00	-35.5	7.0	-42.5	883.9 ✓
32	Gen.	282°00	30					7.3		919.1 ✓
33	"	177°20	112					3.5		922.9 ✓
34	"	216°00	120					7.1		919.3 ✓
35	"	259°25	163		-	3°00'	-8.5	5.0	-13.5	912.9 ✓
36	"	271°30	255		-	4°00	-17.8	5.0	-22.8	03.6 ✓
37	"	288°30	133		-	3°00	-11.6	5.0	-16.5	09.9 ✓
38	SE Fence Line	260°30	312		-	3°35	-19.4	5.0	-24.4	902.0 ✓
39	EY W Fence	296°50	281		-	5°45	-23.0	5.0	-28.0	898.4 ✓
40	Center Trans. Tow. 14X14	250°35	330		-	2°35	-14.8	5.0	-19.8	906.6 ✓
41	Gen.	277°15'	280		-	4°20	-21.1	5.0	-26.1	903.3 ✓

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 Date 11/25/31 Rec. W/LK

	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 03 cont.										
42	E & W. Fence	286°25'	360		-	5°30'	-34.4	6.0	-40.4	886.0	✓
43	Int E & W & N & S. Fence	241°40'	535		-	6°30'	-60.0	5.0	-65.0	61.4	✓
44	11 E & W. Fence & SE fence	281°15'	518		-	5°05'	-45.7	5.0	-50.7	75.7	✓
45	Gen.	253°20'	477		-	3°00'	-24.9	5.0	-29.9	96.5	✓
46	SE & NE Fence	269°35'	400		-	4°35'	-31.8	6.0	-37.8	88.6	✓
47	12" Oak tree	264°25'	440								
48	Gen.	274°50'	353		-	5°00'	-30.7	5.0	-35.7	90.7	✓
	At 04 <u>(910.1)</u> HI	5.30									
	To 03	22°20'	470								
	Int. Horiz. Work										
	Check Az. top Water tank B	334°13'									
	To 05	24°20'	432					9.45		900.65	
1	Tel pole	146°20'	250		+	3°10'	+13.8	5.3	+8.5	18.6	✓
2	Tel pole & E & W Fence	115°00'	210		+	4°35'	+16.8	9.0	+7.8	17.9	✓
3	2 Labors	112°50'	235		+	4°00'	+16.4	5.3	+11.1	21.2	✓
4	E & W. Fence	134°00'	131		+	4°00'	+9.2	5.3	+3.9	14.0	✓
5	Sho Line	113°00'	222		+	4°00'	+15.4	5.3	+10.1	20.2	✓
6	Gen.	164°10'	164		+	3°15'	+9.3	5.3	+4.0	14.1	✓

Page... 7... Transit... 44219... Obs. *W. L. L. L.*... Line...Date... *11/25/31*... Rec. *W. L. L. L.*...

	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				
	<i>At 0.4 cent.</i>									
7	<i>Tec slope</i>	<i>112° 50</i>	<i>217</i>		<i>+</i>	<i>4° 20</i>	<i>+16.3</i>	<i>9.0</i>	<i>+7.3</i>	<i>917.4 ✓</i>
8	<i>Gen</i>	<i>210° 00</i>	<i>160</i>					<i>0.4</i>		<i>09.7 ✓</i>
9	<i>Gen</i>	<i>237° 30</i>	<i>254</i>					<i>8.0</i>		<i>02.1 ✓</i>
10	<i>N.W. Cor 2nd E. W. 20x38</i>	<i>111° 30</i>	<i>181</i>		<i>+</i>	<i>3° 55</i>	<i>+12.3</i>	<i>5.3</i>	<i>+7.0</i>	<i>17.1 ✓</i>
11	<i>N.E. " " "</i>	<i>111° 00</i>	<i>141</i>		<i>+</i>	<i>4° 00</i>	<i>+9.8</i>	<i>5.3</i>	<i>+4.5</i>	<i>14.6 ✓</i>
12	<i>Int N.Y.S. Fence Cor</i>	<i>237° 00</i>	<i>150</i>					<i>7.4</i>		<i>02.7 ✓</i>
13	<i>SE. Fe. Cor.</i>	<i>266° 30</i>	<i>67</i>					<i>9.9</i>		<i>00.2 ✓</i>
14	<i>SE Cor. B. 14 16x20</i>	<i>115° 20</i>	<i>87</i>		<i>+</i>	<i>4° 45</i>	<i>+7.2</i>	<i>6.0</i>	<i>+1.2</i>	<i>11.3 ✓</i>
15	<i>N.E. Cor. " "</i>	<i>125° 35</i>	<i>90</i>		<i>+</i>	<i>4° 25</i>	<i>+6.9</i>	<i>5.3</i>	<i>+1.6</i>	<i>11.7 ✓</i>
16	<i>N.W. Fence Cor.</i>	<i>175° 00</i>	<i>28</i>					<i>2.5</i>		<i>07.6 ✓</i>
17	<i>SE " "</i>	<i>85° 00</i>	<i>18</i>					<i>4.8</i>		<i>05.3 ✓</i>
18	<i>End E & W Fe.</i>	<i>114° 00</i>	<i>71</i>					<i>0.0</i>		<i>10.1 ✓</i>
19	<i>N.W. Cor. Pig ho.</i>	<i>87° 00</i>	<i>122</i>		<i>+</i>	<i>3° 30</i>	<i>+7.4</i>	<i>5.3</i>	<i>+2.1</i>	<i>12.2 ✓</i>
20	<i>N.E. " " "</i>	<i>84° 20'</i>	<i>111</i>		<i>+</i>	<i>3° 20</i>	<i>+6.4</i>	<i>5.3</i>	<i>+1.1</i>	<i>11.2 ✓</i>
21	<i>N.W. Cor E & W. Fe.</i>	<i>64° 40</i>	<i>136</i>					<i>1.2</i>		<i>908.9 ✓</i>
22	<i>Int No. 1 S. Fe. & E. W.</i>	<i>2° 00</i>	<i>100</i>					<i>12.5</i>		<i>897.6 ✓</i>
23	<i>Tel Pole</i>	<i>83° 00</i>	<i>24.7</i>		<i>+</i>	<i>2° 10</i>	<i>+15.6</i>	<i>3.3</i>	<i>+8.3</i>	<i>918.4 ✓</i>

Page 10 Transit 49919 Obs. Webster Line
 Date 11/25/31 Rec. W. I. Ke

	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.				
24	Gen.	335°00	56					10.5		899.6	✓
25	* Lobert Rd	65°00	344		+	2°35	+15.5	4.0	+11.5	921.6	✓
26	Gen.	258°20	121					14.0		896.1	✓
27	Shoulder line	64°30	336		+	2°50	+16.6	5.3	+11.3	921.4	✓
28	E & W Fe.	250°00	226					13.7		896.4	✓
29	Toe Shoulder	63°50	330		+	2°30	+14.4	5.3	+9.1	919.2	✓
30	E & W Fe.	257°15	332		-	3°00	-17.3	5.3	-22.6	887.5	✓
31	Tel Pole	62°50	328		+	2°30	+14.3	5.3	+9.0	919.1	✓
32	E & W Fe	258°50	435		-	3°10	-24.0	5.3	-29.3	880.8	✓
33	Gen	49°15	290		+	1°45	+8.8	5.3	+3.5	913.6	✓
34	"	252°00	475		-	3°00	-24.8	5.3	-30.1	880.0	✓
35	"	72°30	172		+	2°45	+8.3	5.3	+3.0	913.1	✓
36	"	245°00	352		-	2°00	-12.3	5.3	-17.4	892.5	✓
37	"	268°50	385		-	3°45	-25.1	5.3	-30.4	879.7	✓
38	"	280°30	325		-	4°50	-27.3	5.3	-32.6	877.5	✓
39	Int E & W + S Fe	283°00	445		-	4°10	-32.3	5.3	-37.6	872.5	✓
40	NW Cor 10 x 24 Shed	40°30	305					0.0		910.1	✓

Page 11 Transit 49919 Obs. W. G. C. K. Line
 Date 11/25/31 Rec. W. H. 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	Rod Equiv.				
41 N.E. Cor Shed	36°45'	286					2.2		907.9	✓
42 E.W. Fence & Gen	287°15'	332		-	5°35'	-32.1	5.3	-37.4	872.7	✓
43 Cor Fe. S.E.	35°25'	294					2.4		907.7	✓
44 E.W. Fe & Gen	295°30'	228		-	7°05'	-27.9	5.3	-33.2	876.9	✓
45 Int. No. & Fence & E.W. Fe	13°25'	265					14.0		96.1	✓
46 E.W. Fe. & Gen	327°35'	120		-	6°30'	-13.4	5.3	-18.7	91.4	✓
47 E.W. Fe. & Gen	58°30'	270		-	4°00'	-18.8	5.3	-24.1	86.0	X
48 Gen	294°00'	144		-	5°10'	-13.0	5.3	-18.3	91.8	✓
49 Jog E.W. Fe S.	346°00'	290		-	5°15'	-26.4	5.3	-31.7	78.4	✓
50 Jog " " E	348°30'	325		-	4°30'	-25.5	5.3	-30.8	79.3	✓
51 N.Y. S. Fe & Gen	7°30'	172					13.2		96.9	✓
52 E.W. Fe. & Gen	337°30'	345		-	5°35'	-33.4	5.3	-38.7	71.4	✓
53 Gen	1°30'	174		-	4°35'	-13.8	5.3	-19.1	91.0	✓
54 " "	333°00'	194		-	5°30'	-18.5	5.3	-23.8	86.3	✓
55 Gen E.W. F.	321°30'	410		-	5°05'	-36.2	3.3	-41.5	68.6	✓
56 Gen	314°35'	260		-	6°50'	-30.7	5.3	-36.0	74.1	✓
57 " "	303°15'	375		-	5°25'	-35.3	5.3	-40.6	86.95	✓

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 Date 11/25/31 Rec. W. H. 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	Rod Equiv.				
58	Int NYS E.W. Fence	307°00	525		-	9°50	-44.1	5.3	-49.4	860.7	✓
59	Gon & NYS Fe.	297°00	478		-	9°05	-34.0	5.3	-39.3	870.8	✓
	At 05 <u>905.9</u> HI	5.20									
	To 04	24°20	432								
	CK Az to Watertank Po. Firm	321°25									
	To 06	360°00	574		-	2°35	-25.8	5.2	-31.0	874.9	
1	SW. Cor. Ho. 22130	132°55	190		+	5°20	+17.6	5.2	+12.4	918.3	✓
2	NW Fe Cor.	182°30	151		+	2°35	+6.8	5.2	+1.6	07.5	✓
3	NE Cor. Ho 1st. Fr. Dw	143°40	171		+	5°15	+15.6	5.2	+10.4	16.3	✓
4	Fe. line NYS. Gen	170°30	65					0.6		05.3	✓
5	2 Labors	123°40	227		+	5°15	+20.6	5.2	+15.4	21.3	✓
6	Sho. Line	124°00	216		+	5°20	+20.0	5.2	+14.8	20.7	✓
7	Toe of slope	124°00	209		+	5°00	+18.2	5.2	+13.0	18.9	✓
8	T. Pole	125°35	203		+	5°30	+19.4	5.2	+14.2	20.1	✓
9	Int. NYS & E.W. Fe.	78°45	64					2.0		03.9	✓
10	T. Pole	92°25	210		+	5°45	+19.2	5.2	+14.0	19.9	✓
11	Int. NYS & E. Fe.	78°35	115		+	5°35	+11.1	5.2	+5.9	11.8	✓

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 Date. 11/27/31 Rec. W.H.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	Rod Equiv.				
12 End E.W. Fe.	84°00	231		+	4°45	+19.0	5.2	+13.8	919.7	✓
13 30" B.F. Elder	80°45	156		+	5°45	+14.2	5.2	+9.0	14.9	✓
14 & Labret Rd.	76°35	287		+	4°15	+21.2	5.2	+16.0	21.9	✓
15 Gen.	114°00	119		+	6°10	+12.7	5.2	+7.5	13.4	✓
16 NW Cor. Ho. 2st. Fr. DW	73°30	213		+	4°10	+15.4	5.2	+10.2	16.1	✓
17 Sho. Line	79°15	280		+	4°15	+20.7	5.2	+15.5	21.4	✓
18 N.E. Cor. Ho. 32X25	68°35	195		+	4°25	+15.0	5.2	+9.8	15.7	✓
19 12" Fr. Green	73°35	231		+	4°10	+16.8	5.2	+11.6	17.5	✓
20 NW Cor. Ba. 18X32	55°00	155		+	3°00	+8.1	5.2	+2.9	08.8	✓
21 N.E. Cor. Ba.	44°27	136		+	3°05	+7.3	5.2	+2.1	08.0	✓
22 Clump. 7 15" Elms.	53°45	245		+	3°05	+13.2	5.2	+8.0	13.9	✓
23 NW Cor 8X8 Herp Ho.	38°05	135		+	2°00	+4.7	5.2	-0.5	05.4	✓
24 N.E. Cor " " "	35°15	128		+	1°45	+3.9	5.2	-1.3	04.6	✓
25 End N4S Fe & Gen	53°45	154		+	3°00	+8.0	5.2	+2.8	08.7	✓
26 NW Cor. Pig. Ho. End N4S Fe.	18°50	186					5.9		900.0	✓
27 NE " " "	120°50	181					7.8		898.1	✓
28 N.W Fe. Cor. Gen	32°30	46					2.8		903.1	✓

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	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 05 Cont</u>									
29	Clump. 20 6" Box E	9°30	200					10.1		895.8 ✓
30	" 5 8" Box E	43°30	60					1.4		904.5 ✓
31	Gen on E & W. Fe.	314°00	52					11.3		894.6 ✓
32	Gen	358°35	237		-	3°15	-13.4	5.2	-18.6	87.3 ✓
33	Gen on E & W. Fe.	301°35	49					10.8		95.1 ✓
34	15" B. E.	277°55	133		-	5°45	-13.2	5.2	-18.4	87.5 ✓
35	Fe Cor. N & W	336°40	326		-	7°35	-26.0	5.2	-31.2	74.7 ✓
36	Gen & Fe. Cor. N.E.	280°35	222		-	6°15	-24.0	5.2	-29.2	76.7 ✓
37	Gen.	244°30	134		-	3°55	-9.1	5.2	-14.3	91.6 ✓
38	Gen. on N. & S. Fe.	315°20	255		-	5°35	-24.6	5.2	-29.8	76.1 ✓
39	Gen on E & W. Fe.	275°30	248		-	6°25	-27.6	5.2	-32.8	73.1 ✓
40	Gen	264°00	271		-	6°00	-28.2	5.2	-33.4	72.5 ✓
41	"	303°10	180		-	6°45	-21.0	5.2	-24.2	79.7 ✓
42	NW. End. Tarn. Trees	269°15	390		-	4°45	-32.1	5.2	-37.3	68.6 ✓
43	Gen	283°30	282		-	6°15	-30.5	5.2	-35.7	70.2 ✓
44	"	266°00	451		-	4°10	-32.7	5.2	-37.9	68.0 ✓
45	NE Edge Tarn & E. & W. Fe.	272°30	528		-	3°35	-32.9	5.2	-38.1	67.8 ✓

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 Date 11/27/31 Rec. W. H. 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	Rod Equiv.				
<u>At 05 Gen.</u>										
46 Gen.	310°00	325		-	3°35	-31.5	5.2	-36.7	869.2	✓
47 N.Y.S. E.W. Fe. Line	272°00	570		-	3°00	-30.9	5.2	-36.1	69.8	✓
48 Gen. on E.W. Fe.	327°00	431		-	4°25	-33.1	5.2	-38.3	67.6	✓
49 Gen.	284°20	675		-	0°45	-8.4	5.2	-13.6	92.3	✓
50 SW. Cor. Tamm. Swg.	308°00	792		-	4°00	-34.2	5.2	-39.4	66.5	✓
51 SE. Cor. Tamm. swa.	294°40	605		-	3°15	-34.3	5.2	-39.5	66.4	✓
52 E.W. Fe. Line & Gen.	316°00	595		-	3°15	-33.7	5.2	-38.9	67.0	✓
53 Gen.	294°15	490		-	3°55	-33.4	5.2	-38.6	67.3	✓
At 06 <u>(879.9)</u> H.I. 5.10										
To 05	0°00	574								
Ch. Az. to Top Silo S.E.	309°07									
To 07	346°46	844		+	1°25	+20.8	5.1	+15.7	895.6	
1 2 12" Apple Trees.	162°30	286		+	3°35	+17.8	5.1	+12.7	892.6	✓
2 Gen.	163°20	330		+	4°10	+25.3	5.1	+20.2	900.1	✓
3 Beg N.Y.S. Fe & Gen	157°20	444		+	3°10	+24.5	5.1	+19.4	899.3	✓
4 Gen	154°50	282		+	3°10	+15.5	5.1	+10.4	890.3	✓
5 Δ N.Y.S. Fe	152°50	382		+	4°20	+28.8	5.1	+23.7	903.6	✓

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 Date 11/27/21 Rec. Wilke

	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE			READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM	
					Up+	No. of Int.	Rod				
					Down-	or Angle	Equiv.				
	<u>At 06 cont</u>										
6	Gen	131°00	200		+	3°30	+12.2	5.1	+7.1	887.0	✓
7	Gen on N.Y.S. Fe	133°35	320		+	5°30	+30.5	5.1	+25.4	905.3	✓
8	Gen	95°35	151		+	2°00	+5.3	5.1	+0.2	880.1	✓
9	Gen on N.Y.S. Fe	116°50	258		+	5°15	+23.6	5.1	+18.5	898.4	✓
10	12" B.E. & Fe Line	78°20	229		+	1°45	+7.0	5.1	+1.9	881.8	✓
11	Gen.	49°15	260					4.8		75.1	✓
12	Gen on N.Y.S. Fe.	51°00	285					7.8		72.1	✓
13	Gen.	31°00	234					5.9		74.0	✓
14	"	24°30	278					11.0		68.9	✓
15	Gen. N.Y.S. Fe.	39°00	347					10.4		69.5	✓
16	" " "	32°30	408					7.9		72.0	✓
17	Gen.	7°10	195					11.7		68.2	✓
18	"	31°20	165					5.7		74.2	✓
19	Gen N.Y.S. Fe	27°50	464					3.7		76.2	✓
20	Gen	38°45	64					7.1		72.8	✓
21	15" Wh. Oak	11°45	341					9.0		70.9	✓
22	Gen	128°15	81					0.9		79.0	✓

Page 17 Transit 449.19 Obs. Webster Line
 Date 11/27/31 Rec. W. J. Ke.

	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE			READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM	
					Up+	No. of Int.	Rod				
					Down-	or Angle	Equiv.				
	<i>At Q 6 Cont.</i>										
23	Gen. Toe So Bank	344°00	405					10.2		869.7	✓
24	Gen.	207°00	152					9.5		75.4	✓
25	Gen. in Sw.	325°00	275					12.8		67.1	✓
26	Gen.	234°00	170					11.8		68.1	✓
27	Gen. Toe slope	312°30	490					10.8		69.1	✓
28	Gen.	277°50	94					11.9		68.0	✓
29	Gen.	298°55	335					12.8		67.1	✓
30	15" Wh. Oak & Gen.	301°00	550					9.8		70.1	✓
31	Gen.	353°30	323					13.2		66.7	✓
32	" Toe slope	327°00	376					12.5		67.4	✓
33	Gen. Toe slope	281°45	555					10.6		69.3	✓
34	Gen.	16°50	488			+ 0°45	+ 6.4	5.1	+1.3	81.2	✓
35	Gen. E & W Fe. Edge Sw.	263°30	610					12.5		67.4	✓
36	Gen.	315°25	462					12.2		67.7	✓
37	N & S Fe. Gen.	20°25	600			+ 0°30	+ 5.2	5.1	+0.1	80.0	✓
38	" " "	170°15	700			+ 0°30	+ 6.1	5.1	+1.0	80.9	✓
39	Gen.	271°50	512					12.8		67.1	✓

Page 19 Transit 47910 Obs. W. H. K. Line
 Date 11/27/31 Rec. W. H. 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	Rod Equiv.				
40	Gen. Top Knoll	120° 55'	540		+	0° 35'	+ 5.5	5.1	+ 0.4	880.3	✓
41	Gen. Top Knoll	8° 35'	510					6.2		73.7	✓
42	Gen.	357° 15'	525					8.5		71.4	✓
43	Int E.W.N.S. Fe. Gen	269° 40'	755					13.2		66.7	✓
44	Gen on Slope	391° 00'	551		+	0° 30'	+ 4.8	5.1	- 0.3	79.6	✓
45	Gen. " "	282° 30'	726					4.2		75.7	✓
46	" "	328° 20'	618		+	0° 45'	+ 8.1	5.1	+ 3.0	82.9	✓
47	Gen " "	320° 10'	680		+	0° 35'	+ 6.9	5.1	+ 1.8	81.7	✓
48	" " "	296° 15'	755		+	0° 45'	+ 9.9	5.1	+ 4.8	84.7	✓
49	" " "	308° 10'	715		+	0° 40'	+ 8.3	5.1	+ 3.2	83.1	✓
50	" " "	300° 15'	622					7.9		72.0	✓
	At 0 7 <u>900.7</u> H.I.	5.2									
	To 0 6	346° 46'	844								
	Chk A2 Top Watertank Po. F	318° 25' 30"									
	To 0 3A	18° 08'	620		-	1° 03'	- 11.3	5.2	- 16.5	884.2	
	To 0 8	241° 03'	76.4		-	2° 22'	- 31.2	5.2	- 36.4	864.3	
1	Gen on E.W. Fe.	119° 00'	95					7.1		892.6	✓
2	Gen N.Y.S. Fe	108° 00'	422		-	2° 00'	- 14.7	5.2	- 19.9	880.8	✓

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 Date... 11/27/91... 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.	Rod				
					Down-	or Angle	Equiv.				
	A7 07										
3	SW Fe. Cor. G-CH	96°10	400		-	3°45	- 26.0	5.2	-31.2	869.5	✓
4	Gen Top Knoll	61°35	132					10.2		90.5	✓
5	Gen E & W Fe.	97°30	330		-	4°45	- 27.2	7.2	-34.4	66.3	✓
6	Gen Top Knoll	48°00	220					10.7		90.0	✓
7	Gen	111°15	303		-	9°45	- 25.0	6.2	-31.2	69.5	✓
8	E, W Fe 24" B. E.	103°15	184		-	4°40	- 14.9	9.2	-24.1	76.6	✓
9	Gen Top Knoll	30°00	215					11.5		89.2	✓
10	Gen	133°10	324		-	4°00	- 23.3	5.2	-28.5	72.2	✓
11	Gen	124°20	260		-	5°15	- 23.7	7.2	-30.9	69.8	✓
12	"	16°00	227					6.7		93.8	✓
13	"	145°30	300		-	4°45	- 24.8	5.2	-30.0	70.7	✓
14	"	134°30	204		-	5°45	- 20.3	6.2	-26.5	74.2	✓
15	"	162°15	243		-	4°05	- 17.3	5.2	-22.5	78.2	✓
16	"	10°00	200					4.8		95.9	✓
17	"	162°15	106					13.1		87.6	✓
18	Gen. E & W Fe	122°15	83					8.2		92.5	✓
19	Gen.	13°15	115					6.4		94.3	✓

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 Date 11/27/21 Rec. Wilke

	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE			READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
					Up+	No. of Int.	Rod			
					Down-	or Angle	Equiv.			
20	12" Box E ESW Fe Gen	185°00	46					7.2		893.5 ✓
21	Gen	376°50	111					8.2		92.5 ✓
22	Gen	20°15	185		-	1°00	- 12.8	5.2	-18.0	82.7 ✓
23	Gen E & W Fe	248°25	124		-	3°25	- 7.4	5.2	-12.6	88.1 ✓
24	Gen	269°15	24					4.8		95.9 ✓
25	"	222°00	280		-	2°15	- 11.0	5.2	-16.2	84.5 ✓
26	Gen E & W Fe	258°30	225					8.8		91.9 ✓
27	Gen	232°00	358					10.8		89.9 ✓
28	Gen	285°15	136					13.8		86.9 ✓
29	Gen	235°45	450					11.3		89.4 ✓
30	Gen E & W Fe & 12" oak	261°15	305					13.0		87.7 ✓
31	Gen	329°10	165		-	3°45	- 10.8	5.2	-16.0	84.7 ✓
32	Gen	243°15	285					8.8		91.9 ✓
33	"	247°30	420					14.5		86.2 ✓
34	"	351°20	232		-	3°00	- 11.6	5.2	-17.8	82.9 ✓
35	Gen E & W Fe	263°00	385		-	2°15	- 15.1	8.2	-23.3	77.4 ✓
36	Gen	232°35	550					13.2		87.5 ✓

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	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.			
37	Gen on Slope	5°20	248					12.5		888.2 ✓
38	Gen	228°00	663					14.0		86.7 ✓
39	Gen	15°00	276					12.5		88.2 ✓
40	Gen	227°00	743		-	0°45	- 9.7	5.2	-14.9	85.8 ✓
41	Gen on Slope	245°15	800		-	1°45	-18.4	10.2	-28.6	72.1 ✓
42	Gen	223°25	865		-	1°00	-15.1	5.2	-20.3	80.4 ✓
43	Gen	235°10	724		-	1°10	-16.8	8.2	-25.0	75.7 ✓
44	Gen	42°00	273		-	2°15	-10.7	5.2	-15.9	84.8 ✓
45	Gen	227°45	840		-	0°50	-12.2	5.2	-17.4	83.3 ✓
46	"	231°00	760		-	1°15	-16.6	5.2	-21.8	78.9 ✓
47	"	56°45	322		-	2°30	-14.0	5.2	-19.2	81.5 ✓
48	Gen on W. Slope	85°00	131		-	4°20	- 9.9	5.2	-15.1	85.6 ✓
49	Top Knoll Gen.	270°00	218					9.0		91.0 ✓
50	Gen W. Slope	40°00	300		-	2°20	-12.2	5.2	-17.4	83.3 ✓
51	" " "	59°00	198		-	3°20	-11.5	5.2	-16.7	84.0 ✓
52	Gen Ea. Slope	295°20	240		-	2°20	- 9.8	5.2	-15.0	85.7 ✓
53	Gen " "	283°45	315		-	2°15	-12.4	5.2	-17.6	83.1 ✓

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 Date 11/27/31 Rec. W. H. 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	Rod Equiv.				
	At 06 corint										
54	Gen on Ea. Slope	276°00	360		-	2°45	-17.2	5.2	-22.4	878.3	✓
55	" " " "	286°35	415		-	2°45	-20.0	5.2	-25.2	75.5	✓
56	Gen on SW Slope	23°40	302		-	2°15	-11.8	5.2	-17.0	83.7	✓
57	Gen on Ea. Slope	300°40	381		-	2°35	-17.1	5.2	-22.3	78.4	✓
58	" " " "	282°10	152		-	3°25	-9.0	5.2	-14.2	86.5	✓
59	Gen on SW Slope	16°00	315		-	1°30	-8.2	8.2	-16.4	84.3	✓
60	Gen on F	313°00	215		-	4°30	-16.8	5.2	-23.0	77.7	✓
61	Gen. SE Slope	312°00	352		-	3°15	-19.9	5.2	-25.1	75.6	✓
62	Gen. on So. Slope	2°30	330		-	1°55	-11.0	11.2	-22.2	78.5	✓
63	Gen. SE Slope	327°10	325		-	4°15	-24.0	5.2	-29.2	71.5	✓
64	Gen. SE Slope	338°45	311		-	3°35	-19.4	5.2	-24.6	76.1	✓
	At 07A <u>886.1</u> , H.I. 5.0										
	To 06 (7)	18°08	620								
	CK Az. To Top s/o SE	276°30									
	To 08										
1	Gen toe slope	237°00	173		-	5°15	-10.8	5.0	-15.8	870.3	✓

Page... 23... Transit..... Obs. *W. H. H. H.* Line.....
 Date... *11/27/31*... Rec. *W. H. H. H.*.....

	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				
	<i>At 07A</i>									
2	Gen on Top Knoll	0° 40	30				5.2		880.9	✓
3	" Toe slope	207° 00	210		-	3° 35	13.1	5.0	-18.1	68.0 ✓
4	Gen " "	186° 45	277		-	3° 30	12.0	5.0	-17.0	69.1 ✓
5	Gen Low Flats	198° 15	172		-	5° 20	16.0	5.0	-21.0	65.1 ✓
6	Top Knoll Gen	86° 00	35				6.5			79.6 ✓
7	Gen Low Path hole	172° 10	206		-	4° 30	16.1	5.0	-21.1	65.0 ✓
8	Gen Toe slope So.	176° 00	303		-	2° 30	13.2	5.0	-18.2	67.9 ✓
9	Gen Top Knoll	169° 30	21				6.3			79.8 ✓
10	Gen on We slope	169° 35	360		-	1° 30	9.4	5.0	-14.4	71.4 ✓
11	Edge of swam.	156° 20	242		-	3° 15	13.6	5.0	-18.6	67.5 ✓
12	Top Knoll	273° 30	27				6.1			80.0 ✓
13	SE Cor swam.	145° 40	159		-	5° 00	13.8	5.0	-18.8	67.3 ✓
14	Gen.	154° 40	300		-	2° 00	10.4	5.0	-15.4	70.7 ✓
15	On E slope Gen	257° 35	60				11.3			74.8 ✓
16	Gen	141° 00	240		-	1° 35	6.6	5.0	-11.4	74.5 ✓
17	Gen So Edge Swa.	197° 50	110		-	6° 50	13.0	5.0	-18.0	68.1 ✓
18	Gen on No Slope	197° 50	58				11.3			74.8 ✓

Page 24 Transit 44212 Obs. Weber Line

Date 4/27/91 Rec.

	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 STA Cent										
19	Gen	135°00	156		-	4°50	-13.1	5.0	-18.1	86.80	✓
20	Gen on slope	152°00	76					12.1		74.0	✓
21	Gen on W side ditch	256°00	190		-	4°00	-13.2	5.0	-18.2	67.9	✓
22	Gen on slope	96°45	135		-	2°35	-6.1	5.0	-11.1	75.0	✓
23	Gen on W slope	96°45	60					12.0		74.1	✓
24	Gen Top slope W	56°20	130		-	7°45	-17.4	5.0	-22.4	63.7	✓
25	Gen SW. slope	35°45	59					12.1		74.0	✓
26	Gen E & W Fe.	32°00	175		-	5°45	-17.4	5.0	-22.4	63.7	✓
27	Bottom Ditch	253°15	202		-	4°45	-16.6	5.0	-21.6	64.5	✓
28	Gen SE Slope	342°20	92					11.7		74.4	✓
29	Gen E & W Fe.	3°45	216		-	3°45	-14.1	5.0	-19.1	67.0	✓
30	Gen Top Ditch Ea.	231°10	213		-	3°45	-13.9	5.0	-18.9	67.2	✓
31	Gen on slope S.	318°30	130					12.0		74.1	✓
32	Gen.	0°00	147		-	5°00	-12.8	5.0	-17.8	68.3	✓
33	" on Ea Slope	273°30	174		-	4°15	-14.3	5.0	-19.3	66.8	✓
34	" " " "	291°00	131		-	5°00	-11.4	5.0	-16.4	69.7	✓
35	A Fe E & W. Gen	351°30	270		-	4°00	-18.8	5.0	-23.8	62.3	✓

Page. 25 Transit. 44919 Obs. Weber Line.
Date. 11/27 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	Rod Equiv.				
AT 07A										
36 Toe of Slope Fe. Gen	351°00	281		-	4°25	-21.6	5.0	-24.6	859.5	✓
37 Gen on Fe Slope	317°15	215		-	4°15	-15.9	5.0	-20.9	65.2	✓
38 15" Elm	300°20	248		-	4°30	-19.4	5.0	-24.4	61.7	✓
39 Edge of Lake	351°00	343		-	3°55	-23.4	5.0	-28.4	57.7	✓
40 Gen Top of Slope N. side of lake	291°20	251		-	4°15	-18.6	5.0	-23.6	62.5	✓
41 Gen Toe of Slope at Lake	291°45	265		-	4°45	-21.8	5.0	-26.8	59.3	✓
42 " " " " "	303°25	252		-	4°45	-20.7	5.0	-25.7	60.4	✓
43 Edge Lake	315°50	303		-	4°25	-23.3	5.0	-28.3	57.8	✓
44 Gen Top No Slope	265°25	300		-	3°30	-18.3	5.0	-23.3	62.8	✓
45 Edge Lake	292°15	323		-	4°10	-23.5	5.0	-28.5	57.6	✓
46 Gen Bottom ditch	278°15	305		-	4°10	-22.2	5.0	-27.2	58.9	✓
47 Toe Slope Gen	267°30	315		-	3°50	-21.0	5.0	-26.0	60.1	✓
48 No Edge Lake	274°45	390		-	3°30	-23.8	5.0	-28.8	57.3	✓
49 Gen Top of Slope	253°00	315		-	2°45	-15.2	5.0	-20.2	65.9	✓
50 " " " "	251°00	481		-	2°10	-18.2	5.0	-23.2	62.9	✓
51 Gen " " "	243°00	460		-	1°45	-14.0	5.0	-19.0	67.1	✓
52 Gen Toe " "	252°10	485		-	2.25	-20.5	5.0	-25.5	60.6	✓

Page 26 Transit 44919 Obs. Waher Line
 Date 11/07/31 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			
	AT @ 7A								
53	Edge Lake	266°30	535		-	2°30	-23.4	5.0	-28.4 857.7 ✓
54	Gen on En. Slo.	242°00	575		-	1°25	-14.2	5.0	-19.2 66.9
55	Gen Top of Slope	246°45	622		-	1°45	-19.0	5.0	-24.0 62.1
56	Gen Toe of Slope	248°20	630		-	1°55	-21.1	5.0	-26.1 60.0
	AT @ 8 <u>868.0</u> H.I. = 5.00								
	To 06 (7)	281°03	764						
	OK AZ To Top Silo En	275°55							
	To 09	257°13	815					7.70	860.3
1	Gen. on En Slope	73°00	280					3.1	64.9 ✓
2	" Top of Slope Inside hole	67°00	258			-		5.6	62.4 ✓
3	Gen on En Slope	99°45	211					2.9	65.1 ✓
4	Gen. Toe of Slope	66°30	263					7.7	60.3 ✓
5	Gen. on Slope	108°35	350		+	1°00	+6.1	5.0	+1.1 69.1 ✓
6	Gen " "	96°00	282					0.3	67.7 ✓
7	Gen Top Slope	71°30	90					5.8	62.2 ✓
8	E.W.C. Fr Gen	127°00	320					3.0	65.0 ✓

Page 27 Transit 44919 Obs. W. H. C. Line
 Date 11/27/31 Rec. W. H. C.

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 O 8 cont.									
9 Gen Toe of Slope	115°00	270					2.7		865.2 ✓
10 " " " "	66°30	90					7.6		60.4 ✓
11 Gen Toe of Slope E. W. Fe	140°00	254					7.2		60.8 ✓
12 Gen " " " "	140°00	310					8.4		62.6 ✓
13 " " " " Ed. Swa.	162°00	350					6.4		61.6 ✓
14 " on Slope	157°30	385					2.5		65.5 ✓
15 No Edg. Lake	29°45	290					10.1		57.9 ✓
16 Gen Toe of slope	178°18	548					6.7		61.3 ✓
17 " on Slope	170°30	507					2.5		65.5 ✓
18 No Edg. Lake	11°15	204					10.1		57.9 ✓
19 Gen Toe of Slope	183°00	650					6.8		61.2 ✓
20 " on Slope	178°40	650					1.0		67.0 ✓
21 No Edge Lake	328°15	190					10.1		57.9 ✓
22 Gen. Edge of Swa.	187°15	736					6.4		61.6 ✓
23 " on Slope	182°00	755					0.9		67.1 ✓
24 Gen Top of Slope	257°00	80					5.4		62.6 ✓
25 " Toe " "	267°40	84					8.0		60.0 ✓

Page 28 Transit 44912 Obs. Waher Line
 Date 11/21/31 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				
	At 0.8 cent									
5	Gen. E. & W. Fe.	180°50	240				5.0		863.0	✓
26	" " " "	184°45	222				4.6		63.4	✓
27	" Top of Slope	247°15	157				2.1		59.9	✓
28	" Beg Ditch	191°20	725				7.6		60.4	✓
29	Gen Int. E. & W. N.Y.S. Fe.	190°30	222				5.8		62.2	✓
30	Gen N.Y.S. Fe.	194°00	635				6.8		61.2	✓
31	" In Ditch N.Y.S.	190°00	585				7.4		60.6	✓
32	Int N.Y.S. & E.W. Fe. Gen	220°20	260				7.8		60.2	✓
33	Gen N.Y.S. Fe.	277°15	530				6.7		61.3	✓
34	" In SW	189°30	435				7.7		60.3	✓
35	" E. & W. Fe.	176°40	204				7.9		60.1	✓
36	" In N.Y.S. Ditch	178°30	462				8.2		59.8	✓
37	" E. & W. Fe.	156°00	211				7.5		60.5	✓
38	" In Swamp	183°30	306				7.9		60.1	✓
39	" In N.Y.S. Ditch	271°13	180				9.2		58.8	✓
40	End N.Y.S. Ditch	271°30	156				8.8		59.2	✓
41	Gen Toe of Slope	207°00	50				2.1		60.9	✓

Page. 29. Transit. 44919. Obs. W. A. H. K. Line.
 Date. 11/27/31. 12/1/31. Rec. W. A. H. 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				
42	Gen 111 S.W.	198°50	122	1			7.9		860.1	✓
43	" " "	145°10	134				7.5		60.5	✓
44	" Top of Slope	101°00	116				7.9		60.8	✓
	At 09 <u>865.7</u> H.I.	5.3								
	To 08	257°13	815							
	OK Az to Top S. 1/2 SE.	316°04								
	To 010	162°12	740		+ 1°20	+17.2	5.3	+11.9	877.6	
1	Edge Lake	66°50	406				7.8		57.9	✓
2	Gen E. & W. Fe.	92°05	517				6.0		59.7	✓
3	Edge Lake	46°55	315				7.7		58.0	✓
4	Gen E. & W. Fe.	93°20	345				6.4		59.3	✓
5	Edge Lake	20°35	335				7.8		57.9	✓
6	Gen.	347°20	306				6.3		59.4	✓
7	"	4°00	305				7.3		58.4	✓
8	Gen E. & W. Fe.	101°30	111				7.1		58.6	✓
9	Gen	25°00	178				7.7		58.0	✓
10	"	347°40	181				5.6		60.1	✓

Page 30 Transit 14919 Obs. W. L. K. Line

Date 12/1/31 Rec. W. L. 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	Rod Equiv.			
	At 09 cont.									
11	Gen.	59°00'	74					6.8		858.9 ✓
12	Gen on slope	326°35'	243					1.2		64.5 ✓
13	" " "	323°30'	93					3.3		62.4 ✓
14	Gen on E. & W. Fe to slope	251°25'	71					2.6		63.1 ✓
15	Gen on slope	292°00'	129		+	2020	+ 5.3	5.3	0.0	65.7 ✓
16	Gen on "	306°10'	215		+	1015	+ 4.7	5.3	-0.6	65.1 ✓
17	" " E & W Fe	257°45'	112		+	9°45'	+ 9.2	5.3	+3.9	69.6 ✓
18	Gen on slope	289°00'	160		+	3°15'	+ 9.1	5.3	+3.8	69.5 ✓
19	Gen on slope	300°30'	232		+	2°15'	+ 9.1	5.3	+3.8	69.5 ✓
20	" " "	283°50'	185		+	6°20'	+ 20.3	5.3	+15.0	80.7 ✓
21	" E & W Fe	261°30'	161	156	+	9°55'	+ 27.3	5.3	+22.0	87.7 ✓
22	Gen on slope	294°30'	230		+	9°45'	+ 18.9	5.3	+13.6	79.3 ✓
23	Gen on E & W Fe	263°20'	217	211	+	9°15'	+ 34.4	5.3	+29.1	94.8 ✓
24	Gen on slope	283°30'	232		+	6°00'	+ 24.0	5.3	+20.7	86.4 ✓
25	" " " Top K	230°00'	145	140	+	11°15'	+ 27.9	5.3	+22.6	88.3 ✓
26	" " "	231°50'	250	241	+	11°15'	+ 48.0	5.3	+42.7	908.4 ✓
27	" " "	201°25'	180		+	6°40'	+ 20.8	5.3	+15.5	881.2 ✓

Page... 21... Transit... 44919... Obs... W. L. R... Line...
 Date... 12/1/31... Rec... W. L. R...

	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 09 o'clock									
28	Gen on Slope	231° 20	367	355	+	10° 05	+ 63.0	5.3	+57.7	923.4 X
29	" " " Top	185° 00	267		+	2° 00	+ 9.3	5.3	+4.0	869.7 ✓
30	" " " Top	210° 15	250		+	8° 15	+ 35.5	5.3	+30.2	895.9 ✓
31	Gen on Slope Top Knoll	225° 10	552	541	+	11° 15	+ 97.0	5.3	+91.7	957.4 ✓
32	Gen on " Top	172° 20	240					2.6		863.1 ✓
33	No 1 So Fe Gen Top slope	220° 00	572	550	+	11° 00	+ 107.0	5.3	+101.7	967.4 ✓
34	Gen on slope Top	186° 00	111					4.6		861.1 ✓
35	No 1 So Fe Gen	205° 30	630	615	+	9° 30	+ 102.0	5.3	+96.7	962.4 ✓
36	Gen on Slope	203° 00	275		+	6° 00	+ 28.6	5.3	+23.3	889.0 ✓
37	" " " "	200° 00	308		+	6° 10	+ 33.0	5.3	+27.8	893.5 ✓
38	Gen on No 1 So Fe Line	198° 00	693		+	7° 35	+ 9.1	5.3	+3.8	869.5 ✓
39	Gen on slope	175° 00	335		+	1° 10	+ 6.8	5.3	+1.5	867.2 ✓
40	" " " "	197° 40	340		+	5° 10	+ 30.5	5.3	+25.2	890.9 ✓
41	" " " "	191° 30	650		+	6° 15	+ 70.1	5.3	+64.8	930.5 ✓
42	" " " "	191° 30	365		+	6° 15	+ 39.5	5.3	+34.2	899.9 ✓
43	" " " "	166° 15	448		+	1° 00	+ 7.8	5.3	+2.5	868.2 ✓
44	" " " "	185° 50	565		+	5° 00	+ 49.1	5.3	+43.8	909.5 ✓

Page 32 Transit 44919 Obs. W. E. L. H. Line
 Date 12/1/21 Rec. W. E. L. H.

	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 09 cont										
45	Gen on Slope	185°50	440		+	5°30	+41.9	5.3	+36.6	902.3	✓
46	" " "	159°00	540					0.0		865.7	✓
47	Gen on We Slope	178°30	482		+	4°45	+39.7	5.3	+34.4	900.1	✓
48	" " " "	204°30	508		+	7°30	+65.8	5.3	+60.5	926.2	✓
49	" " Slope	154°00	666					0.0		865.7	✓
50	Gen on Slope	203°25	375	365	+	10°00	+64.1	5.3	+58.8	924.5	✓
51	" " "	181°00	544		+	5°05	+48.1	5.3	+42.8	908.5	✓
52	Gen on Top Slope	198°00	680					3.1		862.6	✓
53	Gen in Flats	164°15	184					5.3		60.4	✓
54	Gen on Slope	161°00	456					2.6		63.1	✓
55	Gen in Flats	149°00	518					5.1		60.6	✓
56	" " "	118°35	257					8.0		57.7	✓
57	Gen Flats	136°15	440					6.2		59.5	✓
58	" " "	105°10	465					6.0		59.7	✓
59	Gen " "	123°00	564					5.5		60.2	✓
60	Gen " "	128°00	686					5.2		60.5	✓
61	Gen Top of Knoll	135°00	610					2.1		63.6	✓

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Date 12/1/31 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			
	At 09 cent								
62	Gen	191°30	732				5.2		860.5
	At 010 (883.5) H.I.	50							
	To 09	162°12	737						
	Ch Az Top Flagpole Mel. Club.	3°16							
	To 011	107°09	582				8.7		874.8
1	Gen on Eq. Slope	280°30	181		+	6°15	+19.6	5.0	+14.6 898.1 ✓
2	" " " "	283°30	340		+	7°45	+45.5	5.0	+40.5 924.0 ✓
3	" " " "	241°50	193		+	8°45	+29.0	5.0	+24.0 907.5 ✓
4	" " " "	268°10	364		+	10°15	+63.5	5.0	+58.5 942.0 ✓
5	" " " " Bay No. 50 Fe	280°10	78		+	5°15	+71	5.0	+2.1 885.6 ✓
6	Gen on No. 4 So Fe	261°00	121	418	+	10°00	+72.0	5.0	+67.0 950.5 ✓
7	Gen on Eq Slope	217°50	272		+	6°40	+31.4	5.0	+26.4 909.9 ✓
8	" At 8 So Fe	247°30	378	367	+	10°10	+66.0	5.0	+61.0 944.5 ✓
9	Gen on Slope No So Fe	221°00	107		+	5°25	+10.0	5.0	+5.0 888.5 ✓
10	Gen " " NY So Fe	240°40	441		+	9°50	+73.9	5.0	+68.9 952.4 ✓
11	" " " "	212°50	305	429	+	5°00	+26.5	6.0	+20.5 904.0 ✓
12	" " " NY So	211°00	137		+	5°40	+13.3	5.0	+8.3 891.8 ✓

Page 34 Transit 44919 Obs. W. L. H. C. Line
 Date 12/1/31 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			
	At 0 10 cont								
13	Gen on Ea Slope	234°45	372	363	+	9°30	+60.1	5.0	+55.1 938.6 ✓
14	"	219°50	380		+	6°20	+41.7	5.0	+34.7 920.2 ✓
15	" on No Y So Fe	200°00	204		+	3°10	+11.2	5.0	+6.2 889.7 ✓
16	" on " "	226°10	422		+	7°35	+55.1	5.0	+50.1 933.6 ✓
17	Gen on Slope	219°50	380		+	6°20	+41.7	5.0	+36.7 922.0 ✓
18	" on NY So Fe	227°30	482		+	7°35	+63.0	5.0	+58.0 941.5 ✓
19	" " " " "	171°45	325					4.9	878.6 ✓
20	Gen on Slope	216°45	470		+	7°05	+57.3	5.0	+52.3 935.8 ✓
21	" " " "	206°45	500		+	5°30	+47.8	5.0	+42.8 926.3 ✓
22	" " " NY So Fe	288°00	442		+	1°00	+7.7	5.0	+2.7 886.2 ✓
23	" " Slope	205°20	552		+	4°35	+44.0	6.0	+38.0 921.5 ✓
24	" " " "	199°40	505		+	3°00	+26.4	5.0	+21.4 904.9 ✓
25	" " " No Y So Fe	185°30	585		+	2°45	+28.1	5.0	+23.1 906.6 ✓
26	" " " "	210°20	555		+	5°45	+55.2	5.0	+50.2 933.7 ✓
27	" " " "	196°30	585		+	3°45	+38.1	5.0	+33.1 916.6 ✓
28	Gen " " No Y So Fe	219°30	535		+	7°15	+65.5	5.0	+60.5 944.0 ✓
29	" No Y So Y Eq. W. Fe. Cor.	184°45	640		+	2°45	+30.7	5.0	+25.2 908.7 ✓

Page 35 Transit 44919 Obs. W. L. K. Line
 Date 12/1/31 Rec. W. L. 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	Rod Equiv.				
	<u>At 0 10 cont</u>										
30	Gen No x So Fe	213° 25	585		+	6° 15	+ 63.2	5.0	+58.2	941.7	✓
31	Gen Ea. & We. Fe	197° 00	665		+	3° 55	+ 45.3	5.0	+40.3	923.8	✓
32	Gen on Slope	208° 35	642		+	6° 10	+ 68.8	5.0	+63.8	947.3	✓
33	Gen Ea. & We. Fe	207° 30	733		+	6° 10	+ 78.8	5.0	+73.8	957.3	✓
34	Gen Ea. & We. Fe	212° 25	700		+	6° 05	+ 73.9	5.0	+68.9	952.4	✓
35	Gen So. Ea. Fe. Cor.	219° 10	692		+	7° 25	+ 88.7	5.0	+83.7	967.2	✓
36	" Fe Cor.	213° 05	770		+	6° 10	+ 82.1	6.0	+76.1	959.6	✓
37	Gen on Slope	175° 25	417					9.4		874.1	✓
38	Gen Ea. & We. Fe	176° 45	635		+	1° 45	+ 19.4	5.0	+15.4	898.9	✓
39	Gen on Slope	176° 00	555		+	1° 30	+ 14.6	5.0	+9.6	893.1	✓
40	Gen Ea. & We. Fe	168° 15	643		+	1° 00	+ 11.2	5.0	+6.2	889.7	✓
41	Gen on Slope	165° 00	560		+	0° 45	+ 7.8	5.0	+2.3	885.8	✓
42	" " "	151° 30	495		-	1° 35	- 12.3	5.0	-17.3	866.2	✓
43	" " "	153° 30	550					10.2		873.3	✓
44	Gen Ea. & We. Fe Line	154° 10	705					3.1		880.4	✓
45	Gen on Slope	139° 20	488		-	1° 15	- 10.6	5.0	-15.6	867.9	✓
46	" " "	149° 00	662					7.3		876.2	✓

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 Date 12/1/31 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	Rod Equiv.				
17	Gen. Int. No. 4 So. & E. We Fe.	145° 15'	772					3.5		880.0	✓
48	Gen. on No. & So. Fe	138° 20'	662					8.6		74.9	✓
49	" " " " "	128° 25'	550		-	1005	-10.4	5.0	-15.4	68.1	✓
50	Gen. " " " Fe	114° 30'	470		-	1020	-10.9	5.0	-15.9	67.6	✓
51	" " " " "	101° 45'	435		-	1035	-12.0	5.0	-17.0	66.5	✓
52	Gen. in low land.	120° 00'	495		-	2000	-17.3	5.0	-22.3	61.2	✓
53	" " " "	91° 30'	348		-	3000	-18.2	5.0	-23.2	60.3	✓
54	" " " "	108° 15'	340		+	3000	-17.8	5.0	-22.8	60.7	✓
55	" " " "	130° 00'	310		-	3015	-17.6	5.0	-22.6	60.9	✓
56	" " " "	87° 25'	242		-	4030	-18.9	5.0	-23.9	59.6	✓
57	" " " "	105° 25'	212		-	4050	-17.8	5.0	-22.8	60.7	✓
58	Gen. Tie slope	160° 30'	272		-	2050	-13.4	5.0	-18.4	65.1	✓
59	" " " "	124° 45'	139		-	7000	-16.8	5.0	-21.8	61.7	✓
60	" " " "	76° 30'	120		-	8030	-17.7	5.0	-22.7	60.8	✓
61	Gen. on slope	170° 00'	101					9.0		74.5	✓
62	" " " "	357° 45'	72					8.9		74.6	✓
63	" " " "	30° 35'	135		-	5020	-12.5	5.0	-17.5	66.0	✓

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 Date 12/1/31 Rec. Willke

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				
14 Gen. on Flats	45030	216		-	495	-16.6	5.0	-21.6	861.9
A to 11 <u>879.9</u> H.I. 5.0									
To 010	107009	582							
Ch A2 to Top Flaggpole Rd club	359°35'30								
To 012	197°53	694							
1 Gen. on Wc. slope	286°35	67				7.7		872.2	✓
2 Gen. on top slope	342°00	121				7.4		70.5	✓
3 " " " "	221°15	93				7.7		72.2	✓
4 Gen. Toe slope	327°35	220		-	3°00	-11.5	5.0	-16.5	63.4 ✓
5 Gen. top slope	20°00	92				8.6		71.3	✓
6 Gen. Toe slope	207°20	166				12.2		67.7	✓
7 " " " "	353°05	207		-	2°45	-9.9	5.0	-14.9	65.0 ✓
8 Gen.	178°20	166				10.7		69.2	✓
9 "	122°30	115				12.0		67.9	✓
10 " Toe slope	21°05	182				14.5		65.4	✓
11 Gen on slope	155°00	55				9.2		70.7	✓

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 Date 12/1/31 Rec. W. H. K.

	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE			READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM	
					Up+	No. of Int.	Rod Equiv.				
					Down-	or Angle					
	At 0 11 cont										
12	Gen on slope	94°05'	125					10.2		869.7	✓
13	"	60°10'	178					12.8		67.1	✓
14	Gen on So slope	191°00'	275					9.1		70.8	✓
15	Gen on slope	78°10'	67					8.7		71.2	✓
16	Gen Top slope	188°15'	384					1.8		78.1	✓
17	Gen on E.W. Fe & 10' Oak	186°15'	465					2.3		77.6	✓
18	Gen N. & S. Fe Line	127°45'	185					12.3		67.6	✓
19	2 Line E & W Ditch	38°45'	182			- 3°35'	- 11.4	5.0	- 16.4	63.5	✓
20	10' W. Oak & E.W. Fe.	183°15'	465					5.5		74.4	✓
21	Gen N & S Fe. Line	152°10'	257					13.0		66.9	✓
22	2 Ditch 2 point	66°00'	220					14.7		65.2	✓
23	12" Oak	81°45'	462					6.5		73.4	✓
24	Gen on N. & S. Fe.	163°30'	330					12.3		67.6	✓
25	2 E & W Ditch	80°25'	289					14.2		65.7	✓
26	Gen & Int E.W. & N & S Fe	172°20'	466					10.7		69.2	✓
27	Gen in Low Flats	166°15'	418					12.0		67.9	✓
28	Gen on E. & W. Fe.	160°10'	497					9.2		70.7	✓

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	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE		READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM	
					Up+	No. of Int. Down- or Angle				
	<u>At 0 11 cont.</u>									
29	Gen in Low Flats	154°00	350				12.2		867.7	✓
30	Gen & E & We Fe Li.	148°30	545				7.1		728	✓
31	Gen in Swamp	89°00	303				13.0		669	✓
32	" " "	133°45	360				12.3		676	✓
33	Gen. Top Knoll	141°15	470				7.3		726	✓
34	Gen " "	112°30	307				10.5		694	✓
35	Gen in Swamp	130°50	464				12.5		674	✓
36	" " "	129°15	300				12.4		675	✓
37	" " "	114°40	362				12.5		674	✓
38	Gen Toe slope	135°30	550				11.7		682	✓
39	Gen in Swamp	104°00	280				12.7		672	✓
40	" " "	125°30	526				12.8		671	✓
41	End of E & W Ditch	96°40	585				14.0		65.9	✓
42	Gen. in Swamp.	122°15	432				13.3		66.6	✓
43	" Toe slope	56°15	250				12.6		67.3	✓
44	Gen on slope	76°15	363				9.3		70.6	✓
45	" in Swamp	104°00	430				13.2		66.7	✓

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	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE			READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
					Up+	No. of Int.	Rod			
					Down-	or Angle	Equiv.			
	At $\odot$ 11 cont									
46	Gen on We. Slope	54°10	390					7.6		872.3 ✓
47	" on No Slope Top	37°00	221					12.0		67.9 ✓
48	" on No Slope	28°15	215					6.6		73.3 ✓
49	" Top No Slope	12°35	212					12.7		67.2 ✓
50	Gen on Slope	10°00	315					5.9		74.2 ✓
51	Gen Top Hill	311°30	25					5.2		74.7 ✓
	At $\odot$ 12 <u>887.0</u> H.I. 5.1									
	To $\odot$ 11	197°53	694							
	CK Ax to Top Flagpole Bel. Chub	0°54								
	To $\odot$ 13	192°13	830							
1	Gen. on We. Slope	46°10	50					10.6		876.4 ✓
2	Gen. on Nat. S. Fe.	35°35	158					6.9		80.1 ✓
3	Gen Top We Slope	119°30	72					11.9		75.1 ✓
4	Gen. No. S. Fe	54°45	118					14.0		73.0 ✓
5	Gen on Slope	13°20	122					9.0		78.0 ✓
6	Gen on No. Slope	160°35	104					10.6		76.4 ✓
7	Gen Nat. S. Fe	115°00	110					12.5		74.5 ✓

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 Date. 12/1/31. Rec. W. C. H.

	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 012 cont									
8	Gen on slope.	215° 15'	123					9.1		877.9 ✓
9	Int. E.W. & NG Fe 12" Oak	139° 35'	158					11.7		75.3 ✓
10	Gen on slope	291° 00'	112					6.8		80.2 ✓
11	Gen on E. & W. Fe	122° 20'	220		-	3° 15'	-12.4	5.1	-17.5	69.5 ✓
12	Gen on slope	108° 30'	166		-	3° 55'	-11.3	5.1	-16.4	70.6 ✓
13	" " "	311° 30'	158					4.5		82.5 ✓
14	Gen. on E. & W. Fe.	110° 15'	331		-	2° 25'	-14.0	5.1	-19.1	67.9 ✓
15	" Top slope	64° 48'	160		-	4° 15'	-11.8	5.1	-14.9	70.1 ✓
16	" Top Knoll	43° 00'	193					8.3		78.7 ✓
17	" E. & W. Fe. Line	105° 00'	435		-	1° 45'	-13.3	5.1	-18.4	68.6 ✓
18	" Top Knoll	317° 10'	104					3.2		83.8 ✓
19	Gen Top slope	56° 45'	242		-	3° 00'	-12.6	5.1	-17.7	69.3 ✓
20	" Top Knob	94° 15'	495		-	1° 05'	-9.4	5.1	-14.5	72.5 ✓
21	" " "	272° 00'	66					4.2		82.8 ✓
22	Gen in low spot	60° 00'	320		-	2° 30'	-14.0	5.1	-19.1	67.9 ✓
23	Gen Top Knoll	82° 20'	517		-	1° 10'	-10.5	5.1	-15.6	71.4 ✓
24	" Top slope	67° 00'	400		-	1° 45'	-12.2	5.1	-17.3	69.7 ✓

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 Date 12/1/21 Rec. W. H. H. H.

	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 0 12 amt									
25	Gen Top Knoll	74° 30	478		-	1010	- 9.8	5.1	-14.9	872.1 ✓
26	Gen 1	78° 55	417		-	1235	- 11.5	5.1	-16.6	70.4 ✓
27	10" Willow	69° 00	322		-	2030	- 14.0	5.1	-19.1	67.9 ✓
28	Gen. in Low spot	90° 15	365		-	2000	- 12.8	5.1	-17.9	69.1 ✓
29	12" Cottonwood	81° 10	338							
30	Gen in Low spot	101° 30	305		-	2035	- 13.8	5.1	-18.9	68.1 ✓
31	" " " "	82° 00	215		-	3030	- 13.2	5.1	-18.3	68.7 ✓
32	" " " "	104° 00	211		-	3020	- 12.2	5.1	-17.3	69.7 ✓
33	Gen toe slope	127° 00	282		-	2045	- 13.5	5.1	-18.6	68.4 ✓
34	Gen on " "	108° 10	512					13.2		73.8 ✓
35	" " " "	116° 00	545					13.8		73.2 ✓
36	Gen 1 16" Willow	125° 25	373		-	2010	- 14.1	5.1	-19.2	67.8 ✓
37	" toe slope	131° 10	342		-	2015	- 13.4	5.1	-18.5	68.5 ✓
38	" toe slope	136° 35	415		-	1050	- 13.3	5.1	-18.4	68.6 ✓
39	Gen on Ea & We Ec	131° 20	464		-	1045	- 14.2	5.1	-19.3	67.7 ✓
40	" " " " "	125° 00	533					14.2		72.8 ✓
41	" toe slope	121° 00	465		-	1040	- 13.6	5.1	-18.7	68.3 ✓

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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 012 cont.									
42 Gen on Eq & We Fe	15° 15	347					9.8		877.2 ✓
43 Gen. & Int. E.W.N.S. Fe	13° 40	320					8.3		78.7 ✓
44 Gen 12" B Oak.	153° 35	260					7.9		79.1 ✓
45 Gen Top Knoll	147° 00	266					7.5		79.5 ✓
46 Gen on N.Y.S. Fe	162° 25	381					10.3		76.7 ✓
47 Gen on Slope	155° 15	404					12.1		74.9 ✓
48 Gen on Slope	145° 45	430		-	1° 20	-10.0	5.1	-15.1	71.9 ✓
49 Gen & Int N.Y.S. & E.W. Fe.	164° 35	441					10.2		76.8 ✓
50 Gen Ea. & We. Fe Line	154° 25	474					13.6		73.4 ✓
51 " " & We Fe.	145° 45	512		-	1° 25	-12.6	5.1	-17.7	69.3 ✓
52 Gen on Slope	130° 10	543					13.6		73.4 ✓
53 Gen on Eq & We Fe	132° 50	622					12.1		74.9 ✓
54 Gen. on Slope	125° 00	605					9.2		77.8 ✓
55 Gen on E & We Fe	144° 30	675					9.4		77.6 ✓
56 " on Slope	144° 00	625					13.0		74.0 ✓
57 Gen on Eq & We Fe	153° 35	634					12.3		74.7 ✓
58 " " Slope	152° 35	555					15.0		72.0 ✓

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	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE			READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
					Up+	No. of Int. Down- or Angle	Rod Equiv.			
	At 012 cont									
59	Gen on Ea & We Fe.	156° 35'	604					12.5		874.5 ✓
60	" on No & So Fe	166° 15'	486					8.5		78.5 ✓
61	Gen on Slope	160° 00'	535					11.3		75.7 ✓
62	Gen & Int. No & So & Ea & We Fe	168° 03'	565					1.2		85.8 ✓
63	Gen on Slope	171° 35'	467					9.0		78.0 ✓
64	" " "	175° 15'	550					4.7		82.3 ✓
65	Gen No & So & Ea & We Fe Int	170° 00'	680					3.5		83.5 ✓
66	Gen on Slope	182° 10'	452					7.8		79.2 ✓
67	" " "	182° 10'	545					2.7		84.3 ✓
68	" " "	175° 35'	615					2.7		84.3 ✓
69	" " "	191° 30'	465					5.7		81.3 ✓
70	" " "	191° 30'	552					4.0		83.0 ✓
71	Gen Ea & We Fe Line	184° 00'	682					1.0		86.0 ✓
72	Gen on Slope	199° 25'	478					3.3		83.7 ✓
73	" " "	201° 25'	583					0.0		87.0 ✓
74	" Ea & We Fe Line	194° 45'	710		+ 0° 30'	+ 6.2		5.1	+ 1.1	88.1 ✓
75	Gen on Slope	200° 00'	380					5.1		81.9 ✓

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	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>At 0 12 oint</u>									
76	Gen on Slope	199°25	635		+	0°45	+ 8.3	5.1	+3.2	890.2 ✓
77	Gen on Ea & We Fe	198°45	700		+	0°45	+ 9.1	5.1	+4.0	891.0 ✓
78	Gen on Slope	200°30	310					5.4		881.6 ✓
79	Gen on S.E. Fe Cor.	200°30	685		+	1°00	+ 12.0	5.1	+6.9	893.9 ✓
80	Gen on N.E. Cor E.W.	200°25	738		+	1°15	+ 16.2	5.1	+11.1	898.1 ✓
81	Gen on slope	216°15	295					3.1		883.9 ✓
82	Gen on Ea & We Fe.	206°30	709		+	1°35	+ 19.6	5.1	+14.5	901.5 ✓
83	Gen on Slope	206°23	660		+	1°38	+ 18.8	5.1	+13.7	900.7 ✓
84	" " "	208°50	583		+	1°55	+ 19.6	5.1	+14.5	901.5 ✓
85	" " "	210°30	685		+	3°04	+ 36.7	5.1	+31.6	918.6 ✓
86	" " Trislope	229°50	220					4.2		882.8 ✓
87	Gen on Slope	215°15	624		+	3°35	+ 39.0	5.1	+33.9	920.9 ✓
88	" " "	214°05	717		+	3°25	+ 42.6	5.1	+37.5	924.5 ✓
89	" " "	212°00	192					7.1		879.9 ✓
90	" " "	180°00	185					9.4		877.6 ✓
91	" " "	219°15	712		+	4°30	+ 55.9	5.1	+50.8	937.8 ✓
92	" " "	222°20	672		+	4°40	+ 54.6	5.1	+49.5	936.5 ✓

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	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 012 cont									
73	Gen on slope	243°30	186				7.0		880.0	✓
74	Gen on slope	229°20	736		+	4°45	+60.9	5.1	+55.8	942.8 ✓
75	" " "	218°55	527		+	2°50	+25.9	5.1	+20.8	907.8 ✓
76	Gen on Slope	252°10	232				3.8			883.2 ✓
77	Gen on No & So Fe	231°30	815		+	4°50	+68.5	5.1	+63.4	950.4 ✓
78	Gen. Top We Slope	271°35	260		+	1°35	+7.2	5.1	+2.1	889.1 ✓
79	Gen. on Slope	236°40	572		+	3°35	+35.6	5.1	+30.5	917.5 ✓
100	Gen on No & So Fe	237°15	760		+	5°30	+70.3	5.1	+65.2	952.2 ✓
101	Gen on Slope	231°30	612		+	4°35	+48.9	5.1	+43.8	930.8 ✓
102	" on " "	237°20	678		+	5°15	+61.8	5.1	+56.7	943.7 ✓
103	Gen Top slope	291°50	280		+	1°30	+7.3	5.1	+2.2	889.2 ✓
104	" No & So Fe	242°30	718		+	6°00	+74.8	5.1	+69.7	956.7 ✓
105	" on Slope	242°30	545		+	5°05	+48.0	5.1	+42.9	929.9 ✓
106	" " "	250°30	620		+	5°35	+60.0	5.1	+54.9	941.9 ✓
107	" " "	254°30	570		+	4°30	+40.2	5.1	+34.9	921.9 ✓
108	" No & So Fe	257°35	665		+	6°05	+70.0	5.1	+64.9	951.9 ✓
109	Gen Top slope	308°55	220				2.7			884.3 ✓

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	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 0										
110	Gen on slope	260°20	572		+	5°00	+49.7	5.1	+44.6	931.6	✓
111	" " "	267°55	496		+	4°55	+42.5	5.1	+37.4	924.4	✓
112	" " "	267°55	171					3.7		883.3	✓
113	Gen No 4 S. Fe	267°55	648		+	6°17	+70.1	5.1	+45.0	952.0	✓
114	Gen on slope	270°30	577		+	5°25	+54.1	5.1	+49.0	936.0	✓
115	Gen " "	282°00	578		+	5°10	+46.4	5.1	+41.3	928.3	✓
116	Gen " "	277°20	570		+	5°45	+56.9	5.1	+51.8	938.8	✓
117	" " "	259°50	377		+	4°45	+31.1	5.1	+26.0	913.0	✓
118	" Top Ridge	271°30	425		+	5°30	+40.6	5.1	+35.5	922.5	✓
119	Gen on slope	282°20	4160		+	4°35	+36.6	5.1	+31.5	918.5	✓
120	" " "	282°20	620		+	5°30	+59.0	5.1	+53.9	940.9	✓
121	Gen Int E & W N 1 S Fe	286°15	683		+	6°00	+71.0	5.1	+65.9	952.9	✓
122	Gen Top Ridge	288°00	420		+	4°30	+32.9	5.1	+27.8	914.8	✓
123	" " "	246°55	364		+	4°05	+25.8	5.1	+20.7	907.7	✓
124	Gen " "	218°10	375		+	2°05	+13.6	5.1	+8.5	895.5	✓
125	" " slope	233°00	420		+	4°05	+29.8	5.1	+24.7	911.7	✓
126	" " "	208°10	360		+	1°25	+8.9	5.1	+3.8	890.8	✓

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 Date 12/2/91 Rec. W.H.K.

	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE			READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
					Up+	No. of Int.	Rod			
					Down-	or Angle	Equiv.			
	At O #13 <u>915.5</u> H.I. 5.2									
	To O #12	192°13	130							
	CK 12 to Top Elagado Rd club	1°47'								
	To O #14	183°01	513							
	Gen NW Fe Cor.	123°50	130		-	5°35	-13.4	5.0	-18.4	897.1 ✓
1	Gen 6 NW Fe	84°00	127	<u>125</u>	-	10°30	-23.1	5.0	-28.1	887.4 ✓
2	Gen toe slope	84°00	73	<u>71</u>	-	11°00	-13.6	5.0	-18.6	896.9 ✓
3	Gen on slope	84°00	40					11.0		904.5 ✓
4	Center Trans Tower 14x14	33°00	51		-	10°30	-9.0	5.2	-14.2	901.3 ✓
5	Gen on slope	144°20	33					3.8		911.7 ✓
6	Gen SW Fe Cor	41°50	172		-	8°00	-23.8	5.2	-29.0	886.5 ✓
7	Gen toe slope	41°50	115	<u>111</u>	-	11°45	-22.0	5.2	-27.2	888.3 ✓
8	Gen East We Fe	148°10	88					6.9		908.6 ✓
9	" " " "	355°00	125	<u>122</u>	-	9°25	-20.3	5.2	-25.5	890.0 ✓
10	" toe slope	347°35	113	<u>110</u>	-	10°00	-19.4	5.2	-24.6	890.9 ✓
11	" E & W Fe	219°45	100		+	7°45	+13.4	5.2	-18.6	896.9 ✓
12	" toe slope	312°45	89		-	7°30	-11.6	5.2	-16.8	898.7 ✓

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Date. 12/1/31. Rec. W. 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				
At 0.13 cent									
13 Gen. E & W Fe	243° 25'	176		+	5° 30'	+16.8	5.2	+11.6	927.1 X
14 Gen. E & W Fe	308° 35'	271					0.3		915.2 ✓
15 Gen. on Slope	248° 05'	191		+	4° 30'	+11.0	5.2	+5.8	921.3 ✓
16 " " "	264° 35'	105					6.0		909.5 ✓
17 " E & W Fe	295° 00'	382		+	1° 55'	+12.7	5.2	+7.5	923.0 ✓
18 " on Slope	266° 40'	230		+	4° 20'	+17.4	5.2	+12.2	927.7 ✓
19 Int. E & W & N. S. Fe	289° 00'	478		+	3° 10'	+26.4	5.2	+21.2	936.7 ✓
20 Gen. on Slope	287° 45'	192					0.6		914.9 ✓
21 We. End Group 18 6" Trees	321° 40'	195		-	3° 30'	-11.8	5.2	-17.0	898.5 ✓
22 Gen. on Slope	305° 00'	172					6.4		909.1 ✓
23 Gen. N & S Fe	297° 10'	510		+	3° 50'	+34.0	5.2	+28.8	944.3 ✓
24 Ea. End Trees & Gen	298° 05'	300					4.1		911.4 X
25 Gen. on Slope	295° 00'	310		+	1° 15'	+6.7	5.2	+1.5	917.0 X
26 " " "	302° 15'	415		+	2° 55'	+21.1	5.2	+15.9	931.4 ✓
27 " " "	286° 30'	405		+	2° 15'	+15.9	5.2	+10.7	926.2 ✓
28 Gen. & 24" Tree	291° 35'	346							
29 Gen. on Slope	309° 00'	340		+	3° 00'	+17.8	5.2	+12.6	928.1 ✓

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 Date 12/2/31 Rec. W.H.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	Rod Equiv.				
	At 013 cont										
30	Gen on slope	274°35	350		+	3°05	+18.8	5.2	+13.6	929.1	✓
31	Middle of Coulee	306°00	242					12.6		902.9	✓
32	Gen No. S. Fe	279°20	455		+	3°15	+25.7	5.2	+20.5	936.0	✓
33	Gen Top Ridge	308°00	230					2.4		913.1	✓
34	Gen & No. S. Fe	267°00	450		+	4°45	+37.1	5.2	+31.9	947.4	✓
35	Gen on slope	263°40	405		+	5°25	+38.0	5.2	+32.8	948.3	✓
36	Gen on Ridge	316°45	192					12.2		903.3	✓
37	Int. No. S. & E. W. Fe. Gen	259°15	455		+	5°10	+40.8	6.2	+34.6	950.1	✓
38	Gen on E. W. Fe	257°00	380		+	5°55	+39.0	5.2	+33.8	949.3	✓
39	So End of Run Trees & Gen	109°25	350					11.0		904.5	✓
40	Gen on Top Knoll	262°55	342		+	5°30	+32.5	5.2	+27.3	942.8	✓
41	Gen on slope	124°15	392					5.4		910.1	✓
42	" " "	283°00	37					5.2		910.3	✓
43	No End of Trees & Gen	129°15	360					2.7		912.8	✓
44	Gen & S. E. Fe Cor	48°00	79		-	8°45	-11.9	5.2	-17.1	898.4	✓
45	Gen E. & W. Fe	60°35	114		-	6°20	-12.5	5.2	-17.7	897.8	✓
46	Gen on Slope	80°30	155		-	7°45	-20.5	5.2	-25.7	889.8	✓

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 Date... 12/2/31... Rec. W. H. H. ...

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.				
At 013 cont										
47 Gen. N. & S. Fe	112° 00	308					8.3		907.2	✓
48 Gen. & S.W. Fe Cor.	67° 45	307		-	9° 55	- 26.2	5.2	- 31.4	884.1	✓
49 Gen on Slope	75° 45	235		-	5° 30	- 22.4	5.2	- 27.6	887.9	✓
50 Gen. N. & S. Fe	97° 25	290		-	2° 15	- 11.4	5.2	- 16.6	898.9	✓
51 " " " "	79° 30	290		-	4° 25	- 22.3	5.2	- 27.5	888.0	✓
52 Gen on Slope	70° 00	226		-	3° 55	- 15.4	5.2	- 20.6	894.9	✓
53 " " " "	105° 35	246		-	1° 00	- 4.3	5.2	- 9.5	906.0	✓
54 " " " "	107° 15	174		-	3° 45	- 11.3	5.2	- 16.5	899.0	✓
55 " " " "	137° 40	175					12.2		903.3	✓
56 " " " "	125° 00	224					7.6		907.9	✓
57 " " " "	116° 00	261					7.1		908.4	✓
58 S.E. Cor. of Orchard & Gen	144° 45	206					8.1		907.4	✓
59 S.E. Cor 8x24 Coop Gen	137° 50	227					7.3		908.2	✓
60 S.W. " " " "	134° 15	249					6.3		909.2	✓
61 N.E. Cor of Orchard	151° 12	240					3.8		911.7	✓
62 N.W. " " " " Also Fe Cor	143° 45	260					4.2		911.3	✓
63 Gen on Slope	127° 00	440					5.8		909.7	✓

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 Date 12/2/31 Rec. W. H. H.

	OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE			READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM	
					Up+	No. of Int.	Rod				
					Down-	or Angle	Equiv.				
	At @ 13 Cont										
64	Gen on Slope	126°20	532					48		910.7	✓
65	" " "	113°15	525					4.1		911.4	✓
66	" " "	114°30	450					8.7		906.8	✓
67	Gen East We Fe Line	101°00	490					10.6		904.9	✓
68	" " " " "	104°00	390		-	1°40	-11.4	5.2	-14.6	898.9	✓
69	Gen on Slope	97°30	472		-	1°10	-9.6	5.2	-14.8	900.7	✓
70	" " "	95°00	400		-	2°25	-16.8	5.2	-22.0	893.5	✓
71	Int. ESW. N. & S. Fe. & Gen	108°10	218					11.2		904.3	✓
72	Gen on Slope	87°50	482		-	2°00	-16.8	5.2	-22.0	893.5	✓
73	" " "	80°30	405		-	3°30	-24.7	5.2	-29.9	885.6	✓
74	" " "	76°00	505		-	3°00	-26.4	5.2	-31.6	883.9	✓
75	" " "	67°00	385		-	4°25	-29.6	5.2	-34.8	880.7	✓
76	" " "										

At @ 14 931.3 HI 5.3
 To @ 13 183°01 513
 OK Az to Flagpole Vol Club 10°50
 To @ 1 89°50 337

Page 53 Transit 49919 Obs. W. H. C. Line
 Date 12/2/30 Rec. Willie

	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 14 cont									
1	NW Cor Garage 14x26	35°45	276		-	2°00	-9.6	5.3	-14.9	916.4 ✓
2	NE " Dog House	76°00	305					5.1		262 ✓
3	SE " " " } 14x24	73°35	310							
4	NE Cor Garage	30°35	267							
5	NE Cor 2 St. House 24x32	64°45	250					6.0		25.3 ✓
6	SE Cor 2 St. "	52°55	268							
7	NE Cor Barn 43x22	47°30	334				12.4			18.9 ✓
8	SE Cor Group Trees Oaks	42°20	255				14.1			17.2 ✓
9	SW. " " "	53°15	285				7.1			24.2 ✓
10	On Eq. Tree Line	44°45	180				12.6			18.7 ✓
11	" NW Cor Trees	81°00	200				4.1			27.2 ✓
12	Gen in Middle Trees	61°00	172				11.3			20.0 ✓
13	NE Cor. Trees	72°30	110				9.2			22.1 ✓
14	Tel. Pole Edge Trees	52°00	141							
15	NW Cor Barn	53°10	353				13.2			18.1 ✓
16	Toe of Shoulder	70°40	67				10.4			20.9 ✓
17	Gen on Slope	20°00	125				14.0			17.3 ✓

Page 54 Transit 44919 Obs. Wheeler Line
 Date 12/2/31 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				
	At 014 Cont									
18	Shoulder Line	79°45	63				5.5		925.8	✓
19	Gen on Slope	336°00	133				5.8		255	✓
20	Gen on "	14°30	320		-	3°00	5.3	-22.0	09.3	✓
21	Shoulder Line	347°30	14				6.1		25.2	✓
22	Gen on slope	2°30	322				14.0		17.3	✓
23	Toe of shoulder	354°15	25				12.0		19.3	✓
24	Gen on slope	12°30	235		-	3°00	5.3	-17.4	13.7	✓
25	Gen on Knoll	348°30	340				0.0		31.3	✓
26	" " Slope	353°10	235		-	2°25	5.3	-15.2	16.1	✓
27	" " "	330°00	380		+	1°00	5.3	+1.3	32.6	✓
28	" " "	330°00	265		+	1°15	5.3	+0.5	31.8	✓
29	48" Cottonwood & Gen	295°35	66				9.7		21.6	✓
30	Gen on Slope	315°00	269				0.8		30.5	✓
31	" " "	315°00	470		+	2°00	5.3	+11.1	42.4	✓
32	Shoulder Line	278°00	98				4.8		26.5	✓
33	Gen on slope	311°00	500		+	1°45	5.3	+10.0	41.3	✓
34	" " "	292°00	250		+	1°35	5.3	+1.6	32.9	✓

Page 55 Transit 24919 Obs. Weber Line

Date 12/2/91 Rec. W. H.

[illegible]

70
91486

Elev.

0#4

9.98 904.88 78

0#5

14.05 900.81 71

T.R

0.33 901.52 13.67 901.19 09

T.P

0.16 887.90 13.68 887.84 74

0#6

10.88 885.78 13.10 874.90 80

T.P

10.88 895.99 0.67 885.11 01

0#7

0.37 895.62 895.53

Clear - Windy.

12-2-31

Top of Conc. S.W. W. side of N. end Br. Lake. Imp. B.M. #7

Mont. S.W. cor.

	+	H.I.	-	Elev.
B.M.	0.69	871.40		870.71.
T.P.	4.85	865.07	11.18	860.22
T.P.	9.95	869.52	5.50	859.57.
T.P.	13.39	882.49	0.42	869.10.
○#7A"			1.38	881.11.
T.P.	13.15	895.31	0.33	882.16.
T.P.	13.22	896.54	11.99	883.32.
○#7			1.01	895.53
T.P.	0.14	883. ⁴⁶ 56	13.22	883.32
T.P.	0.24	870. ⁰² 12	13.68	869.88 78
○#8	1.43	864. ⁴⁶ 56	6.99	863.13 03
○#9			4.08	860.48 38
T.P.	12.78	873. ⁹⁶ 06	3.28	861.28 18
T.P.	9.46	878. ⁷⁵ 85	4.67	869.39 29
○#10			0.24	878.61 51
○#11			3.85	874. ⁹⁰ 00
T.P.	13.04	882. ³³ 43	9.46	869.39 29
○#12	11.85	893. ⁷⁴ 84	0.44	881.99 89
T.P.	12.71	905. ⁸⁹ 99	0.56	893.28 18
T.P.	12.35	915. ¹⁵ 25	3.09	902.90 80
○#13			4.81	910.44 34
T.P.	13.67	928. ¹⁵ 25	6.67	914.58 48
○#14			2.12	926.13 03
○#1	0.17	926. ⁸⁰ 90	1.52	926.73 63
○#2	3.92	928. ⁹⁰ 00	1.82	925.08 924.98
○#3	1.30	922. ⁶⁵ 75	7.55	921.45 35
T.P.	1.31	914. ⁷⁶ 86	9.20	913.55 45

1
{ Weber
Stadler
Mike
Bell
Stienman

Bench Levels and
Hub. elevations

Stadia Survey No. of Kohlman's Lk.