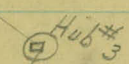
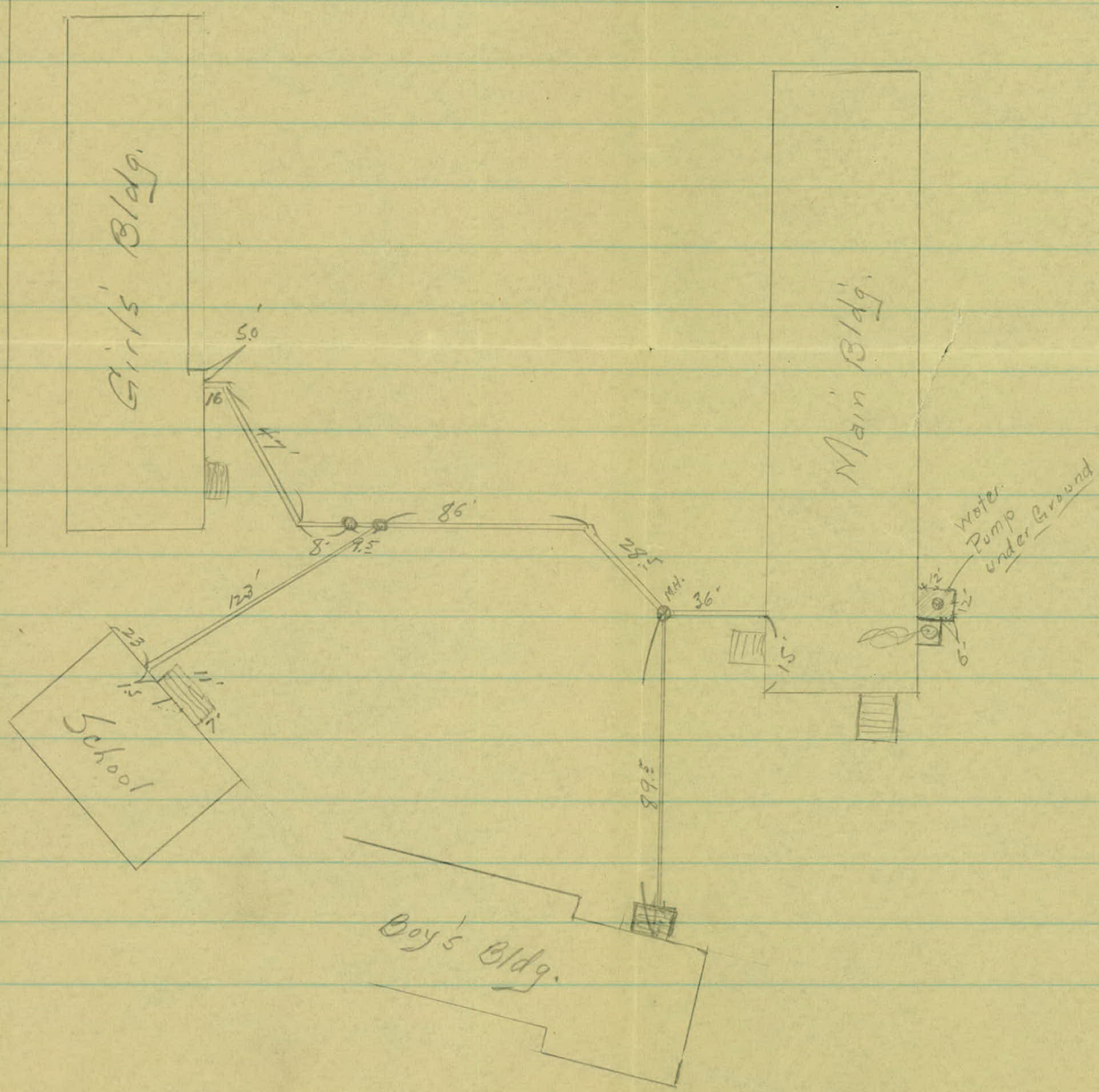
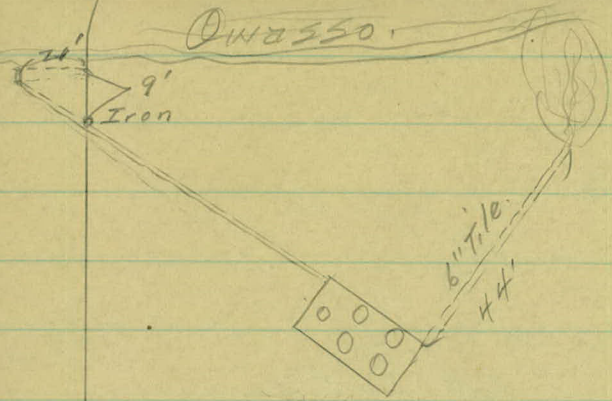


Book # 103 - DL # 8

TOPOGRAPHIC SURVEY
OF THE
CHILDREN'S PREVENTORIUM
PROPERTY
OCTOBER 1933



Bldg. Location



Page.....1.....Transit.....44919.....Obs. *Wahler*.....Line.....*Ramsay Co. Pennsylvania*
 Date.....10/13/33.....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.		
	<i>H.I. = 5.1</i>				<i>H.I. 925.1</i>			
<i>At Hub # 1</i>								<i>920.0</i>
<i>To South</i>	<i>= 0° 00</i>							
<i>To Hub # 2</i>	<i>259° 13'</i>	<i>289</i>	<i>✓</i>					
<i>1 So. East Property Cor.</i>	<i>269° 44'</i>	<i>31</i>	<i>✓</i>			<i>6.4</i>		<i>18.7</i>
<i>2 General</i>	<i>269° 44</i>	<i>60</i>	<i>✓</i>			<i>4.7</i>		<i>20.4</i>
<i>3 24" Oak</i>	<i>243° 26</i>	<i>60</i>	<i>✓</i>			<i>4.4</i>		<i>20.7</i>
<i>4 £ Ditch</i>	<i>269° 44</i>	<i>25</i>	<i>✓</i>			<i>7.2</i>		<i>17.9</i>
<i>5 Rd Shoulder</i>	<i>" "</i>	<i>15</i>	<i>✓</i>			<i>5.4</i>		<i>19.7</i>
<i>6 Power Pole</i>	<i>224° 05'</i>	<i>29</i>	<i>✓</i>			<i>5.15</i>		<i>19.95</i>
<i>7 £ Driveway + Int Pave.</i>	<i>180° 00</i>	<i>38</i>	<i>✓</i>			<i>5.2</i>		<i>19.9</i>
<i>8 £ "</i>	<i>221° 30</i>	<i>58</i>	<i>✓</i>			<i>5.3</i>		<i>19.8</i>
<i>9 Cor. Wooded Area</i>	<i>211° 00</i>	<i>71</i>	<i>✓</i>			<i>5.3</i>		<i>19.8</i>
<i>10 South End Sign</i>	<i>207° 00</i>	<i>63</i>	<i>✓</i>					
<i>11 " " "</i>	<i>205° 30</i>	<i>69</i>	<i>✓</i>					
<i>12 £ Rice Str.</i>	<i>180° 00</i>	<i>143</i>	<i>✓</i>			<i>4.3</i>		<i>20.8</i>
<i>13 P.P. + Shoulder Line</i>	<i>188° 00</i>	<i>145</i>	<i>✓</i>			<i>4.1</i>		<i>21.0</i>
<i>14 £ Ditch</i>	<i>190° 30</i>	<i>146</i>	<i>✓</i>			<i>6.0</i>		<i>19.1</i>

Page 2 Transit 44719 Obs. W. Weber Line Co. Proventorium
 Date 10/13/33 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	Rod Equiv.			
<i>At Hub #1</i>									
✓ 15 Top of Back Slope	191° 37'	148	✓		725.1		5.2		19.9
✓ 16 Edge of Wooded Area ^{Gen}	195° 30'	152	✓				4.6		20.5
✓ 17 & Rice Str	180° 00'	265	✓				3.6		21.5
✓ 18 P.P. & Shoulder Line	184° 20'	264	✓				3.6		21.5
✓ 19 & Ditch	186° 05'	265	✓				4.9		20.2
20 Top of Back Slope, Edge Woods	187° 15'	267	✓				3.9		21.2
21 Power Pole & Gen.	182° 55'	396	✓						
22 & Rice Str	180° 00'	432.32	✓				2.7		22.4
23 North Ea. Cr. of Prop. & Gen.	184° 51'	433.00	✓				2.7		22.4
24 Edge of Woods No. & Gen.	188° 30'	406	✓				2.7		22.4
25 Gen on North Prop Line	194° 27'	443	✓				1.6		23.5
26 " " " " "	200° 20'	460	✓				0.0		25.1
27 No West Cr. Wooded Area No. Ea. Cr. ^{Field}	203° 05'	440	✓				0.0		25.1
28 Cult. Field & Edge Woods	211° 00'	332	✓				1.3		23.8
29 Gen in Wooded Area	201° 30'	292	✓				2.3		22.8
30 " " " "	209° 00'	204	✓				2.6		22.5
31 Edge of Field & Edge Woods	220° 00'	264	✓				1.5		23.6

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Date. 10/13/33 Rec. Wilke

OBJECT At Hub #2	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.			
Int. So. Prop. Line & R.O.W. Fe. Gen.	51° 21'	88				931.9	7.3		24.6
So. End. of Wooded Strip & Gen.	73° 30'	66					7.5		24.4
Pa. Pale. & Gen.	90° 25"	52					6.7		25.2
± Driveway	110° 00'	48					6.6		25.3
So. We. Cor. Cutb. & Gen.	115° 50'	84					7.8		24.1
Edge of Trees & Gen.	139° 00'	99					7.2		24.7
" Cult. & Gen.	154° 25'	162					6.9		25.0
Gen. Elev.	167° 35'	162					5.5		26.4
End of Wooded Strip	180° 45'	176					5.3		26.6
18" Basswood & Gen.	183° 45'	172					4.3		27.6
12" Locust. & Gen.	185° 00'	153					5.1		26.8
Edge of Corn field	161° 40'	234					6.5		25.4
Gen Elev	170° 00'	237					4.9		27.0
So. Cor. Triangular Wooded	184° 35'	255					5.2		26.7
Gen Elev	176° 00'	287					5.9		26.0
" "	173° 00'	292					5.3		26.6
" "	165° 10'	302					6.0		25.9

Page 5 Transit 44919 Obs. Weber Line Prevention
 Date 10/13/33 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 Hub #2</u>									
✓ 18	No. We. Cor. Culv. & Gen	167° 30'	350			931.9		5.4		26.5
✓ 19	No. Ea. Cor. Trium Woods	168° 30'	370					5.0		26.9
✓ 20	Gen on No Prop Line	176° 00'	379					5.8		26.1
✓ 21	Int. R.O.W. No Prop Line No. We. Cor. Wd.	190° 34'	385					6.0		25.9
✓ 22	On No Prop & Top Back Slope	172° 35'	386					6.2		25.7
✓ 23	S. We. Cor Building 10'x10'	188° 23'	370							
✓ 24	S. Ea. Cor "	186° 50'	369							
25	Ditch on No Prop Line	194° 20'	377					8.6		23.3
✓ 26	Top Slope No Prop	196° 33'	400					4.7		27.2
✓ 27	& S. Ea. Line Tracks	198° 10'	400					4.2		27.7
✓ 28	Top Shoulder No Prop	199° 50'	407					5.3		26.6
✓ 29	* Ditch on No Prop Line	201° 00'	403					6.5		25.4
✓ 30	No Prop & R.O.W.	204° 55'	420					6.3		25.6
✓ 31	15" Oak & "	205° 50'	370							
✓ 32	E. W. Fe. Cor. No. Ea. Cor. of Culv. & S. E. Cor. Orchard	204° 55'	417					6.5		25.4
✓ 33	Tel. Pole & Gen	204° 24'	330					6.2		25.7
✓ 34	Int. We. Fe. Line & R.O.W.	208° 05'	262					5.9		26.0

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 Date... 10/13/33... Rec. Wilke...

	OBJECT At Hyb #2	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE		READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
					Up+ Down-	No. of Int. or Angle			
35	Toe Slope	201°20'	260			931.9	6.4		25.5
36	Shoulder Line	200°10'	258				5.1		26.8
37	± Soo Line	197°25'	257				4.5		27.4
38	Shoulder Line	194°35'	258				5.1		26.8
39	± Ditch	189°50'	257				8.0		23.9
40	Top of Back Slope	188°00'	258				6.1		25.8
41	R.O.W. Fe. & Gen	186°30'	255				5.8		26.1
42	Gen	190°45'	241				5.5		26.4
43	R.O.W. Fe. & Gen	172°00'	117				5.0		26.9
44	Top of Back Slope	186°00'	112				5.4		26.5
45	± Ditch	189°15'	111				6.4		25.5
46	Top Shoulder	192°10'	110				5.4		26.5
47	± Soo Line	196°55'	110				4.8		27.1
48	Ditch	203°05'	111				6.0		25.9
49	Top Back Slope	206°40'	112				4.4		27.5
50	R.O.W. & Gen	220°00'	123				5.7		26.2
51	Top Pole & Gen	207°20'	210				5.9		26.0

Page 7 Transit 44919 Obs. W. G. G. G. Line Pharveto
 Date 10/13/33 Rec. W. G. G.

	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.			
	<u>A+ #2</u>									
51	↓ Tel. Pole & Gen	220°50	90			931.9		4.6		27.3
52	↓ Angle in Drive	254°32	57					5.4		26.5
53	↓ R.R. X Sign & Gen	265°00	16					5.0		26.9
54	↓ R.R. Track & Road X	196°20	15					4.5		27.4
55	↓ R.R. X Sign & Gen	168°30	33					5.1		26.8
56	↓ Top of Back Slope	74°00	22					5.1		26.8
57	↓ Ditch	60°00	18					5.9		26.0
58	↓ S. Line	16°00	12					5.0		26.9
59	↓ Ditch	333°30	18					5.8		26.1
60	↓ Top Slope	328°00	22					4.8		27.1
61	↓ R.O.W. Fe & Gen	298°30	50					5.1		26.8
62	↓ Tel. Pole & Gen	327°25	49					4.4		27.5
63	↓ Fe Cor & R.O.W. & Gen	323°05	61					4.6		27.3
64	↓ Int So Prop Line & R.O.W.	325°10	64					5.0		26.9
65	↓ R. Pole & Gen	271°53	68					5.2		26.7
66	↓ Angle in Road	255°56	109					5.6		26.3
67	↓ Gen & on We Fe Line	291°30	135					5.7		26.2

Page 2 Transit 44919 Obs. Weber Line
Date 10/13/33 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 + Hub # 2</u>								
68	Gen on We. Fo Line <i>Wooded Area</i>	280° 47'	264		931.9		6.0		25.9
69	P. Pole & Gen A	272° 05'	230				5.8		26.1
70	Gen. & So. W. Line Woods	278° 44'	314				6.2		25.7
71	Cor Frame school. So. W. Cor	275° 43'	388				5.9		26.0
72	No. Ea. Cor. School	270° 00'	340				6.0		25.9
73	No. Cor "	267° 00'	356				6.1		25.8
74	So. W. Cor Brick Dormitory	262° 45'	367				6.6		25.3
75	So. Ea. " " "	262° 16'	345				6.1		25.8
76	So. W. Cor Flower Garden	260° 00'	322				6.2		25.7
77	No. W. End Line Bushes	249° 00'	340						
78	Angle in Driveway & Gen	248° 17'	199				6.4		25.5
79	So. Ea. End Bushes & Gen	252° 50'	224				6.7		25.2
80	Angle So. Line Garden & Gen <i>Wooded Area</i>	266° 30'	222				6.2		25.7
81	S. E. Cor Garden & Gen	267° 00'	139				6.1		25.8
82	24" Oak. & Gen	259° 45'	192				5.4		26.5
83	Gen in Woods	233° 20'	192				6.7		25.2
84	So. W. Cor Woods & Gen	240° 25'	249				6.7		25.2

Page 9 Transit 44919 Obs. Weber Line Preventarium
 Date 10/13/33 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 Hub #2									
85	✓ 6" Ash tree	242° 47'	286			931.9				
86	✓ 12" Oak	242° 50'	340					5.8		26.1
87	✓ 18" Poplar	243° 05'	360					5.8		26.1
	At Hub #3 H.I. =	5.10				930.6				25.5
	To Hub #2	236° 41'	432							
	To Hub #4	310° 55'	208							
	Chick Azl. To So Edge Boat Ho.	293° 17'								
✓ 1	So. We Cor Fence End Garden	65° 00'	42					5.0		25.6
✓ 2	Gen on Fence ^{Emil Woods} Emil Garden	84° 17'	138					5.4		25.2
✓ 3	We Line Fence & Garden & Gen	152° 30'	69					5.9		24.7
✓ 4	No West. Cor Fe & Garden	168° 10'	135					6.1		24.5
✓ 5	No. Fe. Line & Gen	145° 45'	160					6.0		24.6
✓ 6	Gen in Garden	121° 15'	128					5.8		24.8
✓ 7	10" Elm & Gen	131° 40'	208					5.1		25.5
✓ 8	4" Apple Tree & Gen	139° 00'	222					5.4		25.2
✓ 9	6" " "	142° 35'	230							
✓ 10	Ex Prop Line & ROW & Gen	145° 00'	265					5.3		25.3

Page 10 Transit 44219 Obs. Weber Line Preventorium
 Date 10/12/22 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 Hub #3								
1	4" Apple Tree	149°20'	250			730.6			
12	10" " "	152°24'	260				5.6		25.0
13	8" " "	151°00'	279						
14	4" " " & Gen	155°45'	300				5.4		25.2
15	No Ea. Cor Prop & R.O.W. Fe.	156°48'	310				5.8		24.8
16	6" Apple Tree	157°50'	312						
17	8" " "	159°00'	298				5.3		25.3
18	4" Apple Tree & Gen	150°49'	225				5.7		24.9
19	4" " " & Gen	143°50'	203				5.7		24.9
20	6" " " & Gen	139°00'	190				5.4		25.2
21	12" Elm. & Gen	143°45'	176				5.5		25.1
22	12" Elm & Gen	157°35'	150				5.9		24.7
23	12" Apple Tree	166°20'	146						
24	12" Silver Maple	177°35'	140				6.1		24.5
25	12" Oak & Gen	182°15'	142				6.2		24.4
26	12" Elm. & Gen	199°29'	147				6.5		24.1
27	10" Elm & Gen	209°38'	160				6.7		23.9

Page 11 Transit 24919 Obs. W. Weber Line Phoenician
 Date 10/13/33 Rec. W. Ke

	OBJECT	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE			READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
					Up+	No. of Int.	Rod			
	At Hub #3				Down-	or Angle	Equiv.			
28	12" Elm.	224°38'	196				930.6			
29	So We. Cor Framed shed 8x12	225°17'	216							
30	So Ea. " " " "	223°43'	210							
31	No Ea. " " " "	221°30'	220							
32	18" Oak & Gen	220°18'	216					7.1		23.5
33	12" " &	218°02'	238							
34	6" Elm	217°00'	161							
35	Pe. Pole & Gen.	232°15'	171					6.7		23.9
36	✓ Gen	241°18'	148					6.5		24.1
37	6" Elm	217°06'	115							
38	8" Elm & Gen	212°12'	92					6.3		24.3
39	4" Elm & Gen	192°20'	80					6.1		24.5
40	We End Paralle 1 Bar's	187°08'	77					6.1		24.5
41	Ea. " " " "	175°05'	77					6.2		24.4
42	So End Swing Gen	180°30'	85					6.0		24.6
43	No " " " "	180°32'	107					6.1		24.5
44	6" Box Elder & "	224°06'	66					6.0		24.6

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Date... 10/13/23 ...Rec... W. L. Ke

	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 #3									
45	6" Elm & Gen	238°00'	49				93.6	5.6		25.0
46	4" Elm & Gen	100°40'	13					5.0		25.6
47	No We Cor Boys Dormitory	2°09'	36					5.6		25.0
48	✓ Gen & Ang. in Drive	48°00'	37					5.7		24.9
49	✓ Gen Drive	300°45'	52					5.3		25.3
50	✓ "	255°35'	63					6.2		24.4
51	No East Cor Administration Bldg	256°00'	82					5.7		24.9
52	So. East " " "	282°08'	82					5.2		25.4
53	No. Ea Cor Dormitory	35°47'	45					5.7		24.9
54	✓ Manhole & Gen	306°00'	111					5.2		25.4
55	✓ 18" Oak "	302°05'	112					5.0		25.6
56	✓ 18" " "	303°08'	115					4.9		25.7
57	✓ 20" " "	301°45'	134					5.2		25.4
58	✓ 12" " "	304°43'	146					5.1		25.5
59	Angle Point in Side Walk	308°13'	151					4.7		25.9
60	✓ 18" Oak	308°00'	155					4.8		25.8
61	✓ 24" Oak	315°30'	118					5.2		25.4

Page 13 Transit 44919 Obs. W. C. Weber Line Preventorium
 Date 10/13/33 Rec. Wilke

	OBJECT # 3	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE		READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
					Up+ Down-	No. of Int. or Angle			
62	✓ 24" Oak & Gen	317°00'	117		930.6		5.1		25.5
63	✓ Angle in side walk	305°12'	113				4.8		25.8
64	✓ Int. Walks	301°53'	102				4.8		25.8
65	✓ Bottom Stop & Walk 18"	288°36'	92				5.0		25.6
66	✓ Bottom " & Walk 18"	349°30'	64				5.1		25.5
67	✓ 12" Oak	317°10'	126						
68	✓ 15" "	317°42'	136						
69	✓ 15" "	318°23'	140						
70	✓ 15" "	318°30'	151						
71	✓ 30" " & Gen	324°07'	139				5.1		25.5
72	✓ 24" " & Gen	334°00'	159				4.9		25.7
73	✓ 12" " " "	346°10'	166				5.0		25.6
74	✓ 12" " " "	348°20'	165				5.1		25.5
75	✓ 18" " " "	343°11'	131				5.0		25.6
76	✓ 18" " " "	343°53'	125				5.2		25.4
77	✓ Evergreen & Gen	345°50'	175				5.0		25.6
78	✓ 4" " & "	348°22'	207				5.1		25.5

Page 13 Transit 74919 Obs. W. H. W. Line Proven tower
 Date 10/14/33 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	Rod Equiv.			
#3	HI = 5.20									
✓ 79	2" Evergreen & Gen	342° 20'	107			930.6		5.0		25.6
✓ 80	4" " & "	³⁴⁶ 246° 27'	224					5.2		25.4
✓ 81	4" " & "	³⁵¹ 251° 40'	222					5.3		25.3
✓ 82	4" " & "	³⁴⁹ 249° 40'	238							
✓ 83	No. We Cor School &	³⁵⁰ 250° 44'	264	-				5.0		25.6
✓ 84	Gen on So Prop Line	³⁴⁴ 244° 45'	304					5.4		25.2
✓ 85	So Ea ^{Cor} Girls Dormitory	³⁴² 242° 24'	278	-						
✓ 86	No Ea Cor. " & Gen	³⁴⁰ 240° 45'	253	-				5.6		25.0
✓ 87	Gen	337° 23'	216					5.3		25.3
✓ 88	Angle in Walk	327° 04'	220					4.8		25.8
✓ 89	Walk and Bottom step Ent to Dorm	334° 25'	250					5.3		25.3
✓ 90	Manhole	326° 12'	207					4.8		25.8
✓ 91	"	324° 41'	199					4.9		25.7
✓ 92	General	319° 45'	194					4.5		26.1
✓ 93	"	320° 20'	250					5.4		25.2
✓ 94	No. Ea. Cor. Fireplace	307° 12'	184					5.1		25.5
✓ 95	No. We. " "	305° 45'	192					5.3		25.3

Page 14 Transit 44919 Obs. Weber Line Preventorium
 Date 10/14/33 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	Rod Equiv.			
	At Hub #3									
✓ 96	24" Oak & Gen	299° 32'	171			930.6		5.4		25.2
✓ 97	Ang. in Walk Ea. & W. No. 50	300° 35'	178					5.2		25.4
✓ 98	End Walk & Bottom Steps	283° 26'	160					5.3		25.3
✓ 99	20" Oak & Gen	284° 32'	153					5.3		25.3
✓ 100	General Elev.	296° 05'	132					5.4		25.2
	To Hub #3a	230° 16'	128							
	At Hub #3a	H. I. = 5.20				929.6				24.4
	To Hub #3	230° 16'	128							
✓ 1	Ch Asi Center Windmill	287° 27'								
✓ 1	Flag Pole & Base 5X5	138° 47'	116					4.6		25.0
✓ 2	Gen.	130° 07'	173					5.1		24.5
✓ 3	"	136° 30'	198					4.4		25.2
✓ 4	No Ea. Cor. Foundation	137° 07'	236	-				4.3		25.3
✓ 5	So. " "	135° 05'	227	-				4.3		25.3
✓ 6	Int. with Main "	151° 23'	200	-				4.2		25.4
✓ 7	" " "	149° 44'	188	-				4.2		25.4
✓ 8	So Ea Cor. Main " & Gen	148° 49'	182	-				4.2		25.4

Page. 155 Transit. 44919 Obs. Weber Line. Prevention
Date. 10/1/22 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 #3A									
9 So We. Cor. Main Foundation	158° 34'	169	-		929.6		4.2		25.4
10 Int of Main Foun. & We. Wing	159° 11'	175	-				4.2		25.4
11 No. Int " "	160° 25'	186	-				4.2		25.4
12 So Ea Cor of Apron	160° 25'	186	-				4.2		25.4
13 No We Cor. Foundation	180° 43'	176	-				4.2		25.4
14 So " " "	181° 02'	165	-				4.2		25.4
15 So. We. Cor. Walk inside	182° 38'	178	-				4.5		25.1
16 No We. " " "	182° 22'	188	-				4.6		25.0
17 No We. Angle Apron	160° 50'	194	-				4.4		25.2
18 Angle in Apron N.W.	163° 37'	224	-				4.2		25.4
19 No Ea Cor Apron	161° 20'	229	-				4.7		25.5
20 No We. Cor Foun. in Apron	163° 05'	219	-				4.2		25.4
21 So Ea Cor Apron & Int of Foun.	160° 52'	226	-				4.2		25.4
22 No Ea Cor Foun.	155° 13'	229	-				4.2		25.4
23 General	159° 17'	164					4.3		25.3
24 "	156° 00'	124					5.3		25.3
25 "	179° 17'	152					4.7		24.9

Page 16 Transit 44919 Obs. Weber Line Preventorium
 Date 10/14/33 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 3a								
✓ 26	Angle in Drive	190°30'	170			729.6	5.9		23.7
✓ 27	Int Drive with N. Prop. Line	82°42'	210				5.7		23.9
✓ 28	Twin 15" Oak & Gen	190°04'	208				5.7		23.9
✓ 29	P. Pole & Gen	192°40'	190				6.0		23.6
✓ 30	No Ea Cor Barn	192°09'	190						
✓ 31	S. Ea " " & Gen	198°08'	130				6.4		23.2
✓ 32	S. We " " "	207°22'	140				6.8		22.8
✓ 33	18" Oak " "	206°43'	124				6.5		23.1
✓ 34	30" " " "	202°27'	123				6.2		23.4
✓ 35	E. Cor & Int. of Prop. Line	224°46'	95				5.9		23.7
✓ 36	Gen on No Prop Line & ^{Fence}	240°23'	135				6.8		22.8
✓ 37	" " " " " & Fence	249°15'	188				8.8		20.8
✓ 38	15" Oak & Gen	256°23'	199				8.8		20.8
✓ 39	15" " " "	258°51'	211				10.7		18.9
✓ 40	18" " " "	260°38'	219				11.7		17.9
✓ 41	General	275°00'	181				8.5		21.1
✓ 42	Top Slope	278°50'	177				7.9		24.7

Page 17 Transit 44919 Obs. Weber Line Prerentorium
 Date 10/14/30 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 Hub #3a								
43	18" Oak & Gen	272° 37'	142		929.6		6.4		23.2
44	18" " "	270° 39'	153				6.9		22.7
45	24" " "	263° 54'	140				6.3		23.3
46	General	268° 10'	141				5.0		24.6
47	"	272° 35'	137				6.1		23.5
48	Top Slope	273° 30'	107				3.4		26.2
49	Toe "	268° 50'	105				5.8		23.8
50	General	277° 40'	79	✓			5.1		24.5
51	No. Cor Ret Wall (Top Wall)	288° 51'	86				3.9		25.7
52	Bottom Slope at Ret. Wall	288° 51'	86				6.1		23.5
53	So We Cor Ret Wall (Top Wall)	300° 40'	95				3.9		25.7
54	Bottom Ret. Wall	300° 40'	95				8.6		21.0
55	Top Ret Wall Ea. No End	299° 31'	57				3.9		25.7
56	Bottom Ret. Wall No End	299° 31'	57				6.1		23.5
57	Top Ea. Wall So End	313° 31'	69				3.9		25.7
58	Bottom Re Wall So End	313° 31'	69				8.6		21.0
59	General	284° 30'	48				4.9		24.7

Page. 18 Transit. 44719 Obs. Weber Line. Praxentarium
 Date. 10/14/33 Rec. W.W.C.

	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.			
	<u>at 3a</u>									
60	NoWe Cor of Porch of Building	290° 25'	153				729.6	4.3		25.3
61	General	287° 15'	174					4.4		25.2
	At Hub # 4									
	To Hub # 3	310° 55'	208							
	To Hub # 5	252° 36'	237							
	Ch Azi Edge Garage	292° 37'								
1	18" Oak & Ger	192° 25'	68					6.2		24.9
2	15" " "	193° 07'	78					6.6		24.5
3	12" " "	201° 44'	83					6.8		24.3
4	18" " "	200° 36'	64					6.3		24.8
5	20" " "	211° 22'	60					6.5		24.6
6	18" " "	211° 22'	116					6.4		24.7
7	18" " "	215° 15'	106					6.9		24.2
8	10" " "	222° 15'	124					8.1		23.0
9	15" " "	226° 25'	128					8.5		22.6
10	6" Elm	233° 00'	102					9.6		21.5
11	15" Oak	236° 26'	76					8.2		22.9

Page. 18. Transit. 44919. Obs. Weber. Line. Proxm. Torium
Date. 10/14/33. 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 Equiv.			
	At Hub # 4									
12	15" Oak & Gen	250° 00'	76			931.1		8.7		22.4
13	15" Birch & Gen	257° 55'	66					8.5		22.6
14	15" Oak "	257° 55'	42					6.9		24.2
15	20" " "	240° 30'	41					6.6		24.5
16	24" " "	269° 20'	58					7.8		23.3
17	24" " "	290° 52'	69					7.7		23.4
18	12" Tree	313° 06'	88					8.7		22.4
19	No. We. Car. Girls Dorm. ^{Gen}	316° 40'	138					9.6		21.5
	At Hub 5					HI = 5.1	914.3			
	To " 4		237							
	CAK. 331	287° 33'								
1	SW corner mason's house	109° 00'		157	+	5° 52'	+16.6	5.0	+11.0	25.3
2	NW " " "	120° 45'		173	+	5° 18'	+16.0	5.0	+11.0	25.3
3	Gen'l elev	148° 10'		121	+	3° 15'	+6.8	5.1	+1.7	16.0
4	24" oak	161° 37'		147						
5	20" box elder	165° 50'		207	+	1° 55'	+6.9	5.1	+1.8	16.1
6	Gen'l on fence line ^{Edw}	169° 45'		212	+	1° 30'	+5.5	5.1	+0.4	14.7

Page 19.....Transit.....Obs. *Weber*.....Line. *Proctor*Date. *10-16-33*.....Rec. *Boston*.....

	OBJECT #5	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE		READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
					Up+ Down-	No. of Int. or Angle			
					<i>914.3</i>				
7	18" oak	191°40'		202			5.1		09.2
8	24" "	199°00'		207			7.0		07.3
9	Gent. on fence line E&W	202°35'		227			9.1		05.2
10	" " " " "	214°37'		256	-	2°24'	5.1	-15.8	98.5
11	Top slope on fence line E&W	233°17'		280	-	2°35'	5.1	-17.7	96.6
12	Gent. elev. on Top slope	219°15'		262	-	2°54'	5.1	-18.3	96.0
13	" " " " "	217°35'		238	-	2°35'	5.1	-15.8	98.5
14	24" oak	219°47'		203	-	2°54'	5.1	-15.3	99.0
15	Gent. Top slope	216°14'		193	-	2°09'	5.1	-12.6	01.7
16	20" oak	215°20'		164	-	2°15'	5.1	-11.9	02.4
17	20" " on slope	222°12'		155	-	4°15'	5.1	-16.5	97.8
18	Gent. Top slope	211°52'		145	-	1°30'	5.1	-8.9	05.4
19	30" oak	189°08'		115			3.4		10.9
20	Gent. elev.	175°35'		145			1.7		12.6
21	" "	168°20'		124			0.3		14.0
22	Gent. elev. Two slope yard	130°25'		102	+	3°25'	5.1	+1.0	15.3
23	" " " " "	128°45'		66	+	5°20'	5.1	+1.0	15.3

Page 20.....Transit.....Obs.....Line.....

Date.....Rec.....

	OBJECT #5	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	Gentl elev Top slope yard	106°00'		79	+	5°50'	914.3 +8.0	5.1	+2.9	17.2
25	" " yard Top slope	101°10'		110	+	6°15'	+11.9	5.1	+4.8	19.1
26	" " " " " "	116°55'		97	+	7°0'	+11.7	5.1	+6.6	20.9
27	" " " Top slope	134°20'		114	+	5°50'	+11.5	5.1	+6.4	20.7
28	Gentl elev	175°30'		67				2.0	X	12.3
29	12" oak	184°12'		64				3.2		11.1
30	18" oak	199°05'		63				5.3		09.0
31	Gentl elev	201°25'		89				5.7		08.6
32	" " Top slope	217°18'		89				9.5		04.8
33	" " " " "	224°55'		32				7.3		07.0
34	Gentl. elev.	158°25'		30				2.0		12.3
35	" "	25°0'		19				4.7		09.6
36	" " Top slope	337°06'		31				10.1		04.2
37	15" oak	357°15'		38				9.0		05.3
38	" "	21°15'		30				5.0		09.3
39	Gentl. elev.	73°35'		40				0.9		13.4
40	24" oak	77°20'		44						

Page 21 Transit Obs. W. Lee Line. Pearl Harbor
 Date. 10-17-33 Rec. B. Eaton

	OBJECT #5	AZIMUTH	STADIA	DIS- TANCE	INTERVALS OR VER. ANGLE		READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
					Up+ Down-	No. of Int. or Angle			
41	24" oak	92°05'		86			914.3		
✓ 42	Gentl. elev.	85°10'		92	+ 5°15'	5.1	+8.4	+3.3	17.6
✓ 43	" "	88°10'		103	+ 6°15'	5.1	+11.1	+6.0	20.3
✓ 44	" "	84°20'		144	+ 5°0'	5.1	+12.5	+7.4	21.7
✓ 45	" "	67°20'		138	+ 4°15'	5.1	+10.2	+5.1	19.4
✓ 46	24" oak	54°0'		140	+ 3°45'	5.1	+9.1	+4.0	18.3
✓ 47	" "	54°0'		154	+ 3°50'	5.1	+10.3	+5.2	19.5
✓ 48	Gentl. elev.	44°20'		180	+ 3°0'	5.1	+9.4	+4.3	18.6
✓ 49	10" oak	41°15'		176	+ 2°55'	5.1	+8.9	+3.8	18.1
✓ 50	Gentl. elev.	40°40'		192	+ 3°15'	5.1	+10.9	+5.8	20.1
✓ 51	" "	38°15'		161	+ 2°30'	5.1	+7.0	+1.9	16.2
✓ 52	12" oak	42°30'		142	+ 2°45'	5.1	+6.8	+1.7	16.0
✓ 53	Gentl. elev.	42°45'		103	+ 2°40'	5.1	+4.8	-0.3	14.0
✓ 54	24" oak	65°40'		72	+ 5°0'	5.1	+6.2	+1.1	15.4
✓ 55	Gentl. elev.	22°50'		80			4.6		09.7
✓ 56	" " Top slope	11°05'		101			8.3		06.0
✓ 57	Gentl. elev.	24°40'		134			2.7		11.6

Page 22 Transit W. L. H. L. Obs. W. L. H. L. Line W. L. H. L.
 Date 10-17-33 Rec. B. O. T. A.

	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.			
	#5									
58	Gentl elev	27°10'		152		914.3		1.3		13.0
59	" "	29°45'		160				+ 1.0	over H.I.	15.3
60	" " Top slope	10°10'		160				4.8		09.5
61	Near 75' x 145' conc slab over septic tank	14°38'		154				4.0		10.3
62	SW " " " " "	12°02'		167				4.0		10.3
63	Gentl elev	15°40'		174				3.8		10.5
64	" " Top slope	9°10'		198				8.4		05.9
65	Gentl elev	14°35'		205				1.3		13.0
66	12" Twir oak	31°0'		200		+ 2°35'	+ 9.0	5.1	+ 3.9	18.2
67	SW cor girls dormitory	33°31'		234		+ 2°52'	+ 11.7	5.1	+ 6.6	20.9
68	Gentl on surprop line	33°0'		206		+ 2°50'	+ 13.2	5.1	+ 8.1	22.4
69	12" oak	25°30'		238		+ 2°0'	+ 8.3	5.1	+ 3.2	17.5
70	Gentl elev	17°0'		232				1.5		12.8
71	" "	14°30'		216				1.5		12.8
72	" " Top slope on prop line	8°08'		224				9.1		14.2
73	" " Toe slope " " "	1°55'		224		- 4°15'	- 16.6	5.1	- 21.7	92.6
74	8" poplar	2°10'		224		- 4°15'	- 16.6	5.1	- 21.7	92.6

Page 23.....Transit Water.....Obs. Water.....Line. Parantarium
 Date. 10-17.....Rec. Beaton.....

OBJECT #5	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.			
						914.3			
75 NW cor old 7x11 1/2 conc foundation	1°26'		188	-	4°37'	-15.1	5.1	20.2	94.1
76 SW " " " " " "	1°45'		199	-	4°21'	-15.0	5.1	20.1	94.2
77 Gen'l elev Toe slope	0°15'		171	-	6°10'	-18.2	5.1	23.3	91.0
78 " " on prop. line	354°0'		223	-	3°34'	-13.9	9.1	23.0	91.3
79 Shore line on To. prop line	349°59'		228	-	5°07'	-20.3	5.1	25.4	88.9
80 edge water	347°05'		240	-	5°45'	-24.0	5.1	29.1	85.2
81 Gen'l elev	347°50'		170	-	6°45'	-19.8	5.1	24.9	89.4
82 " " Toe slope	352°20'	96	98	-	10°30'	-17.6	5.1	22.7	91.6
83 Gen'l elev	313°10'	96	98	-	12°24'	-21.0	5.1	26.1	88.2
84 edge water	302°45'		155	-	8°45'	-23.3	5.1	28.4	85.9
85 " "	254°30'		200	-	6°56'	-23.5	5.1	28.6	85.7
86 Gen'l elev	253°40'		138	-	8°45'	-20.7	5.1	25.8	88.5
87 Toe slope	232°05'		120	-	9°0'	-18.6	5.1	23.7	90.6
88 " "	227°45'		156	-	6°10'	-16.6	5.1	21.7	92.6
89 Gen'l elev	236°05'		194	-	6°20'	-20.4	5.1	25.5	88.8
90 Toe slope	227°10'		240	-	4°10'	-17.4	5.1	22.5	91.8
91 Gen'l elev	334°40'		260	-	4°30'	-20.4	5.1	25.5	88.8

Page 214 Transit Obs. Water LineDate. 10-17-23 Rec. Boeton

	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.			
92	Gen'l elev	231° 20'		276	-	4° 10' - 20.0	5.1		89.2
93	" " on No. prop line	228° 10'		318	-	3° 20' - 18.5	5.1		90.7
94	End Sance on No. prop line	225° 35'		300	-	2° 50' - 14.8	5.1		94.4
95	No. prop line & shore line (35' est.)	233° 48'		358	-	3° 14' - 20.2	5.1		89.0
96	Gen'l on No. prop line	237° 20'		384	-	2° 34' - 17.3	8.1		88.9
97	edge water interx ^{prop} No. line	239° 04'		410	-	2° 20' - 16.6	12.1		85.6
98	edge water	239° 40'		332	-	4° 08' - 24.0	5.1		85.2
99	Gen'l elev	237° 0'		317	-	4° 0' - 22.0	5.1		87.2
100	No. end row willows	239° 10'		260	-	4° 45' - 21.5	5.1		87.7
101	So. " " "	250° 45'		190	-	6° 30' - 21.3	5.1		87.9
102	E. end 3' dock	310° 0'		144	-	8° 45' - 22.0	5.1		87.2
103	N.E. cor. barge 35' x 58'	305° 0'		190					
104	NW " "	301° 25'		245					

Page.....Transit.....Obs.....Line.....

Date..... Rec.....

Date..... Rec.....

{ Don
Beaton
Steinman }

{ Hub Elevations
Stadia Survey
Preventorium }

10-18-33

Point	+	HI	-	Elev	
	2.54	927.67		925.13	
T.P.	10.02	930.64	7.05	920.62	
① Hole in Pave.			10.60	920.04	✓ ①
② on Tracks.			3.72	926.92	✓ ②
T.P.	3.90	929.69	4.85	925.79	
③			4.15	925.54	✓ ③
③ ^A			5.31	924.38	✓ ④
④ + T.P.	0.55	926.57	3.67	926.02	✓ ⑤
T.P.	6.34	923.25	9.66	916.91	
⑤			14.01	909.24	✓ ⑥
T.P.	8.24	929.31	2.18	921.07	
T.P.	3.31	931.06	1.56	927.75	
B.M.			5.97	925.09	925.13

Elev

Spk in PR Rice & Owasso Bldg.

Madraie Notes -

Spk in PR N.W. cor. Owasso Bldg & Rice St.

