BK. 132 Dr. 16

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

STADIA Survey

Mounds View Township

From Ditch # 3 To

Road Acc't. No.

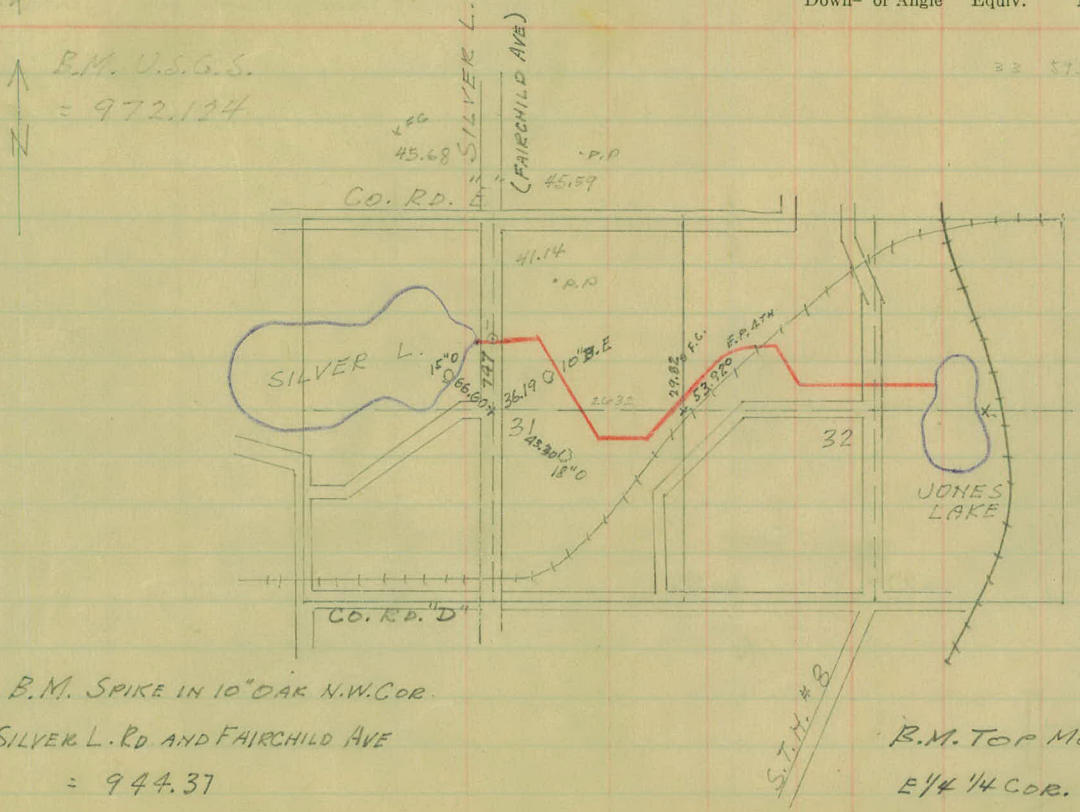
Date Filed 2-14-46 File

Page 0 Transit Obs. Line COUNTY DITCH #3

Date Rec. MOUNDS VIEW TOWNSHIP

Checked 11-8-44

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE: Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
B.M. U.S.G.S. = 972.124									
B.M. SPIKE IN 10" OAK N.W. COR. SILVER L. RD AND FAIRCHILD AVE = 944.37									
B.M. TOP MON. RET. E AND E 1/4 1/4 COR. SEC. 32 = 899.89									



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

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

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE: Up+ Down−	INTERVALS OR VER. ANGLE: No. of Int. or Angle	INTERVALS OR VER. ANGLE: Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM

Page 1 Transit Obs. Line Co. Ditch #3

Date 9-25-44 Rec.

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down− No. of Int. or Angle	INTERVALS OR VER. ANGLE Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
								U.S.G.S.
U.S.G.S. B.M. U1								972.124
								+ 8.63
	π	946.36					π	980.75
U.S.G.S. TBM. P.P.		- 7.71		938.65				- 12.25
U.S.G.S. SILVER LAKE		- 13.30		933.06			TP	968.50
SILVER L. GUAGE (L.I.)				933.36				+ 1.35
							π	969.85
								- 11.14
HUB. #1 = 747' NO. OF ℄ MONT.								
							TP	958.71
								+ 0.89
							π	959.60
								- 13.53
							T.P.	946.07
								+ 0.07
							π	946.14
								- 10.14
							T.P.	936.00
								+ 10.36
							π	946.36

Page 7 Transit ..... Obs. ..... Line CO - DITCH #3

Date 7-26-44 Rec. .....

0°-00' = NORTH
90°-00' = EAST

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE: Up+ Down–	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM	
		H.I. 5.12 - ~~943.21~~			943.48		LAKE IMPROV. DATA			
AT △ #1 - ON SECTION LINE. N&S. & SEC. 31									938.36	
TO MONT. CO. RD. "E" - SILVER L. RD.	180°-00'	747							948.78	
△ #2	79°-38'	257		+	2°-15'	+10.07	5.0	+5.07	948.55	
W.S. SILVER LAKE							10.12		933.36	
B.M. U.S.G.S. POWER POLE							4.56		(U.S.G.S. ~~938.65~~)	938.92 L.I.B.M.
15" C.M. INLET DITCH	268°-30"	32					12.00		931.48	
& FAIRCHILD	0-30"	128					3.1		40.4	
G.E	192°-30"	230					5.1		38.4	
& FAIRCHILD	0°-0"	259					1.6		41.9	
" "	179-45	353					0.3		43.2	
HILL G.E	345°-00'	192		+	3°-0	10.0	5.0	+5.0	48.5	
T.P. WATER SHORE LINE	317°-45'	99					10.12		933.36	
SHORE LINE	296°-00	186								
G.E.	316°-10	187					6.1		37.4	
"	163°-10	233		+	1	2.3	2.0	+0.3	43.8	
S.L.	328°-11	63								

Page 3 Transit Obs. Line Co. Ditch #3

Date 7-7-6 Rec.

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
SHORE LINE	192°-30'	153							
G.E.	123°-45'	78'					5.1		938.4
S.L	209°-00	220							
G.E PASTURE	49°-45'	96.					7.1		36.4
G.E KNOLL	205°-30'	280					0.0		43.5
FENCE LINE	24°-15'	75					6.4		37.1
" "	90°-00'	29					7.1		36.4
℄ DRIVE	170°-40'	168					2.5		41.0
FENCE LINE	157°-10'	87					6.4		37.1
H.I. G.E.=-.4'		4.52	953.07 953.36		~~953.22~~	953.30 (LEVEL)			948.78 LEVEL ~~948.55~~ D.K.
AT △ # 2 IN PASTURE									
△ # 1	259°-38'	1.57		→	2°-14'	10.00	5.00	-15.00	938.36
△ # 3	118°-25'	730		←	½	3.65	10.63	-14.28	939.02
G.E	219°-30	1.51					5.9		47.4
"	300°-00	129					12.5		40.8
" SADDLE	60°-15'	146					9.5		43.8

Page 4 Transit Obs. Line

Date 9-26-44 Rec.

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
G.E Top KNOWL	54°-30'	371		+	1	3.7	1.4	+2.3	955.6
GROWND OVER-TILE-LINE	119°-30'	179		−	½	0.9	13.6	-14.5	38.8
G.E Top KNOWL.	78°-30'	230		+	½	1.3	0.5	+0.8	54.1
FENCE LINE	154°-40'	168					4.5		48.8
G.E SADDLE	66°-30'	336					1.5		51.8
G.E	184°-20'	121					9.0		44.3
G.E. N.W. COR HOUSE	185°-30'	194					2.7		50.6
G.E. N.E " "	174°-00'	194					2.5		50.8
G.E Top HILL	92°-45'	318					4.0		49.3
FENCE LINE	209°-15'	184					9.8		43.5
G.E & DRAW	96°-15'	163					11.4		41.9
G.E. Top HILL	221°-30'	133					5.3		48.0
G.E	247°-20'	92					7.5		45.8
"	271°-30'	76					6.0		47.3
"	89°-00	64					5.7		47.6
G.E & DRAW	29°-31	153					11.5		41.8

Page 5 Transit Obs. Line Co. Ditch #3

Date 9-26-44 Rec.

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
FENCE COR G.E	127°-10'	245		−	1½	3.6	12.9	-16.5	936.8
" LINE G.E	103°-45'	352		−	½	1.8	13.2	-15.0	38.3
G.E	211°-45'	77					7.0		46.3
"	164°-30'	73					8.1		45.2
H.I. 4.58	{943.60 {943.63	} 943.61			M.K.				
AT Δ#3 IN PASTURE G.E.=-.5'									939.03 ~~939.02~~
Δ#2	298°-25'	7.30		+	1.	7.30	-2.15	+5.15	948.78
Δ#4	153°-20'	793					11.07		932.54
G.E. DITCH	292°-10'	4.08					8.6		35.0
G.E	211°-10'	3.88					5.4		38.2
FENCE LINE	336°-00'	345					8.1		35.5
S.E FENCE COR	255°-10'	560					5.6		38.0
FENCE LINE	345°-30'	336					9.3		35.3
TOP RIDGE	349°-10'	340		+	2	6.8	3.6	+3.2	46.8
S.E FENCE COR.	00°-15'	250					8.0		35.6
G.E.	36°-46'	405					2.5		41.1

Page 6 Transit ..... Obs. ..... Line .....

Date 9-26-44 ..... Rec. ....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
G.E.	262°-00'	310	—				6.0		937.6
G.E DRAW	342°-15'	410	—				3.8		39.8
G.E & DITCH	298°-15'	294	—				9.9		33.7
G.E	297°-20'	294	—				9.2		34.4
"	299°-30'	296	—				9.1		34.5
Top HILL	23°-15'	390	—	+	1½	5.8	5.0	+0.8	44.4
G.E	283°-30'	263					9.2		34.4
"	40°-20'	480	—				5.5		38.1
"	291°-45'	144					9.0		34.6
No+So. FENCE LINE	49°-45'	550	—				6.9		36.7
G.E	315°-00'	168					9.1		34.5
G.E & DITCH	316°-30'	168					10.0		33.6
G.E	317°-20'	168					9.3		34.3
" FENCE LINE	63°-50	472	—	-	½	2.4	10.5	-12.9	30.7
" " "	328°-15	350					7.2		36.4
G.E	336°-45'	272					9.1		34.5

Page 1 Transit Obs. Line

Date 9-26-44 Rec.

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
G.E FENCE LINE	80°-10'	430	—				6.7		936.9
G.E	2°-50'	237	—				8.7		34.9
Top HILL FENCE-LINE N+S	79°-45'	860 430	—	+	2°50'	21.2	5.0	+16.2	59.8 ?
G.E	22°-50	252	—	+	½	1.3	2.1	−0.8	42.8
Top HILL	81°-15'	585	—	+	1°45'	17.4	5.0	+12.4	56.0
Top KNOWL	14°-30'	143	—	+	2°-25'	6.0	5.0	+1.0	44.6
SADDLE	67°-45'	645	—				6.9		36.7
G.E.	355°-00	121	—				6.5		37.1
G.E So. SLOPE HILL	54°-45	620		+	½	3.1	1.5	+1.6	45.2 ?
G.E	342°-00	106	—				7.9		35.7
ANGLE PT. DITCH E	342°-45'	119	—				8.4		35.2
G.E.	314°-46'	36	—				6.7		36.9
"	243°-00'	145	—				7.0		36.6
Top HILL	228°-30'	157	—	+	2	3.1	3.2	0.0	43.6
G.E	46°-30'	184	—				8.2		35.4
Top HILL	219°-45'	47	—	+	6°30'	5.3	5.0	+0.3	43.9

Page 8 Transit ..... Obs. ..... Line .....

Date 9-26-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
G.E	68°-30	250		−	½	1.3	12.8	-14.1	929.5
"	101°-30'	100.					12.9		30.7
"	78°-00'	313		−	½	1.5	13.1	-14.6	29.0
"	114°-20'	193		−	2	3.8	12.2	-16.0	27.6
"	106°-45'	310					3.7		39.9
"	133°-50'	300					5.2		38.4
" Top Hill	125°-00'	430		+	3°.00	22.5	5.0	+17.5	61.1
" " "	135°-10'	485		+	1	4.8	2.7	+2.1	45.7
G.E	145°-20'	386					10.6		33.0
"	197°-00'	93					10.3		33.3
"	208°-00'	187					10.3		33.3
H.I. 4.56 G.E −5	937.10 937.10	937.10							
AT △ #4									933.54
△ #3	333°-20'	793.		+	½	+3.96	2.03	+1.93	939.03
(N.G.) ~~△ #5~~	~~98°-13'~~	~~777~~					~~9.03~~		
△ #5	93°-10'	458					12.84		924.26

Page 9 Transit Obs. Line CO. DITCH #3

Date 9-26-44 Rec.

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
E+W FENCE LINE	296°-00'	607					12.2		934.9
G.E.	313°-40'	700					7.3		29.8
"	288°-00'	578					10.2		26.9
"	304°-30'	770					6.5		30.6
"	271°-50'	546					8.7		28.4
"	301°-00'	860					3.0		34.1
Top KNOWL	261°-10'	375		+	1½	5.6	0.9	+4.7	41.8
G.E.	297°-30'	815					4.0		33.1
E+W FENCE LINE	268°-25'	368					4.0		33.1
E+W " "	293°-45'	664					11.3		25.8
G.E	287°-30'	395					9.9		27.2
E+W FENEE LINE	305°-40'	460					13.3		23.8
" " "	318°-20'	357		−	½	1.78	12.2	−14.0	23.1
G.E	314°-30'	630					10.3		26.8
"	312°-00'	555					8.5		28.6
"	303°-20'	283					12.7		24.4

Page 10 Transit ..... Obs. ..... Line .....

Date 9-16-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
FLOW-LINE 15" TILE	327° - 45'	321		−	1	3.21	13.45	-16.66	920.44
℄ DITCH	322° - 50'	350		−	1	3.50	12.3	-15.8	21.3
G.E	292° - 00'	258					11.0		26.1
END E+W FENCE	4° - 50'	270					5.1		32.0
G.E	273° - 30'	244					3.7		33.4
"	14° - 00'	275		+	1°-20'	6.4	5.0	+1.5	38.6
"	261° - 45'	210					0.0		37.1
℄ 20' ROAD	27° - 45'	310		+	1°-48'	9.7	5.0	+4.7	41.8
G.E	224° - 10'	87					0.7		36.4
℄ 20' ROAD	17° - 45'	234					0.7		36.4
G.E	276° - 40'	61					9.4		27.7
TOW ROAD FILL	8° - 00'	191					10.0		27.1
" " "	20° - 30'	94					11.9		25.2
G.E	330° 40'	142		−	½	.71	13.10	-13.8	23.3
℄ 22' ROAD	38° - 00'	104					5.9		31.2
" "	151° - 40'	137					0.9		36.2

Page 11 Transit ..... Obs. ..... Line .....

Date 9-26-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DIS-TANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
G.E	143°-50'	54					2.1		935.0
"	156°-45'	96					3.4		33.7
"	164°-40'	120					0.0		37.1
"	49°-45'	266		+	½	1.33	0.0	+1.3	38.4
"	64°-00'	370		+	½	1.85	2.7	−0.8	36.3
"	107°-30'	356		+	1	3.56	2.5	+1.0	38.1
"	72°-40'	350					8.8		28.3
Top HILL	125°-10'	262		+	2	5.24	1.8	+3.4	40.5
G.E	64°-40'	250					7.9		29.2
"	120°-00'	186					6.4		30.7
"	58°-30'	186					9.1		28.0
G.E N.W COR HOUSE 14' WIDE	111°-15'	190					7.2		29.9
" NE " "	109°-10'	210					8.1		29.0
G.E	82°-20'	166					12.1		25.0
TOW ROAD FILL	57°-45'	110					7.5		29.6
G.E	96°-40'	320					11.6		25.5

Page 17 Transit ..... Obs. ..... Line .....

Date 9-26-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
TOE									
LOW ROAD FILL	28°-50'	186					7.9		929.2
" " "	94°-30'	120					8.2		28.9
G. E	112°-20'	104					3.9		33.2
"	82°-00'	95					7.2		29.9
"	141°-45'	152					3.7		33.4
H.I. 4.41 G.E −.6	928.67	928.67							
	928.67								
AT Δ #5									924.26
Δ " #4	273°-10'	458		+	1½	+6.87	3.00	+3.87	932.54
Δ " 5A	72°-42'	171					12.18		916.49
FLOW LINE OUTLET 15" TILE DRAIN	285°-10'	261					10.35		918.32
G.E OVER TILE LINE	285°-10'	263					6.4		22.3
EDGE DITCH	293°-40'	178					7.3		21.4
" "	288°-50'	173					7.0		21.7
℄ DITCH	292°-00'	175					10.7		18.0
" "	310°-50'	99					12.0		16.7
" "	55°-30'	116		−	5°-20	11.4	5.0	−16.4	12.3

RAIN

Page 13 Transit Obs. Line Co. Ditch #3

Date 9-27-44 Rec.

928.67

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
EDGE DITCH	313°-15'	102	~				9.3		919.4
" "	307°-30'	95	~				8.7		20.0
W INLET DRIVEWAY CULV 15"	337°-30'	68	~	−	1½	.34	13.5	-13.8	14.9
G.E & DRIVE	348°-30'	65	~				10.2		18.5
E INLET DRIVEWAY CULV 15'	359°-30'	63	~				14.4		14.3
EDGE DITCH	359°-30'	55	~				10.4		18.3
" "	00°-0'	69	~				11.1		17.6
℄ RIDGE	169°-15'	39	~				2.0		26.7
G.E	358°-00'	185	~				5.9		22.8
℄ RIDGE	102°-45'	100	~				7.7		21.5
G.E	79°-00'	95					10.9		18.0
SLOPE HILL	358°-30'	263	~	+	3°-5'	14.2	5.0	+9.2	37.9
℄ 22' ROAD	358°-30'	300	~	+	2°-20'	12.2	5.0	+7.2	35.9
" " "	337°-45'	329	~	+	3°-4'	17.5	5.0	+12.5	41.2
EDGE DITCH	58°-30'	107					12.0		16.7
G.E	330°-30'	23					8.0		20.7

Page 14 Transit ..... Obs. ..... Line .....

Date 9-27-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
G. E	90°-45'	165					9.7		918.8
"	80°-00'	166					11.5		17.2
℄ RR' ROAD	19°-45'	316		+	1½	1.58	0.8	+0.8	29.5
G. E	19°-20'	293					2.4		26.3
EDGE DITCH	69°-40'	175					12.8		15.9
G. E	358°-20'	193					4.9		23.8
"	29°-40'	242					9.8		18.9
HUB Δ #6	30°-26'	550					10.44		918.23
AT Δ 5A H.I. 4.63 G.E		-.6	= 921.12 / 921.26				921.19		916.49
Δ 5	252°-42' ~~292°-42'~~	171		+	2°-41	+8.00	5.0	+3.00	924.26
EDGE DITCH	289°-30'	66					4.7		16.5
" "	16°-30'	25					6.1		15.1
℄ DITCH	16°-30'	18					9.6		11.6
G. E. TOE RD FILL	5°-30'	194					6.0		15.2
" " " "	28°-50'	246					9.7		12.0
G. E.	41°-30'	142					10.5		10.7

Page 15 Transit ..... Obs. ..... Line .....

Date 9-22-[illegible] Rec. ....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
G.E	139°-45'	70					7.9		913.3
"	156°-45'	132					10.6		10.6
FLOW LINE R.R. CULVT. 2.5X3.0 CONC	128°-45'	171					14.0		07.2
G.E	129°-10'	156					11.7		09.5
℄ DOUBLE RR TRACKS	134°-00	224		+	3°-13'	12.6	5.0	+7.6	28.8
TOE R.R. FILL	102°-30'	187					11.9		09.3
" " "	82°-30'	237					11.6		09.6
G.E	80°-30'	176					12.0		09.2
EDGE DITCH	66°-30'	82					9.3		11.9
℄ DITCH	70°-00'	80					10.8		10.4
℄ "	61°-45'	160					11.7		09.5
EDGE "	61°-40'	165					11.4		09.8
" "	60°-40'	150					10.2		11.0
" "	75°-00'	81					8.6		12.6
G.E	107°-50'	87					10.0		11.2
"	60°-50'	203					12.1		09.1

Page 16 Transit ..... Obs. ..... Line .....

Date 9-27-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
TOE RIDGE	180°-15'	74					6.1		915.1
" "	212°-00'	121		+	½	0.6	5.4	-4.8	16.4
℄ DITCH	49°-10'	202					12.2		09.0
EDGE "	49°-20'	204					11.7		09.5
" "	46°-50'	196					10.5		10.7
" "	31°-00'	325					9.6		11.6
℄ "	32°-20'	331					13.6		07.6
EDGE "	33°-00'	344					9.8		11.4
H.I. 4.53 G.E.-.4		922.78 922.78	922.78						
AT △ #6									918.23
△ #5	210°-26'	549		+	1½	+8.23	6.75	+1.48	924.26
△ #7	18°-09'	1.24					10.72		912.06
MONT.	104°-30'	6.76							
℄ 22' ROAD	210°-00'	198		+	½	1.0	0.00	+1.0	23.8
℄ 22' ROAD ON CURVE	191°-10'	139					3.1		19.7

Page 17 Transit ..... Obs. ..... Line Co. DITCH #3

Date 9-27-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
G.E	181°-00'	172					2.6		920.2
TOE RD.	172°-40'	132					9.7		13.1
℄ DOUBLE TRACK	113°-50'	383		+	1	3.8	1.5	+2.3	25.1
EDGE DITCH	118°-00'	84					10.8		12.0
" "	115°-20'	101					10.9		11.9
℄ "	117°-10'	94		−	6°-28'	10.6	5.0	15.6	07.2
TOE R.R. FILL	118°-00'	341					7.4		15.4
G.E	130°-00'	264					10.3		12.5
"	108°-00'	201					7.0		15.8
"	128°-00'	49					11.4		11.4
"	103°-50'	290					7.0		15.8
TOE ROAD FILL	150°-30'	33					10.4		12.4
" R.R. FILL	102°-30'	374		+	1°-00'	6.5	10.0	-3.5	19.3
" " "	84°-10'	460		+	0°-12'	1.6	5.0	-3.4	19.4
EAST-END 24" C.M. X DRAIN	166°-00'	74					11.0		11.8
WEST " " " "	205°-10'	78					7.2		15.6

Page 18 Transit ..... Obs. ..... Line .....

Date 9-27-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
G.E	77°-45'	300					3.2		919.6
"	74°-20'	174					9.0		13.8
"	224°-00'	175					3.4		19.4
EDGE DITCH	56°-30	132					9.1		13.7
" "	57°-00'	108					8.3		14.5
℄ "	55°-00'	124		−	2°-30'	5.4	10.0	-15.4	07.4
Top HILL	249°-45'	300		+	5°-00'	26.1	5.0	+21.1	43.9
" "	271°-30'	268		+	6°-23'	29.8	5.0	+24.8	47.6
G.E SLOPE "	272°-30'	164		+	6°-30'	18.5	5.0	+13.5	36.3
℄ ROAD DITCH	281°-15'	36					7.7		15.1
Top CUT	330°-30'	112		+	5°-00'	9.8	5.0	+4.8	27.6
TOE ROAD FILL	9°-45'	69					9.0		13.8
G.E	36°-20'	81					10.5		12.3
SE. COR FOUNDATION 21' WIDE	32°-30'	150					8.7		14.1
S.W " "	22°-30'	137					7.3		15.5
℄ DITCH	37°-00'	193		−	1°-45'	5.9	10.0	-15.9	06.9

Page 19 Transit ..... Obs. ..... Line .....

Date 9-27-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
EDGE DITCH	35°-00'	179	~				9.1		913.7
" "	39°-00'	206	~	−	1°-30'	5.4	5.0	-10.4	12.4
G.E.	55°-00'	267	~				10.1		12.7
℄ ROAD AT DRIVE	356°-30'	167					3.9		18.9
℄ DR	13°-30'	169	~				8.2		14.6
G.E.	347°-30'	336		+	2	6.72	3.3	+3.4	26.2
℄ 22' RD	358°-00'	318					2.8		20.0
℄ RD DITCH	350°-00'	323					5.9		16.9
TOW RD FILL	3°-10'	320	~				8.8		14.0
℄ ROAD	359°-00'	640					0.0		22.8
℄ RD DITCH	355°-00'	418					6.7		16.1
" " "	356°-30'	518		+	½	2.59	6.1	-3.5	19.3
TOP HILL	346°-00'	422		+	3	12.66	4.6	+8.1	30.9
G.E	13°-30'	343	~				13.4		09.4
TOP HILL	349°-30'	530		+	1½	7.9	1.7	+6.2	29.0
℄ 22' RD	358°-50'	504					1.8		21.0

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

Date 9-22-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
24" C.M. X DRAIN EAST	1°-50'	570					8.7		914.1
24" C.M. X DRAIN WEST	356°-15'	595		+	½	2.97	10.6	-7.63	15.15
TOE RD FILL	0°-40'	8.06		+	1	8.06	5.5	+2.6	25.4
℄ DRIVE	2°-30'	500					4.0		18.8
℄ 20' RD	359°-10'	820		+	1	8.2	2.6	+5.6	28.4
TOE RD FILL	2°-45'	396					10.5		12.3
℄ RD DITCH	357°-45'	820		+	½	4.1	5.5	-1.4	27.4
H.I 4.48 G.E-6		916.54 916.57	916.55						912.07 ~~912.06~~
AT Δ ±7									
Δ ±6	198°-9'	724		+	½	43.62	1.96	+1.66	918.23
Δ									
✓ HI WIND MILL EAST	96°-7'								
℄ RD	194°-30'	468					6.4		10.1
S + E FENCE COR	266°-45'	44					3.1		13.4
EDGE DITCH	193°-00'	397					6.7		09.8
" "	191°-10'	395					5.3		11.2

Page 21 Transit ..... Obs. ..... Line C.O. DITCH #3

Date 9-27-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
℄ DITCH	192°-10'	398					10.5		906.0
N.E COR HOUSE 18' LONG	188°-00'	403					5.0		11.5
S.E " "	188°-00'	420					4.7		11.8
Top KNOL	271°-00'	137		+	6°-35'	15.7	5.0	+10.7	27.2
℄ BRIDGE OVER DITCH	192°-30'	329					8.2		08.3
G.E	201°-50'	294					8.2		08.3
Top KNOLE	336°-00'	265		+	4°-05'	18.8	5.0	+13.8	30.3
EDGE DITCH	194°-20'	224					9.7		06.8
" "	192°-45'	222					9.4		07.1
℄ "	193°-50'	222					11.5		05.0
℄ ANGLE "	193°-00'	216					11.6		04.9
Top KNOL	00°-00'	310		+	3°-30'	18.8	5.0	+13.8	30.3
G.E,	352°-00'	248		+	2°-25'	10.5	5.0	+5.5	22.0
" RAVINE	341°-00'	130					0.5		16.0
℄ DITCH	191°-00'	204					12.0		04.5
EDGE "	191°-00'	201					9.8		06.7

Page 27 Transit ..... Obs. ..... Line .....

Date 9-27 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
EDGE DITCH	187°-45'	209					9.4		907.1
Top KNOL	23°-40'	120		+	6°-00'	12.5	5	+7.5	24.0
G.E	172°-20'	276					10.6		05.9
N+S FENCE LINE	204°-30'	111					4.3		12.2
G.E BARN YARD	174°-30'	420					3.3		13.2
G.E	158°-45'	430		+	½	2.1	1.4	+0.7	17.2
℄ RAVINE	218°-10'	202					7.7		08.8
H.I. 4.20 G.E-.6		916.27							
AT △ #7									912.07
AZI WIND MILL EAST	96°-7'								
△ #8	104°-01'	649		+	1	+6.49	3.53	+2.96	919.23
℄ 22' RD	339°-45'	687		+	4°-05'	48.8	5.0	+43.8	60.1
Top HILL	308°-30'	700		+	5°-25'	66.0	5.0	+61.0	77.3
" "	296°-10'	615		+	6°-07'	65.5	5.0	+60.5	76.8
F. CTO-W+S	327°-50'	550		+	5°-13'	50.0	5.0	+45.0	61.3
G.E	296°-20'	500		+	5°-25'	47.1	5.0	+42.1	58.4

Page 23 Transit ..... Obs. ..... Line .....

Date 9-28-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
G.E	286°-30'	546		+	5°-35	53.2	5.0	+48.2	964.5
"	156°-00'	365					8.1		08.2
"	149°-40'	312					12.1		04.2
EDGE DITCH	143°-20'	264					11.9		04.4
℄ DITCH	140°-10'	263					12.6		03.7
EDGE - DITCH	142°-45'	260					12.6		04.3
F.C. TO E+S	140°-10'	277					12.6		03.7
Top HILL	237°-50'	686		+	3°-50'	45.8	5.0	+40.8	57.1
G.E	129°-00'	190					12.1		04.2
RAVINE	242°-30'	500		+	2°-25'	21.1	10.0	+11.1	27.4
AZI TO SADDLE	259°-00'	650					7		
E+W FENCE LINE	92°-40'	139					8.1		08.2
" " "	92°-30'	260					6.3		10.0
G.E	102°-30'	267					11.6		04.7
"	118°-10'	290					12.9		03.4
℄ DRAW	60°-00'	190		+	1°-50'	6.1	10.0	-4.1	12.2

Page 24 Transit ..... Obs. ..... Line .....

Date 9-28-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
EDGE DITCH	128°-30'	333					12.0		904.3
" "	130°-10'	340					11.8		04.5
℄ DITCH	129°-10'	335					13.0		03.3
G.E	135°-20'	370					8.5		07.8
Top HILL	145°-00'	448		+	2°00'	15.4	5.0	+10.4	26.7
F. COR. TO S+W	91°-50'	426					6.5		09.8
G.E	131°-45'	498					6.5		09.8
FENCE LINE SO.	98°-15'	430					8.1		08.2
" " "	104°-30'	440					4.3		12.0
EDGE DITCH	120°-00'	443					10.5		05.8
" "	118°-40'	436					11.0		05.3
℄ "	119°-20'	440		÷	1/2	2.2.	11.3	-13.5	02.8
G.E	109°-10'	400					9.6		06.7
EDGE DITCH	116°-20'	470					10.0		06.3
" "	117°-50	481					10.4		05.9
℄ "	117°-50'	473		−	1/2	2.36	11.2	-13.6	02.7

Page 75 Transit ..... Obs. ..... Line Co. Ditch #3

Date 9-28-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
AT Δ #7									912.07
To Δ #7A	118°-42'	538					8.11		908.16
H.I 4.59 G.E -.5	912.75 / 912.75 } 912.75								
AT Δ 7A									908.16
Δ #7	298°-42'	538					0.68		912.07
FENCE COR.	205°-30'	106		+	4°-40'	8.6	5.0	+3.6	16.3
TOE R.R. FILL	191°-30'	69		+	3°-30	4.2	3.0	+1.2	13.9
G.E	272°-00'	12					5.8		06.9
"	32°-20'	240					6.9		05.8
EDGE DITCH	51°-30'	46					5.5		07.2
℄ "	44°-20'	52					10.6		02.1
EDGE DITCH	41°-00'	62					7.0		05.7
G.E	33°-00'	350					7.3		05.4
"	33°-30'	450					4.3		08.4
℄ DITCH ANGLE	51°-10'	63					11.6		01.1

Page 26 Transit ..... Obs. ..... Line .....

Date 9-28-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
℄ DITCH	48°-30'	74					11.6		901.1
" "	47°-30'	86					11.6		01.1
EDGE "	48°-45'	88					9.7		03.0
" "	44°-00'	91					8.6		04.1
G.E	34°-30'	585		+	1	5.85	4.5	+1.3	14.0
EDGE DITCH	44°-30'	165					9.5		03.2
" "	47°-00'	166					9.6		03.1
℄ "	46°-10'	166					11.8		00.9
TOE R.R. FILL	45°-10'	590					6.3		06.4
36" IRON R.R CUVT. F.L	44°-30'	178					12.83		899.92
G.E TOE R.R. FILL	44°-45'	486					7.7		905.0
G.E AT CUVT	44°-15'	177					12.9		899.8
TOE R.R FILL	44°-30'	386					8.5		904.2
" " "	44°-30'	275					8.8		03.9
G.E	15°-00'	90					3.8		08.9

Page 27 Transit ..... Obs. ..... Line .....

Date 9-28-44 Rec. ....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE: Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
H.I. 4.70 G.E −.4		923.93 923.95	923.94						
AT Δ #8 ON R.R FILL	& EAST " WEST,	TRACK "	9.2 6.3						919.24 ~~919.23~~
Δ #7	284°-01'	649					11.88		912.07
Δ #9	90°-21'	463		−	2	−9.26	11.43	−20.69	903.25
G.E	307°-30'	620					2.8		21.1
Top KNOLE	316°-15'	400		+	1	4.0	1.1	+2.9	26.8
G.E	221°-30'	325					4.5		19.4
"	333°-40'	276					9.4		14.5
"	333°-15'	192					8.5		15.4
& DRAW	357°-50'	226		−	1½	3.4	11.7	−15.1	08.8
& E-TRACK	45°-15'	217					~~5.75~~		~~18.2~~ ?
" W- "	41°-10'	217					9.0		14.9
" " "	46°-30'	625					8.2		15.7
" E "	47°-50'	626					8.3		15.6
" " "	214°-30'	109					3.1		20.8
" W "	222-35	109					3.5		20.4

Page 24 Transit ..... Obs. ..... Line .....

Date 9-24-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
℄ W. TRACK	219°-35'	2.40					2.2		921.7
" E "	215°-50'	2.40					2.2		921.7
" " "	216°-00'	3.28					1.5		22.4
" W "	218°-30'	3.29					1.6		22.3
H.I 4.32 G.E-1.6		907.57 907.42			907.50				903.18 ~~903.25~~
AT Δ #9									
Δ #8	270°-27'	463		+	2°-05'	16.82	5.00	+11.82	919.24
Δ #10	96°-02'	850					2.67		904.83
G. E	54°-00'	18					4.4		03.1
W. S. POND	104°-00'	77					11.62		895.88
FL. 36" IRON R.R CLVT.	266°-25'	430					7.8		99.7
G. E. TOE R.R-FILL	266°-40'	430		+	½	2.1.	6.1	-4.0	903.5
G.E	40°-00'	171					4.1		03.4
W. S POND	56°-20'	193					11.62		
TOE R.R. FILL	254°-40'	550		+	1°-30'	14.4	10.0	+4.4	911.9
TOP HILL	251°-30	525		+	1°-25'	13.0	5.0	+8.0	15.5

Page 79 Transit ..... Obs. ..... Line Co. DITCH #3

Date 9-28-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
G.E	33°-10'	309					6.1		901.4
W.S. POND	39°-30'	320					11.62		
FENCE LINE N+S	249°-10'	505		+	1°-23'	12.2	5.0	+7.2	914.7
" COR	259°-00'	400					3.9		03.6
G.E	31°-30'	457					7.4		00.1
W.S. POND	35°-00'	464					11.62		
TOE FILL R.R.	279-00	360					5.8		901.7
" " "	299-30	2.92					6.4		01.1
G.E	311-30	2.54					7.4		898.1
TOE FILL R.R	329°-20'	2.93					5.7		901.8
FENCE COR	329°-20'	232					6.8		00.7
TOE R.R. FILL	348°-50'	335					3.9		03.6
G.E	32°-00'	570					7.5		00.0
W.S. POND	33°-50'	570					11.62		
TOE-R.R FILL	4°-30'	410		+	1°-35'	11.3	5.0	+6.3	913.8
G.E	2°-20'	253		+	2	5.06	5.9	+0.8	08.3

Page 30 Transit ..... Obs. ..... Line .....

Date 9-28-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
G.E	16°-10'	206		+	1	2.1	3.0	-0.9	906.6
FENCE COR	28°-15'	295					2.6		04.9
" "	27°-30'	416		+	1½	6.2	3.8	+2.4	09.9
G.E	36°-45'	1100		+	1	11.0	4.3	+6.7	14.2
G.E	15°-50'	330		+	1	3.3	2.5	+0.8	08.3
FENCE LINE	36°-35'	1050					7.4		00.1
W.S. POND	33°-05'	810					11.62		
" "	34°-40'	960					11.62		
FENCE COR	330°-20'	127					7.7		900.3
G.E	270°-40'	128					9.4		898.1
"	252°-40'	194					8.7		98.8
"	245°-40'	246					5.3		902.2
" FENCE E+W	244°-20'	264		+	½	1.3	0.8	+0.5	08.0
W.S. POND	43°-15'	1015					11.62		
" "	49°-40'	1045					11.62		
G.E	43°-15'	1055		+	½	5.3	0.6	+5.3	912.8

Page 31 Transit ..... Obs. ..... Line .....

Date 9-28-44 Rec. ....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
G.E	238°-40'	356		+	1°-10'	7.2	5.0	+2.2	909.7
"	52°-80'	1110					6.8		00.7
"	235°-30'	485		+	2°-00'	16.6	5.0	+11.6	19.1
"	207°-00'	403		+	2°-20'	16.4	5.0	+11.4	18.9
"	196°-30'	363		+	2°-05'	13.2	5.0	+8.2	15.7
"	185°-00'	415		+	2°-00	14.2	5.0	+9.2	16.7
"	173°-30'	478		+	2°-10'	18.0	5.0	+13.0	20.5
℄ RAVINE TO POND	171°-30'	496		+	1°-50	15.8	10.0	+5.8	13.3
Top HILL	169°-50'	510		+	2°-00'	17.5	5.0	+12.5	20.0
N.E. COR BLDG 19' WIDE	115°-10'	717					9.5		898.0
N.W. COR "	116°-50'	695					9.7		97.6
G.E Top HILL	160°-20'	610		+	1°-20'	14.2	5.0	+9.2	916.7
N.E COR BLDG 20' WIDE	120°-00'	680					8.3		899.2
N.W. COR "	120°-30'	670					8.4		99.1
G.E	155°-50'	643					5.0		902.5
℄ DRAW	151°-45'	650					9.0		898.5

Page 37 Transit ..... Obs. ..... Line .....

Date 9-28-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE: Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
N.E COR BARN 21' WIDE	121°-15'	655					9.4		898.1
N.W. " " "	122°-50'	633					9.4		98.1
G.E	148°-40'	652					10.3		97.2
℄ SILO	124°-30'	630					9.3		98.2
24" CM Y DRAIN N. FOSS ROAD	150°-20'	790					8.25		99.25
" " " " SO " "	152°-30'	818					7.80		99.7
W.S. POND	120°-10'	613					11.6±		
℄ FOSS ROAD	151°-00'	806					3.5		904.0
N.W. COR 2-ST STUCCO HOUSE 27' WIDE	128°-10'	660					4.8		02.7
S.W " " " " "	129°-50'	673					3.5		04.0
℄ FOSS RD	157°-10'	772		+	½±	3.8	6.4	-2.6	04.9
" " "	140°-40'	917					4.7		02.8
G.E	135°-50'	577					6.5		01.0
FENCE COR. TOE FILL	142°-20'	840					1.2		899.3
W.S. POND	129°-00'	510					11.6±		
TOE ROAD	146°-20	805					8.9		898.6

Page 33 Transit ..... Obs. ..... Line C.O. DITCH #3

Date 9-28-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
W.S. POND	142°-00'	433					11.62		
G.E	151°-00'	767					7.8		899.7
"	143°-20'	450					10.8		96.7
"	145°-50'	710					10.5		97.0
" & R.D. OVER 18" X 10' TILE CULV. N.G	150°-30'	513					8.2		99.3
F.L 18"X10' TILE CULV.	150°-40'	508					10.5		97.0
G.E	140°-40'	810					9.3		98.2
FENCE LINE	159°-40'	487					7.1		900.4
G.E	137°-30'	728					7.9		899.6
& DRIVE	155°-10'	463					9.0		98.5
G.E	143°-15'	650					9.8		97.7
W.S. POND	149°-00'	400					11.62		
G.E	147°-30'	600					10.1		97.4
"	174°-40'	348		+	1/2	1.7	3.6	-1.9	905.6
"	155°-40'	570					6.0		01.5
& DRIVE	163°-00'	292					9.3		898.2

Page 34 Transit ..... Obs. ..... Line .....

Date 9-28-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE: Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
W.S. POND	156°-30'	292					11.62		
FENCE COR	184°-15'	163					5.5		902.0
℄ DRIVE	180°-45'	91					8.6		898.9
G.E	149°-45'	96					10.6		96.9
W.S. POND	141°-15'	113					11.62		
G.E	213°-50	203					5.2		902.3
"	213°-45	184					8.5		899.0
" END DITCH	138°-15	79					11.5		96.0
℄ DITCH	155°-30	91					11.5		96.0
" "	163°-30	93					11.2		96.3
" "	220°-00'	86					10.2		97.3
℄ DRIVE	300°-00'	34					6.8		900.7
G.E	219°-30	36					9.0		898.5

Page 35 Transit ..... Obs. ..... Line .....

Date 10-7 ..... Rec. ....

OBJECT	AZIMUTH	STADIA	DIS-TANCE	INTERVALS OR VER. ANGLE: Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
H.I. 4.47 G.E -.5		909.30	909.34						904.87
AT Δ #10		909.38							~~904.83~~
Δ #9	276°-02'	849					6.20		903.18
Δ #11	109-08'	1068					5.48		903.86
G.E FARM YARD	218°-30'	360					7.7		01.6
" " "	215°-30'	370					3.1		06.2
N.E COR HOUSE 27 WIDE	209°-50	420		+	1°-40'	12.2	10.0	+2.2	11.5
S.E " "	208°-40'	436		+	1°-40'	12.7	10.0	+2.7	12.0
TOE R.R FILL	322°-40'	890					5.9		03.4
" " "	328°-00'	890					10.5		898.8
W.S. POND	275°-50	223		−	1/2	−1.12	12.42	13.54	895.80
" "	30°-30'	706							
G.E	195°-15'	400		+	1/2	2.0	1.0	+1.0	910.3
"	202°-00'	312					1.9		07.4
"	214° 00'	246					8.8		00.5
W.S. POND	242°-40	98					13.54		

Page 36 Transit ..... Obs. ..... Line .....

Date 10-7-46 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
G E	241°-00'	85					12.1		897.2
"	25°-30'	710					10.5		98.8
W S. POND	3°-15'	600					13.54		
" "	8°-00'	475					13.54		
" "	21°-30'	357					13.54		
G E	16°-00	497		+	½	25	1.0	+1.5	910.8
& DITCH	279°-30'	89					13.0		896.3
" "	196°-00'	82					13.-		96.1
EDGE "	195°-30'	88					11.3		98.0
G E	178°-30'	295					1.7		907.6
G E	6°-40'	600					10.3		899.0
" EDGE DITCH	195°-10'	73					10.4		98.9
GE	11°-10'	630					11.2		98.1
"	192°-30'	24					7.4		901.9
"	11°-30'	485					9.4		899.9
"	182°-50'	139					8.0		901.3

Page 27 Transit ..... Obs. ..... Line ..... CO. DITCH #3 .....

Date 10-7-44 ..... Rec. ....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
G.E	29°-15'	3.70					10.5		898.8
FENCE LINE N+S	42°-10'	4.50					7.6		901.7
G.E	33°-10'	4.50		+	1/2	2.2	0.0	+2.2	11.5
G.E	162°-15'	3.23					2.4		06.9
"	151°-00	2.11					2.5		00.8
W.S. POND	38°-30'	2.80					13.54		
℄ RAVINE	49°-15'	3.17		−	1/2	1.6	11.5	−13.1	896.2
G.E	42°-10'	3.54					8.8		900.5
F.L. 30" CM-DITCH W	147°-15'	1.17					14.5		894.8
" " " " E	141°-00	1.34					14.7		94.6
EDGE DITCH	136°-00'	1.35					10.0		99.3
EDGE "	142°-20'	1.42					9.4		99.9
℄ DITCH	139°-15'	1.39					13.2		96.1
G.E	75°-30'	96	1				3.1		906.2
"	79°-30'	1.72	2				9.3		00.0
"	67°-30'	2.03	3				4.9		04.4

Page 38 Transit ..... Obs. ..... Line .....

Date 10-3-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
DRAW	39°-30'	528	✓				5.6		903.7
G.E	~~77°-30'~~	704	✓ 4				6.2		03.1
"	42°-00'	585		+	1/2	2.9	1.6	+1.3	10.6
"	96°-30'	304	5				11.7		897.4
"	60°-40'	552					1.2		908.1
& DITCH	114°-30	333		—	1/2	1.6	12.6	-14.2	895.1
G.E SWAMP	59°-30	418					11.8		97.5
G.E	128°-00'	360					12.7		96.6
"	77°-41'	481					8.3		901.0
"	140°-30'	421					9.1		00.2
F.C N+S.E	77°-15'	335					7.5		01.8
G.E	99°-40'	384					13.4		895.9
ANGLE & DITCH	112°-15'	397		—	1/2	2.0	17.8	-14.8	94.5
W.S POND	12°-30'	200					13.54		
G.E	18°-30'	176					10.8		98.5
"	33°-30'	130					4.9		904.4

Page 39 Transit ..... Obs. ..... Line .....

Date 10-2-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
SHORE LINE POND	120°-10'	540							
W.S. POND	331°-30	92					13.54		
G.E	6°-30'	36					4.6		904.7
H.1 4.64 GE-.5		908.50 908.67 }	908.58						903.94
AT Δ #11 = KNUTE #13									~~903.86~~
Δ #10	289°-08'	1068					3.80		904.87
Δ #12 = KNUTE #14	155°-35	302		+	1°-43	+9.04	5.0	+4.04	912.62
℄ DRIVE	328°-00'	613	—	+	1°-25'	15.2	5.0	+10.2	18.8
G.E	241°-10'	1200	—				3.5		05.1
G.E	320°-45	590	—	+	1°-05'	11.1	10.0	+1.1	09.7
"	257°-00'	920	—				11.1		897.5
"	305°-00	555					5.2		903.4
SHORE LINE POND	259°-10'	770							
G.E	265°-30'	960					6.5		902.1
"	295°-40'	512					10.2		898.4

Page 40 Transit ..... Obs. ..... Line .....

Date 10-7-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE: Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
G. E	287°-30'	490		−	½	2.4	10.8	13.2	895.4
℄ FOSS RD	256°-30'	11.60					7.5		901.1
SHORE LINE POND	284°-00'	390							
G.E	258°-30'	1055					11.6		897.0
"	291°-30'	370		−	½	1.8	10.4	-12.2	96.4
"	305°-10'	342					7.0		901.6
℄ DRIVE	315°-10'	476		+	1	4.7	5.5	−0.8	07.8
℄ DRIVE	315°-00'	437		+	1	4.4	3.8	+0.6	09.2
℄ FOSS ROAD	254°-00'	980					8.2		00.4
SHORE LINE POND	253°-15'	800							
℄ DRIVE	317°-30'	493		+	1	4.9	3.9	+1.0	09.6
" "	323°-00'	546		+	2	10.92	4.7	+6.2	14.8
℄ FOSS RD	250°-00'	790					8.8		899.8
" " "	245°-15'	646					9.1		99.5
G.E	334°-20'	550		+	1°-15'	12.0	5.0	+7.0	915.6
"	329°-00'	454		+	1°-40'	13.2	5.0	+8.2	16.8

Page 41 Transit ..... Obs. ..... Line Co. DITCH #3

Date 10-7-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
SHORE LINE POND	248°-20'	647							
" " "	346°-10	560							
℄ DRIVE	321°-20'	388		+	1°-07'	7.6	5.0	+2.6	911.2
" "	325°-10'	364		+	1°-30'	9.5	5.0	+4.5	13.1
" "	324°-00'	338		+	1	3.4	0.4	+3.0	11.6
" "	314°-30'	294					5.5		03.1
℄ FOSS RD	240°-10'	550					8.8		899.8
" " "	234°-20	460					6.1		902.5
℄ DRIVE	309°-40'	270					8.4		00.2
" "	303°-40'	217					9.2		899.4

Page 42 Transit ..... Obs. ..... Line .....

Date 12-3-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
	908.58								
H.I 4.64 G.E-5									
AT Δ #11 = KNUTE #13									903.94
Δ #10	289°-08'								
									904.87
G.E.	308°-40'	323					8.2		00.4
"	238°-00'	426					10.5		898.1
SHORE LINE	248°-40'	396							
" "	246°-40'	288							
G.E	283°-10'	246					12.7		95.9
"	228°-10'	340					6.5		902.1
"	266°-30'	152					12.1		896.5
℄ DRIVE	293°-10'	145					9.2		99.4
" "	251°-15'	73					10.3		98.3
" "	172°-00'	122					10.0		98.6
SHORE LINE.	270°-30'	268							
" "	249°-00'	190							

Page 43 Transit ..... Obs. ..... Line .....

Date 10-3-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
℄ FOSS RD	222°-50'	370					1.7		906.9
" " "	204°-10'	295		+	1½	1.5	0.3	+1.2	09.8
TOE " " SLOPE	179°-01'	230					4.7		03.9
G.E	316°-00'	177					6.8		01.8
℄ DITCH	229°-10'	161		−	1½	0.8	12.6	-13.4	895.2
TOE FOSS RD SLOPE	164°-00'	234					4.1		904.5
WATER ELEV- POND	245°-40'	202		−	1½	1.01	12.70	-13.71	894.87
℄ DRIVE	178°-10'	198					7.5		901.1
" "	191°-40'	222					6.8		01.8
" "	205°-30'	269					1.4		07.2
30" C.M INLET F.L	188°-10'	120					14.5		894.1
℄ DITCH AT INLET	187°-15'	120		−	1	1:2	14.0	-15.2	893.4
EDGE DITCH	186°-45'	130					10.6		98.0
" "	188°-30'	109					10.6		98.0
G.E	332°-30'	275		+	2	5.50	1.9	+3.6	912.2

Page 44 Transit ..... Obs. ..... Line .....

Date 10-3-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
FL. 30" C.M	149°-00'	129					14.32		894.26
" 24" CONC SIDE DRAIN	150°-20'	128					12.55		96.03
& 5'X4.5 BOX	150°-00'	128					9.25		99.4
EDGE DITCH	221°-40'	160		−	1½	0.8	11.6	−12.4	96.2
" "	222°-00'	151					11.8		96.8
FENCE COR.	178°-30'	107					9.8		98.8
" "	180°-00'	192					7.8		900.8
G.E & DRIVE	335°-45'	330		+	2°-00'	11.3	5.0	+6.3	14.9
" OVER CULVERT	183°-00'	115					10.4		898.2
G.E & DRI	355°-30'	297		+	1°-15'	6.5	5.0	+1.5	910.1
G.E.	355°-10'	231		+	2°-25'	9.7	5.0	+4.7	13.3
"	354°-10'	52					1.5		07.1
& DRAW	354°-00'	123					2.3		06.3
TOE SLOPE STA 8	113°-30'	79					6.9		01.7
G.E	164°-00'	117					10.6		898.0
" & DRAW	315°-30'	110					6.5		902.1

Page 45 Transit ..... Obs. ..... Line CO. DITCH #3

Date 10-3-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
H.I. 5.15	917.77 / 917.79 } 917.78								912.63
AT Δ #12 = KNUTE #14	INTERSECTION #8 + FOSS RD								~~912.62~~
Δ #11 = KNUTE #13	335°-35'	302		−	1	-3.02	10.83	-13.85	903.94
Δ #13 = KNUTE #15	54°-32'	240		−	½	-1.20	12.87	-14.07	903.71
℄ W¼ COR SEC. 3	270°-18'								
℄ FOSS RD	271°-30'	126					7.2		910.6
TOE SLOPE STH #8	351°-10'	286					11.9		05.9
" " "	354°-00'	375					10.8		07.0
℄ STH #8	18°-00'	147					2.7		15.1
" " "	181°-00'	332		+	½	1.6	0.5	+1.1	18.9
SO. END 24" C.M. X DRAIN FOSS RD	240°-50'	65					13.6		04.2
EDGE-DITCH	242°-45'	73					9.9		07.9
℄ DRIVE	355°-50'	567					4.2		13.6
F.C. SO + EAST	91°-30'	36					6.0		11.8
℄ ST. H. #8	359°-50'	586					3.3		14.5
℄ FOSS RD OVER X DRAIN	271°-30'	54					6.1		11.7

Page 11-6 Transit ..... Obs. ..... Line .....

Date 10-3-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE: Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
		917.78							
TOE SLOPE STH #8	33°-00'	65					8.4		909.4
No 24" C.M ENT. CULV	197°-30'	185					9.9		07.9
So " " " "	175°-10'	211					9.4		08.4
℄ STH #8	00-00'	390					5.8		12.0
" " "	00°-00'	192					6.6		11.2
G.E	77°-00'	304					7.6		10.2
G.E E+W FENCE LINE	90°-30'	149					2.3		15.5
" " " "	90°-20'	295					3.8		14.0
℄ DRIVE OVER CULV	196°-15'	199					2.6		15.2
G.E	67°-00'	188					7.8		10.0
E SHLDR #8	8°-40'	160					6.6		11.2
W " "	352°-00'	162					6.7		11.1
℄ DRIVE	7°-00'	470					3.0		14.8

Page 47 Transit ..... Obs. ..... Line .....

Date 10-3-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
G.E	24°-20'	279					11.2		906.6
S.W. COR. HOUSE 28' WIDE	15°-00'	560		+	1	5.6	2.5	+3.1	20.9
S.E. COR HOUSE	19°-30'	573		+	1	5.7	3.3	+2.4	20.2
G.E	16°-00'	374					8.9		08.9
TOE STH. #8	7°-50'	370					11.3		06.5
& DRIVE	13°-10'	522		+	½	2.6	1.0	+1.6	19.4
S.W. COR BARN 36' WIDE	27°-30'	505					5.3		12.5
S.E " "	30°-30'	518					6.5		11.3
G.E	20°-40'	439					6.6		11.2
"	31°-00'	350					11.2		06.6
"	32°-30'	485					8.8		09.0
"	38°-10'	500		−	½	2.5	10.2	−12.7	05.1
HI 4.59 G.E.-.5		908.30 908.35		908.32					903.73
AT △ #13 = K-#15									~~903.71~~
△ #12 = K-#14	234°-32'	240		+	2°-13'	+9.28	5.0	+4.28	912.63
△ #14	53°-21'	217					11.18		897.14

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Date 10-3-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
F.L. OUTLET 10" VIT ?	262°-00'	154					4.7		903.62
TOE SLOPE STA 4+	283°-15'	157					6.0		02.3
" " "	314°-10'	210					4.6		03.7
G.E	238°-30'	57					2.3		06.0
" OVER CULVT	298°-30'	60					8.2		00.1
G.E	312°-20'	75					5.2		03.1
G.E. OVER CULVT	344°-00'	40					9.4		898.9
G.E	99°-15'	151					3.0		905.3
℄ DITCH	44°-50'	178		−	1/2	0.9	13.2	-14.1	894.2
G.E	15°-30'	82					7.6		900.7
"	11°-30'	166					3.8		04.5
"	35°-45'	204					9.2		899.1
F.L. 30" C.M. (ON LINE)	27°-30'	75					15.1		93.22
G.E	86°-40'	75					4.5		903.8
"	122°-40	92		+	4°-00'	6.4	5.0	+1.4	09.7

Page 49 Transit ..... Obs. ..... Line C.O. DITCH #3

Date 10-3-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
OUTLET 30" CM CULVT	43°-30'	164					15.65		892.67
INLET 30" CM UNDER DRIVE	45°-30'	190					14.7		93.62
OUTLET " "	46°-40	210					14.7		93.62
℄ DRIVE	46°-30'	200					10.8		97.5
EDGE DITCH	43°-30'	179					10.6		97.7
" "	46°-20'	178					10.9		97.4
G.E	17°-00'	348		+	½	1.7	1.9	-0.2	908.1
℄ DITCH AT OUTLET 30" C.M	43°-30'	165		−	1	1.6	12.6	-14.2	894.1
G.E.	108°-00'	174					4.1		904.2
"	75°-30'	154					8.6		899.7
H.I 4.48 G.E-.6		901.62 901.67		901.64					897.16 ~~897.14~~
AT △ #14									
△ #13	233°-27'	217		+	1°-52'	+7.06	5.0	+2.06	903.73
℄ DITCH	275°-40'	38					7.6		894.0
" "	306°-00'	25					7.5		94.1
" "	12°-40'	31					7.5		94.1

Page 50 Transit ..... Obs. ..... Line .....

Date 10-3-44 Rec. .....

OBJECT	AZIMUTH 901.66	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
EDGE DITCH	14°-30'	29					5.8		895.8
" "	10°-30'	34					5.6		96.0
℄ "	34°-30'	45					7.8		93.8
" "	51°-00'	51					7.8		93.8
G.E.	83°-20'	92					4.8		96.8
℄ DITCH	67°-30'	54					7.9		93.7
END DITCH	88°-20'	69					7.5		94.1
WATER LEVEL JONES LAKE	97°-10'	102.					8.20		893.44
G.E	176°-30'	156					4.0		97.6
"	354°-00'	90					5.4		96.2
"	174°-15'	235					4.0		97.6
F.C. W+No.	00°-30'	238					5.7		95.9
FENCE LINE E+W	172°-10'	274					2.2		99.4
" " No+So.	4°-10'	341					5.1		96.5
G.E	166°-15'	333					5.2		96.4
F.C. W+So.	157°-45'	290					8.3		93.3

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Date 10-3-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
W.S JONES LAKE	144°-50'	130					8.20		
" " "	150°-50'	165					8.20		
" " "	155°-00'	200					8.20		
" " "	13°-30'	350					8.20		
" " "	10°-15'	237					8.20		
" " "	152°-00'	365					8.20		
G.E FENCE-LINE No+50	158°-20'	4.22					3.9		897.7
G.E	151°-30'	480					5.3		96.3
"	158°-30'	560		+	2	11.2	0.6	+11.2	912.8
W.S JONES LAKE	18°-10'	140					8.20		
" " "	145°-20'	453					8.20		
" " "	64°-00'	110					8.20		
G.E	164°-00'	493		+	2	9.8	0.0	+9.8	911.4
"	170°-00'	396		+	1	7.9	2.4	+5.5	07.1
W.S JONES	157°-15'	250					8.20		
G.E	174°-30'	313		+	1	3.1	0.00	+3.1	904.7

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Date 10-10-44 Rec. .....

OBJECT	AZIMUTH	STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	DIFF. OF ELEV.	ELEVATION ABOVE DATUM
B.M. E 1/4 1/4 COR. SEC. 32									899.89
									+2.10
									901.99
									−8.80
WATER ELEVATION - JONES LAKE.									893.19

PROFILE

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

STA. OBJECT	GRADE AZIMUTH FLOWLINE	GROUND STADIA	DISTANCE	STA. INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ROD	GRADE DIFF. OF ELEV.	GROUND ELEVATION ABOVE DATUM
0+00 JOINES LAKE	893.44			6+00					898.0
+35	94.1			+25 & DRIVE					98.6
+60	93.7			+60 INLET 30" C.M.				894.1	98.0
+80	93.8			+60				93.4	
+90	93.8			7+60				95.2	
				7+62 S.L. POND				94.9	
1+10	94.1			9+50				93.3	
+40 CULVERT	93.6			10+00				93.3	
30" C.M. +50 & DRIVE	97.5			+50				92.6	
+60 CULVERT	93.6			12+00 S.L. POND				94.9	
+70	94.2			13+70				94.5	
+90 END 30" C.M.	92.7	97.7		14+40				95.1	
+90	94.1			16+60 = 30" C.M.				94.6	
2+90 F.L. 30" C.M.	93.2	00.7		+60				96.1	
3+80		03.1		+70 & DRIVE					99.3
4+70		02.3		+80 = 30" C.M.				94.8	
5+15 & S.T.H. #8 48' WIDE		11.2		17+70				96.1	
5+70		0.0							
30" C.M. 5+80 & C.B. 5'X5' BOX	94.2	99.4		18+20				96.3	
5+80 INLET 24" P.S. FROM SO.	96.0	99.4		+40 S.L. POND				95.9	

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Date ..... Rec. ..... STA. .....

STA. ~~OBJECT~~	GRADE ~~AZIMUTH~~	GROUND STADIA	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	~~READ ON ROD~~	GRADE DIFF. OF ELEV.	GROUND ELEVATION ABOVE DATUM
25+30 S.L. POND	895.9			36+20				903.7	
+50	96.0			8+20				04.5	
+70	96.0			+40				04.9	
+90	96.3			+50				05.0	
26+15 & DRIVE		98.7		9+60	PLANK XING				08.3
+70	97.3			40+30				06.0	
27+70	98.1			1+70				06.9	
30+70 = END 36" C.I. CULV.	99.7			2+50				07.4	
31+15 & 2-R.R. TRACKS		918.8		3+70				07.2	
+60 = BEG. 36" C.I. CULV.	99.9			4+70				07.6	
+70	00.9			6+20				09.0	
32+50	01.1			6+80				09.5	
+75	01.1			7+60				10.4	
+90	02.1			8+30				11.6	
33+75	02.7			9+00				12.3	
4+00	02.8			50+00	END 15" VIT.			14.3	
5+30	03.3			+13	& DRIVE				18.5
				+26	BEG. 15" VIT.			14.9	

Page 55 Transit ..... Obs. ..... Line .....

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

STA. ~~OBJECT~~	GRADE ~~AZIMUTH~~	GROUND STADIA	DIS-TANCE	STA. INTERVALS OR VER. ANGLE Up+ Down− No. of Int. or Angle	Rod Equiv.	READ. ON ROD	GRADE DIFF. OF ELEV.	GROUND ELEVATION ABOVE DATUM
50+70	16.7			58+30				932.0
1+60	18.0			+60				34.0
2+50: OUTLET 15" TILE	18.3			59+10				34.0
+60		24.0		+30				32.0
+90		26.0		+50				30.0
3+30		28.0		+65				28.0
+90		30.0		60+00				28.0
4+10 ℄ 24' WIDE RD.		32.2		+50				30.0
+30		30.0		61+00				32.0
+35		28.0		+35				34.0
+50		26.0		+50				36.0
5+30		24.0		+65				38.0
6+90	20.4			+90				38.0
7+00		24.0		62+35				36.0
+40		26.0		63+20				34.6
+90		28.0		64+70	1' WIDE DITCH.			33.7
8+10		30.0		+71				34.4

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Date ..... Rec. ..... STA. .....

STA. ~~OBJECT~~	GRADE ~~AZIMUTH~~	GROUND ~~STADIA~~	DISTANCE	INTERVALS OR VER. ANGLE Up+ Down−	No. of Int. or Angle	Rod Equiv.	READ. ON ~~ROD~~	GRADE DIFF. OF ELEV.	GROUND ELEVATION ABOVE DATUM 9-26-44
66+70		936.0			71+70	S.L. SILVER	L.		933.36
7+10		38.0			71+75	INLET. 15" C.M.		931.5	
7+40		40.0							
7+55		42.0							
7+80		44.0							
8+20		46.0							
8+70		45.2							
9+10		46.0							
9+40		948.0							
9+60		48.0							
9+80		46.0							
70+15		44.0							
70+35		42.0							
70+55		40.0							
70+80		38.0							
71+15		36.4							
71+20		38.0							
71+45	30' W. ℄ FAIRCHILD AVE.	38.4							