

OFFICE OF COUNTY ENGINEER
RAMSEY COUNTY, MINN.

Land & Topographic Survey

Snail Lake Park

From _____ To _____

Road Acc't. No. _____ *Dr. 9*

Date Filed 2-63

File BK. 47

1
Snail Lake Park

Bench Levels

&

Stadia

Silver Lake East

BM	5.38	997.86	992.48
		9.92	987.94

Snail Lake

BM	3.12	894.29	890.87
WS.	10.99	892.95	12.33 881.96
BM		0.59	892.36

WS	10.86	892.82	881.96
BM		2.70	890.12

WS	8.85	890.81	881.96
BM		0.59	890.22

WS	8.22	890.18	881.96
BM		1.28	888.90

WS	13.10	895.06	881.96
BM		0.11	894.95

3,000 acres
27 Acres Joy Farm
\$51,000

15/4/40 42 1/2
Johanna 3502

W. Headwall Cor outlet

Normal 988.50

11.13

Spike in 14" Oak at Ent to Beach ^{Snail} SE Cor Lake

Spike in ~~Low~~ 16" Cottonwood at S.W. Cor Snail Lake

Spike in 16" Cottonwood at S. End of ^{Snail} Lake

Top Mont NW West side Snail Lake

Spike 16" Oak West Side of Snail Lake

Bench Check 895.5'

Sta	+	x	-	Elev.	from
BM	2.42	894.78		(892.36)	Lake Elev. BM
	12.71	906.70	0.79	893.99	
	12.13	918.59	0.24	906.46	
	11.37	929.12	0.84	917.75	
	6.53	934.21	1.44	927.68	
BM			2.00	932.21	(931.86)

Spit in 20' cut 50' Lt
Sta 19+20

2a

W 1/4 Cor
Sec 23

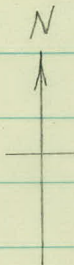
Ctr Sec
23

MC

200'

E 1/4 Cor
Sec 23

Snail Lake



809.66

MC #10

35.72

2638.64

2638.64
1319.32

1319.32
809.66

409.66

1319.32

6" Disk

41.06

15" Oak

S.E. Cor
Sec 23

12.90

3" BE
Disk

~~Leeds on New Walk at T.P. Bldg~~
~~Area of Entry~~
~~Check of Cur & Walks~~

BM 4.38 104.38

(100.00)

5.79 98.59

FR
HP
WJ
RL
SR

June 6, 1957
Fly Cloudy 80°

3

Stadia

COURTNEY PROP.

SNAIL LAKE

HI = 077.24

Object AZ Stadia

π at P.I. sta 32+56.1

to P.I. sta 25+79 192°39'

magnetic bearing 0°00'

to P.I. Sta ~~42+43.08~~ 35°54' 300

BM 35+47.52

BM

⚡

35°10' 146

shoulder

30°30' 145

⚡

38°00' 81

shoulder

29°45' 80

⚡

100°10' 14

shoulder

19°25' 38

⚡

191°00' 73

ENT.

209°30' 40

⚡

192°45' 156

shoulder

199°40' 127

⚡

192°50' 257

shoulder

197°00' 231

⚡

193°00' 350

shoulder

195°40' 324

⚡

192°30' 455

June 6, 1957

DIST	VERT ANGLE	ROD L-20+W	ROD	DIFF.	ELEV. L-20+W	4
			4.88		892.36	
			4.8		92.4	
			5.5		91.7	
			5.3		91.9	
			4.8		92.4	
			5.8		91.4	
			4.7		92.5	
			6.4		90.8	
			5.0		92.2	
			6.9		90.3	
			7.0		90.2	
			7.4		89.8	
			7.8		89.4	
			5.8		91.4	
			7.0		90.2	
			0.8		96.4	

OBJECT

897.24

AZ.

STADIA

Nat P.I. Sta 32+56.1

Shoulder

194°40' 447

G.E.

196°55' 443

"

196°55' 350

"

198°45' 396

L.

198°35' 268

"

199°50' 314

"

201°15' 165

"

204°20' 170

"

208°10' 80

"

212°20' 110

"

223°20' 64

"

204°55' 84

"

238°45' 59

"

255°50' 46

"

294°50' 9

"

311°20' 26

"

14°55' 47

"

352°40' 50

ST.	VERT. ANGLE	ROD EQUIV.	June 4, 1957		ELEV. 5
			ROD	DIFF.	
			2.3		94.9
			2.7		94.5
			7.3		89.9
			5.7		91.5
			8.9		88.3
			7.5		89.7
			8.4		88.8
			8.0		89.2
			6.8		90.4
			5.6		91.6
			7.0		90.2
			6.0		91.2
			5.7		91.5
			7.4		89.8
			5.6		91.6
			4.6		92.6
			5.6		91.6
			1.9		95.3

OBJECT

897.24. AZI

STADIA

Nat P.I Sta 32+56.1

6E

26°05' 135

"

13°50' 102

"

27°40' 241

"

22°40' 169

~~169~~

ST. VERT. ROD June 6, 1957 ELEV. 6
 ANGLE EQUIV. ROD DIFF.

6.3 90.9

1.6 95.6

7.1 90.1

1.9 95.3

5.3

OBJECT

H. I 897.24

STADIA

AZIMUTH STADIA

T at P.I. Sta 32+56.1

to P.I. Sta 25+79 $192^{\circ}39'$ to P.I. Sta 42+43.08 $35^{\circ}54'$ magnetic bearing $0^{\circ}00'$

BM

GE	Bearing	Distance
	$11^{\circ}10'$	100
"	$349^{\circ}00'$	46
"	$3^{\circ}30'$	100
"	$334^{\circ}30'$	56
"	$355^{\circ}45'$	110
"	$329^{\circ}25'$	75
"	$349^{\circ}45'$	120
"	$326^{\circ}40'$	104
"	$346^{\circ}40'$	150
"	$326^{\circ}15'$	127
"	$313^{\circ}30'$	139
"	$312^{\circ}10'$	190
"	$328^{\circ}10'$	210
shore Line	$315^{\circ}20'$	230

FK
KP
SRT.
RL

VERT.
ANGL

ROD
EQUIV.

June 14, 1957
FORECAST DIFF. 70°

ELEV. 7

		4.88		892.36
		2.2		95.0
		2.5		94.7
$+0^{\circ}38' + 1.1$		9.0	-7.9	89.3
		8.7		88.5
		10.6		86.6
		10.9		86.3
		12.0		85.2
		12.4		84.8
		12.8		84.4
		12.7		84.5
		13.0		84.2
		14.6		82.6
		15.1		82.1
$-0^{\circ}56' - 3.7$		12.0	-15.7	81.5

H.I 897.24

OBJECT

AZ

STADIA

AZIMUTH STADIA

at P.I sta 32+56.1
magnetic bearing 000°

S.L. 328°00' 237

6.E 248°50' 55

" 271°00' 34

" 256°30' 84

" 274°15' 47

" 256°20' 115

" 273°00' 105

" 263°40' 136

" 291°20' 122

" 273°20' 152

" 297°00' 150

" 275°50' 169

" 297°00' 180

" 281°55' 178

" 297°15' 204

" 285°50' 196

" 297°30' 235

" 286°00' 228

FK
KP
SR
RLVERT
ANGLEROD
EQUIV.JUNE 14, 1951
OVERCAST 70°
ROD DIFF.

ELEV. 8

-0°56'	-3.9	11.9	-15.8	81.4
		6.9		90.3
		5.7		91.5
		9.9		87.3
		8.2		89.0
		10.8		86.4
		11.6		85.6
		11.5		85.7
		12.5		84.7
		12.4		84.8
		12.9		84.3
		12.6		84.6
		13.8		83.4
		12.9		84.3
		14.2		83.0
		13.1		84.1
		15.2		82.0
		14.5		82.7

H.I 897.24

OBJECT

AZI

STADIA

T at P.I sta 32+56.1

magnetic bearing 0°00'

6E

286°00' 261

SHORE LINE

286°15' 280

" "

298°20' 246

To A point A

216°59' 279

6E

212°20' 169

"

220°00' 170

"

220°00' 121

"

222°22' 171

"

223°25' 124

"

228°00' 124

"

229°20' 180

"

238°10' 120

"

238°10' 180

"

248°40' 125

"

249°50' 193

"

264°20' 132

"

256°35' 210

FK
KP
SR.T.
RL

VEPT.
ANGLE

ROD
EQUIV.

JUNE 14, 1957
overcast 70°

ROD

DIFF.

ELEV.

9

-1°11' -5.4 10.0 -15.4 81.8

-1°11' -5.8 9.8 -15.6 81.6

15.6 81.6

3.32 893.92

5.3 91.9

5.1 92.1

5.6 91.6

8.4 88.8

7.6 89.6

6.2 91.0

7.4 89.8

9.1 88.1

10.0 87.2

10.3 86.9

11.5 85.7

11.6 85.6

12.0 85.2

H.I 897.24

OBJECT

AZI

STADIA

T at P.I Sta 32+56.1

magnetic bearing 0°00'

6 E

269°00' 150

6 E

262°45' 240

H.I 899.17

T at point A

to P.I. Sta 32+56.1

36°59' 279

✓

to P.I. Sta 25+79

177°47' 458

✓

6 E

50°00' 58

"

98°00' 42

"

93°00' 22

"

158°10' 64

"

169°50' 58

"

30°20' 56

"

193°00' 56

FK
KR.
SR
RL
RG

V. T. ROD
ANGL. EQUIV.
ARC 100

JUNE 14, 1937
ROD OVERCAST 70°
DIFF. LLEV. 10

12.5

84.7

12.8

84.4

HI 5.25

893.92 ✓

6.98

892.19 ✓

+1°30 + 12.0 5.0 +7.0

905.42 ✓
906.17

5.9

93.3

7.1

92.1

5.5

93.7

4.5

94.7

3.8

95.4

6.2

93.0

4.0

95.2

H. I 899.17 STADIA
AZI AZ STADIA

OBJECT

T at point A

6 E 7°20' 68

" 221°00' 42

" 258°00' 13

" 249°20' 47

" 259°20' 28

" 259°20' 61

" 344°00' 33

" 358°30' 76

" 271°00' 75

" 306°30' 42

" 322°50' 127

" 284°20' 99

" 311°50' 57

" 315°50' 134

" 318°10' 88

" 295°40' 141

.. 325°20' 171

FK KD R6 SP RL		VERT. Angle	ROD EQUIV.	ROD	DIFF.	ELEV	11
							June 19, 1957 cloudy 75°
				9.8		89.4	
				4.6		94.6	
				4.0		95.2	
				7.5		91.7	
				4.6		94.6	
				9.4		89.8	
				5.2		94.0	
				7.6		91.6	
				7.9		91.3	
				8.9		90.3	
		-1°15'	-2.8	13.0	-15.8	83.4	
				13.2		86.0	
				7.3		91.9	
				13.2		86.0	
				12.2		87.0	
				13.8		85.4	
		-0°25'	-1.2	13.0	-14.2	85.0	

OBJECT

H. I. 899.17
AZ- AZ STADIA STADIA

T at Δ pt. A

G.E.	306°20' 193
"	327°20' 281
"	306°50' 275
"	329°40' 300
"	306°50' 314
± trail	14°40' 272
± trail	358°50' 328
± trail	3°25' 217
± trail	338°15' 73
- in trail	302°15' 174
± trail	308°00' 220
± trail	294°55' 151
± trail	271°15' 130
G.E.	176°45' 120
"	177°15' 203
± trail	258°45' 144

FK
DIST
KP
RG
SR
RL

VERT.
ANGLE

ROD
EQUIV.

ROD

June 14, 1957
cloudy

DIFF 80°

ELEV 12

-0°26' -1.5 13.0 -14.5 84.7

-0°48' -3.9 13.0 -16.9 82.3

-0°38' -3.1 13.0 -16.1 83.1

-1°00' -5.2 12.0 -17.2 82.0

-1°00' -5.5 11.7 -17.2 82.0

-0°39' -3.1 11.0 -14.1 85.1

-0°31' -3.0 9.0 -12.0 87.2

-0°37' -2.3 11.0 -13.3 85.9

-0°37' -0.8 12.0 -12.8 86.4

-1°06' -3.3 11.0 -14.3 84.9

-1°06' -4.2 10.7 -14.9 84.3

-1°07' -2.9 11.0 -13.9 85.3

-1°07' -2.5 9.7 -12.2 87.0

2.0 97.2

1.8 97.4

11.0 88.2

H.I. 899.17

STADIA

OBJECT.

AZ. AZ STADIA

At point A

GE	167°50'	122
"	167°40'	218
E trail	240°15'	245
G.E.	188°10'	112
E trail	240°40'	508
G.E.	183°30'	209
"	192°00'	115
"	201°10'	193
"	232°45'	196
"	217°20'	117
"	238°00'	119
"	219°35'	198
"	234°00'	184'
"	256°45'	141'
"	240°20'	192'
"	261°50'	153'
to P.I Sta 25+79		447

June 14, 1957

partly cloudy 80°

13

FK
KP
RG
SR
RLVERT.
ANGLEROD
EQUIV.

ROD

DIFF.

ELEV

6.0

93.2

4.7

94.5

-0°58' -4.1

7.0

-11.1

88.1

2.9

96.3

-0°41' -6.0

9.0

-15.0

84.2

2.2

97.0

+2°43' +5.5

6.0

-0.5

98.7

+2°43' +9.1

11.7

-2.6

96.6

6.4

92.8

4.4

94.8

8.5

90.7

6.9

92.3

6.2

93.0

10.9

88.3

8.1

91.1

12.1

87.1

2.33

+1°20' +10.4

4.2

+6.2

905.37

OBJECT

H.I. 899.17

STADIA

AZ. AZ STADIA

π at Δ point A

G.E.

249°00' 190'

to Δ point B

231°27' 398

180

51°27'

JUNE 14, 1957

Showers Cloudy

800

14

FK
KP
L.RG
SR
RL

VEI 1.

ANGLE

ROSE

EQUIV.

ROD

DIFF

FLPV

11.1

88.1

7.52

891.65

OBJECT

AZ.

STADIA

DIST

VERT.
ANGLEROD
EQUIV.

ROD

DIFF.

ELEV

a

Snail Lake Stadia

at Δ point B

to Δ point A

51°27' 398

S. End

BM Spike in 24" cottonwood Snail Lake

G.E. 348°25' 98

$\angle$ trail 356°00' 72

G.E. 16°00' 126

$\angle$ trail 21°30' 96

G.E. 32°00' 165

$\angle$ trail 35°40' 144

G.E. 32°00' 165

$\angle$ trail 38°55' 192

at Δ point B

to Δ point A

FK
KD
DRT
SR
RL

VERT.
ANGLE

ROD
EQUIV

JUNE 14, 1957

ROD

DIFF.

ELEV

41. 5.30

891.65

4.92
1.99

2.93

893.92

6.60

890.22

12.4

84.4

10.7

86.1

11.6

85.2

10.4

86.4

10.2

86.6

9.1

87.7

10.2

86.6

9.0

87.8

OBJECT

AZ.

STADIA

H. I. 896.54

at Δ point Bto Δ point A

51°27' 398

BM

Spike in 24" cottonwood S. end Snail lake

To G.R. on diving

339°59'

35'

tower

To Δ C"

339°59'

35

At Δ C"To Δ B"

159°59'

35'

To G.R. on diving tower

339°59'

360

To Δ D"

253°30' 368

106

B.M.

spike in 24" cottonwood S. end Snail

6E

78°

64

"

78°

113

"

62°

59

"

61°30'

92

"

36°

64

"

41°

137

"

19°

72

"

33°

150

July 2, 1956

c

RG
KP
DIST.
JD
SR
RL

VERT.
ANGLE

ROD
EQUIV.

ROD

DIFF.

ELEV.

6.32

890.22

17.1 = 893.89 ✓

4.88

889.01

3.67 ✓

890.22

1.9

92.0

+2°28' +4.9

7.0

-2.1

91.8

5.1

88.8

6.3

87.6

7.7

86.2

8.1

85.8

9.4

84.5

9.5

84.4

OBJECT

4.1. 893.89

AZ.

STADIA

at ΔC

6E

4°00' 95

"

25°00' 173

"

350°00' 122

Swamp #1

21°00' 204

6E

348°00' 160

Swamp #1

13°00' 214

6E

343°00' 191

Swamp #1

4°00' 249

6.E

340°00' 208

"

1°00' 263

"

340°00' 228

Lake Shore

350°00' 296

"

336°00' 248

E trail

9°30' 40

6E

~~138°30' 36~~

"

216°00' 61

"

79°00' 18

"

248°00' 46

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV
			9.6		84.3
			10.5		83.4
			9.6		84.3
			11.3		82.6
			9.8		84.1
			11.2		82.7
			10.0		83.9
			9.4		84.5
			10.5		83.4
			9.7		84.2
			11.1		82.8
			12.0		81.9
			12.0		81.9
			7.7		86.2
			2.3		81.6
			1.6		92.3
			4.0		89.9
			4.8		89.1

OBJECT

H. 1893.89

AZ.

STADIA

at point C

± trail

17°30' 47

± TRAIL

266°30' 59

G. E.

352°30' 86

"

283°30' 77

"

333°00' 155

"

303°00' 104

"

336°30' 220

"

316°30' 144

LAKE

SHORE

336°30' 252

"

316°30' 195

± TRAIL

251°00' 121

"

253°00' 224

G. E.

275°00' 137

"

290°00' 147

"

240°00' 37

LAKE

SHORE

297°30' 173

G. E.

213°30' 53

to Δ

"D"

253°30' 368

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV
			7.9		86.0
			6.9		87.0
			9.9		84.0
			8.6		85.3
			9.9		84.0
			10.1		83.8
			10.8		83.1
			10.3		83.6
			12.1		81.8
			11.7		82.2
			5.0		88.9
			6.6		87.3
			9.7		84.2
			10.8		83.1
			5.1		88.8
			11.5		82.4
			1.7		92.2

OBJECT

AZ.

STADIA

X at "D"

to A Point "C"

73°30' 368

BM SPIKE IN COTTONWOOD AT S.W. END OF LAKE

↓
Trail

68°20' 26

↓
Trail

73°45' 135

↓
Trail

71°00' 54

6E

6°10' 53

"

4°15' 100

"

47°30' 152

"

36°00' 78

Swamp

354°45' 150

"

32°40' 166

"

27°40' 105

"

357°40' 179

"

28°10' 192

"

15°10' 148

"

358°30' 192

"

11°50' 187

WATER
LEVEL

358°00' 195

FK
KP
JD
SR
RL
DIST

VERT.
ANGLE

ROD
EQUIV.

July 26, 1957
ROD
DIFF.

ELEV

H.I. 4.73

888.8

4.51

889.01

3.41

890.12

5.9

87.6

6.0

87.5

6.3

87.2

8.8

84.7

10.7

82.8

9.4

84.1

8.7

84.8

10.4

83.1

10.7

82.8

9.6

83.9

11.2

82.3

11.3

82.2

10.7

82.8

11.5

82.0

11.5

82.0

11.48

82.05

OBJECT

H1 893.53.

AZ.

STADIA

at A point "D"

GE	184°00'	17.5
"	140°30'	36
"	178°35'	73
"	146°10'	57
± road	182°00'	80
± road	155°30'	102
± road	141°30'	120
inter section	217°25'	75
GE	251°45'	50
± road	231°10'	120
GE	294°40'	73
"	241°00'	112
Swamp	319°00'	100
GE	264°30'	107
Swamp	332°20'	137
Swamp	284°20'	125
Swamp	340°40'	177

July 26, 1957

B

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV.
DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV.
			3.8		89.7
			1.1		892.4
	+10°26'	+13.0	6.5	+6.5	900.0
	+10°26'	+10.2	4.6	+5.6	899.1
	+10°57'	+14.9	9.0	+5.9	899.4
	+10°57'	+19.0	7.4	+12.4	905.9
	+11°03'	+22.4	8.5	+13.9	907.4
			1.1		892.4
			5.1		88.4
			2.8		90.7
			8.8		84.7
	+1°30'	+2.9	5.0	-2.1	91.4
			10.9		82.6
			6.8		86.7
			11.6		81.9
			10.3		83.2
			10.8		82.7

OBJECT

HI 893.53

AZ.

STADIA

at point "D"

Swamp

310°00' 140

EDGE

WATER

345°25' 212

Swamp

327°30' 190

EDGE

WATER

339°10' 244

check AZIMUTH, Power to Water Pump

BM SPIKE IN COTTONWOOD S.W. END

TO A Pt. "C" 73°30' 368

HI 893.52

TO A Pt "E"

274°17' 271

G.E.

242°00' 145

"

258°25' 117

"

268°30' 128

"

285°40' 127

July 26, 1957

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV
					822.2
				11.4	82.1
				11.5	82.0
				11.3	82.2
				11.5	82.0
	345° 56 1/2'				
OF LAKE			3.40		890.12
			11.0		882.52
	+1° 02'	+2.6	5.00	-2.4	91.1
			5.5		88.0
			7.9		85.6
			10.4		83.1

H1

893.52

OBJECT

AZ.

STADIA

at DE "D"

GE

290°00' 160

"

302°20' 172

"

311°40' 188

"

319°00' 227

"

324°00' 275

"

321°00' 285

"

325°30' 330

"

324°20' 388

"

324°30' 435

"

325°30' 470

SHORE

LINE

335°20' 292

GE

329°35' 540

SHORE

LINE

330°20' 345

SWAMP

331°20' 570

"

327°35' 400

GE

332°30' 627

SHORE

LINE

329°15' 490

SWAMP

333°50' 685

SHORE

LINE

332°40' 570

DIST.	VERT. ANGLE	ROD EQUIV.	July 26, 1957		ELEV
			ROD	DIFF.	
			10.4		83.1
			10.4		83.1
			10.6		82.9
			10.6		82.9
			10.6		82.9
			10.0		83.5
			10.2		83.3
			10.5		83.0
			10.8		82.7
			11.0		82.5
			11.5		82.0
			11.1		82.4
			11.7		81.8
			11.5		82.0
			11.5		82.0
			11.2		82.3
			11.7		81.8
			11.5		82.0
			11.7		81.8

OBJECT

H1 893252

AZ.

STADIA

at A. Pt "D"

GE	333°50'	750
SHORE		

LINE	333°50'	660
------	---------	-----

G.E	334°20'	770
SHORE		

LINE	335°40'	770
------	---------	-----

"	336°30'	815
---	---------	-----

"	337°40'	865
---	---------	-----

"	337°20'	950
---	---------	-----

GE	335°20'	800
----	---------	-----

"	336°10'	850
---	---------	-----

" Ridge	286°	194
---------	------	-----

" Ridge	294°30'	205
---------	---------	-----

" "	303°50'	230
-----	---------	-----

GE	316°30'	282
----	---------	-----

"	290°45'	227
---	---------	-----

July 26, 1957 24

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV.
			10.8		82.7.
			11.7		81.8.
			10.9		82.6.
			11.7		81.8.
			11.7		81.8.
			11.7		81.8.
			11.7		81.8.
			11.3		82.2.
			10.7		82.8.
			7.5		86.0.
			7.6		85.9.
			7.6		85.9.
			9.1		84.4.
			6.5		87.0.

OBJECT

H.I. 887.32

AZ.

STADIA

X at Right 'E'

to Pt. "D"

94° 17' 271

CHECK AZIMUTH

181° 16' 1/2

CENTER OF
POWER
POLE

SWAMP

41° 30' 47

"

307° 30' 49

"

309° 00' 92

"

6° 50' 68

"

311° 10' 135

"

357° 00' 105

"

316° 40' 155

"

349° 50' 170

"

322° 00' 173

"

328° 00' 182

"

340° 50' 223

"

335° 15' 174

"

333° 20' 218

DIST.	VERT. ANGLE	ROD EQUIV.	July 26, 1957		K 25
			ROD	DIFF.	ELEV.
			H.I. 4.8		882.52
	+1° 21'	6.37	5.0	+ 1.37	888.69
					888.8
			4.4		82.9
			5.2		82.1
			4.6		82.7
			4.1		83.2
			4.5		82.8
			4.2		83.1
			4.3		83.0
			3.7		83.6
			4.1		83.2
			4.2		83.1
			4.5		82.8
			4.4		82.9
			4.9		82.4

OBJECT

H1 881.42

AZ.

STADIA

To a point 'E'

check azimuth

181° 16' 1/2

center of
Power pole

to a point 'D' 94° 17'

to a point 'F'

187° 41' 1/2

460

Swamp

258° 10' 84

"

278° 00' 130

"

291° 30' 165

"

215° 50' 54

"

292° 50' 180

"

198° 30' 100

"

292° 10' 208

"

189° 10' 150

"

307° 50' 188

"

185° 20' 220

308° 00' 240

190° 35' 327

268° 40' 170

188° 40' 380

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV ²⁶
			H' 4.90		882.52 ✓
					897.56 ✓
	+2°07'	17.02	7.0	+10.0	897.42
			5.2		82.2
			4.5		82.9
			4.0		83.4
			5.4		82.0
	+0°22'	+1.2	5.0	-3.8	83.6
	+1°49'	+3.2	9.0	-5.8	81.6
	+1°49'	+6.6	9.0	-2.4	85.0
	+1°32'	+4.0	10.0	-6.0	81.4
	+1°32'	+5.0	8.9	-3.9	83.5
	+1°37'	+6.2	11.0	-4.8	82.6
	+2°25'	+10.1	10.0	+0.1	87.5
	+1°48'	+10.3	11.0	-0.7	86.7
	+1°48'	+5.3	9.5	-4.2	83.2
	+1°59'	+13.1	10.0	+3.1	90.5

OBJECT

HI 887.42

AZ.

STADIA

Tgt point E'

SWAMP

258°15' 200

"

249°10' 177

248°00' 260

196°40' 210

204°40' 153

223°00' 130

237°00' 127

Edge of
SWAMP

168°30' 97

G.E.

155°30' 105

"

152°50' 107

"

140°00' 102

"

143°00' 84

"

139°20' 70

"

116°00' 70

"

117°10' 105

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV. 27
					882.52 ✓
	+0°56'	+3.3	7.0	-3.7	83.7
	+0°56'	+2.9	7.2	-4.3	83.1
	+1°35'	+7.2	6.0	+1.2	88.6
	+1°35'	+5.8	10.7	-4.9	82.5
	+1°44'	+4.6	10.0	-5.4	82.0
	+1°44'	+3.9	9.3	-5.4	82.0
	+1°50'	+4.1	9.0	-4.9	82.5
	+3°26'	+5.8	10.0	-4.2	83.2
	+3°26'	+6.3	6.7	-0.4	87.0
	+3°26'	+6.4	5.6	+0.8	88.2
	+3°47'	+6.7	6.0	+0.7	88.1
	+3°47'	+5.5	7.0	-1.5	85.9
	+3°47'	+4.6	8.7	-4.1	83.3
	+3°47'	+4.6	9.1	-4.5	82.9
	+3°16'	+6.0	7.0	-1.0	86.4

OBJECT

HI 901.42 ✓
902.08

AZ.

STADIA

At point "F"

to point "E"

7°41' 460

to point "G"

6E

26°50' 390

"

28°00' 418

G_{road}

31°20' 405

6E

32°20' 391

"

32°20' 447

"

22°30' 395

EDGE
SWAMP

21°26' 330

6E

347°40' 83

"

347°40' 125

EDGE
SWAMP

31°25' 310

"

347°45' 173

"

347°30' 195

"

38°40' 277

"

347°00' 240

"

47°20' 295

"

346°20' 290

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV. 28
			414.52		897.56 896.90
	-1°26'	11.5	8.3	19.8	881.62 882.52
			13.8		88.3 87.6
			10.5		91.6 90.9
			12.2		89.9 89.2
			12.4		89.7 89.0
			10.2		91.9 91.2
			11.7		90.4 89.7
	-1°23'	8.0	11.1	-19.1	83.0 82.3
			11.8		90.3 89.6
	-1°23'	3.0	12.2	-15.2	86.9 86.2
	-1°23'	7.5	10.7	-18.2	83.9 83.2
	-3°02'	9.1	8.0	-17.1	85.0 84.3
	-3°02'	10.3	7.2	-17.5	84.6 83.9
	-1°23'	6.7	11.1	-17.8	84.3 83.6
	-1°43'	7.2	11.0	-18.2	83.9 83.2
	-0°36'	3.1	11.0	-14.1	88.0 87.3
	-1°45'	8.8	10.0	-18.8	83.3 82.6

OBJECT

H. 1.901.42 AZ

STADIA

902.08 ✓

π at point "E"

EDGE

Swamp

52°30' 266

346°15' 322

6E

47°20' 200

6E

41°30' 153

"

320°10' 138

"

15°20' 132

Fence

line

311°40' 114

6E

4°00' 180

"

284°00' 80

"

20°10' 204

"

232°40' 87

"

202°00' 150

"

202°00' 73

+

π

-

Elev

912.27

901.03

TP

11.26

911.63

1.05

900.37

TP

11.10

921.68

1.71

910.58

TP

11.60

932.25

1.03

920.65

BM

0.04

932.21

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV 29
					89.4
	-0°21'	-1.6	11.0	-12.7	88.7
					83.0
	-1°37'	-9.1	10.0	-19.1	82.3
					89.6
	-0°25'	-1.5	11.0	-12.5	88.9
					91.7
			10.4		91.0
					89.7
			12.4		89.0
					87.4
	-1°37'	-3.7	11.0	-14.7	86.7
					88.7
	-1°23'	-2.7	10.7	-13.4	88.0
					83.6
	-2°23'	-7.5	11.0	-18.5	82.9
					91.2
			10.9		90.5
					83.4
	-2°10'	-7.7	11.0	-18.7	82.7
					96.6
			5.5		95.9
					98.8
			3.3		98.1
					00.3
			1.8		99.6

Spike in 30" cottonwood 50' Lt
STA 14+20

OBJECT

AZ.

STADIA

DIST.

VERT.
ANGLE

ROD
EQUIV.

ROD

DIFF.

^Z
ELEV. 30

OBJECT

AZ.

STADIA

 π at A

to B

231° 27' 398 ✓

 π P. 32+56.1

A

216° 59' 279 ✓

 π at B

to

339° 59' 35' ✓

 π at C

D

253° 30' 368' ✓

DIST.

VERT.
ANGLEROD
EQUIV.

ROD

DIFF.

ELEV. 31

y

✓
891.65✓
893.92✓
889.013 ✓
890.22

Spike in 24" G.H. Bench

S End Sacil Lake

OBJECT

H 1896.77 ✓

AZ.

STADIA

A at B

To C

339° 39' 35' ✓

To A

51° 27' 398 ✓

G.E

254° 30' 116 ✓

"

230° 10' 226

"

255° 00' 92

"

223° 10' 162

"

250° 00' 81

"

232° 20' 44

"

185° 00' 47

"

172° 00' 18

"

214° 45' 58

"

87° 30' 50

"

138° 10' 53

"

110° 50' 80

"

76° 30' 85

"

68° 45' 134

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV ³²
			#1		X
			5.20		891.65 ✓
			7.75		889.01 ✓
			2.86		893.92 ✓
	+3° 22'	+6.8	71.3	-4.5	892.3
	+5° 22'	+21.0	6.0	+15.0	911.8
			6.3		90.5
	+3° 23'	+9.8	4.6	+5.2	02.0
			4.3		92.5
			4.1		92.7
			9.3		87.5
			4.6		92.2
			8.2		88.6
			5.0		91.8
			10.0		86.8
			10.3		86.5
			4.8		92.0
			5.0		91.8

OBJECT

HI

896.77 ✓

AZ.

STADIA

at B

G.E.

85°00' 132

"

67°45' 170

"

78°30' 180

"

71°00' 205

"

86°10' 205

"

81°30' 244

"

92°45' 232

"

86°20' 275

"

100°30' 245

"

88°30' 290

"

111°15' 193

"

89°10' 300

"

94°50' 143

"

98°40' 308

"

125°10' 118

"

111°00' 320

155°00' 96

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV ³³ W
			10.6		86.2
			5.1		91.7
			8.5		88.3
			4.6		92.2
			8.3		88.5
			3.3		93.5
			7.5		89.3
			2.3		94.5
			9.2		87.6
			0.7		96.1
			6.7		90.1
	+1°25'	+7.4	6.0	+1.4	98.2
			11.1		85.7
			2.5		94.3
			7.5		89.3
	+1°43'	+9.6	8.0	+1.6	98.4
			6.4		90.4

OBJECT

HI

896.77

AZ.

STADIA

at B

GE	129°30' 208
"	181°30' 75
"	135°50' 180
"	195°40' 110
"	150°00' 150
"	227°10' 167
"	179°25' 140
"	201°20' 210
"	217°35' 167
"	176°55' 210
"	155°30' 208
"	147°45' 265
"	133°10' 242

at B

to "G"

224°09' 280

DIST	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV. 34
					V
	+3°23'	+12.3	6.4	+5.9	902.7
			8.0		888.8
	+3°23'	+10.6	3.8	+6.8	903.6
			4.6		92.2
	+3°23'	+8.8	1.1	+7.7	04.5
	+3°23'	+9.8	5.2	+4.6	01.4
	+3°23'	+8.2	0.7	+7.5	04.3
	+5°33'	+20.2	3.0	+17.2	14.0
	+5°33'	+16.1	10.4	+5.7	02.5
	+6°40'	+24.2	4.0	+20.2	17.0
	+7°00'	+25.2	6.0	+19.2	16.0
	+7°00'	+32.1	8.7	+23.4	20.2
	+4°36'	+19.3	7.0	+12.3	09.1
	+4°55'	+23.9	7.0	+17.21 +16.91	913.68 913.98

OBJECT

919.2
918.90

AZ.

STADIA

at apt "G"

to "B"

44°09' 280

CHECK AZIMUTH

SW CORNER

BASEMENT OF
GREEN HOUSE

336°39'

G.E.

64°25' 73

"

14°00' 77

"

333°15' 66

4

ROAD

296°40' 73

G.E.

250°00' 50

"

202°00' 76

"

161°00' 67

4

ROAD

152°40' 88

G.E.

194°45' 68

"

121°40' 46

"

242°35' 75

"

76°15' 38

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV. ³⁵
			41		913.98 ✓
			5.22		913.68
				27.55	
	- 4° 15'	- 20.69	7.0	- 27.69	891.21
					891.65 ✓
			7.2		12.0
			8.6		10.6
			6.6		12.6
			7.6		11.6
			7.2		12.0
			5.5		13.7
			3.3		15.9
			1.9		17.3
			7.7		11.5
			4.9		14.3
			10.3		08.9
			6.1		13.1

OBJECT

9192 ✓

AZ.

STADIA

G. E.

269°00' 104

"

324°45' 34

⊥ ROAD

295°25' 116

"

237°35' 27

G. E.

329°00' 100

"

5°35' 95

"

44°15' 85

"

125°00' 88

"

85°25' 88

"

133°15' 146

"

124°50' 229

⊥ ROAD

157°25' 193

G. E.

165°30' 185

"

725°50' 260

"

182°25' 180

"

133°45' 228

"

196°20' 170

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV. ³⁶ T
			10.9		08.3
			4.4		14.8
			12.7		06.5
			5.5		13.7
			11.4		07.8
			10.0		09.2
			11.0		08.2
			1.8		17.4
			4.4		14.8
	+4°08'	+10.5	5.0	+5.5	24.7
	+4°08'	+16.5	4.0	+12.5	31.7
	+4°00'	+13.4	5.0	+8.4	27.6
	+4°00'	+12.9	8.9	+4.0	23.2
	+4°00'	+18.1	4.9	+13.2	32.4
	—		5.1		14.1
	+4°00'	+15.9	2.2	+13.7 -18.1	32.9 01.1
	—		10.9		08.3

OBJECT H.I. = 919.08

AZ.

STADIA

π at Δ "G"

to S.W. Cor Basement of

Green House 336°39'

✓

to Δ "H"

200°39' 37.5

x 2.03

G1

GE

200°40' 300

"

200°40' 230

"

211°10' 185

BOTTOM

OF GULLEY

219°15' 154

G.E.

240°40' 115

"

258°00' 154

"

214°35' 188

"

227°10' 210

"

223°50' 244

[illegible]

OBJECT

H 1893.45

AZ.

STADIA

 π at MC #10

to point "Z"

162°29' 128

magnetic azimuth 0°00'00"

shore
line

19°15' 101

G.E.

8°10' 73

shore
line

31°00' 90

"

47°10' 105

G.E.

47°00' 38

"

344°00' 80

shore
line

354°50' 133

"

352°35' 165

G.E.

289°30' 31

"

230°30' 16

"

99°30' 30

FK
KD
DIST
UU

VERT.
ANGLE

ROD
EQUIV.

Sept. 4, 1957
ROD

DIFF.

ELEV.

38

H1

4.55

888.90

~~907.03~~

~~18°25' + 18.5~~

~~5.5~~

~~+ 13.0~~

~~906.45~~

10.45

83.0 +

8.5

85.0 +

10.5

83.0 +

10.5

83.0 +

7.3

86.2 +

8.3

85.2 +

10.5

83.0 +

10.5

83.0 +

3.6

89.9 +

3.5

90.0 +

3.2

90.3 +

15 45

OBJECT

911:55
912-18

AZ.

STADIA

211

 π at a point "Z"

to M.C. #10

342°29' 127

to a point "Y"

6E

72°20' 20

"

331°00' 32

"

68°00' 45

"

18°45' 47

"

65°30' 64

"

28°15' 70

"

62°45' 83

"

34°10' 89

"

63°30' 104

"

35°30' 103

0°50' 92

342°40' 68

342°15' 102

126°50' 28

west
property
line

276°10' 18

201°10' 38

check
Azimuthridge pole
snail lake
pump

351°27'

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV.
50			41.515		39 906.40 907.03
	-5°52'	-12.9	10.5	-23.28 -23.4	888.90 ✓
				-0.6	
			5.7		05.9 +
			7.1		04.5 +
			8.5		03.1 +
			11.0		00.6 +
			11.8		99.8 +
	-7°44'	-9.3	5.0	-14.3	97.2 +
	-7°44'	-11.1	4.7	-15.8	95.8 +
	-6°55'	-10.6	7.0	-17.6	94.0 +
	-6°55'	-12.4	8.6	-21.0	90.6 +
	-7°30'	-13.3	10.0	-23.3	88.3 +
	-7°30'	-11.9	6.3	-18.2	93.4 +
	-6°50'	-8.0	5.0	-13.0	98.6 +
	-6°50'	-12.0	5.2	-17.2	94.4 +
			6.3		05.3 +
			5.5		06.1 +
			8.3		03.3 +

OBJECT

AZ.

STADIA

DIST.

VERT.
ANGLEROD
EQUIV.

ROD

DIFF.

ELEV.

40

At M.C. #10

to Z - $162^{\circ}29\frac{1}{2}'$ 128'

At Z

to M.C. = $342^{\circ}29\frac{1}{2}'$ 127'

to Y =

Sta	OBJECT	+	π	AZ.	-	STADIA	Elev
BM	11.13	900.03					888.90
TP1	10.94	910.45		0.52		899.51	
				3.42		907.03	
			HI. 911.98	911.35	✓		
π at A point Z							
to MC #10							
				342°29'	128		
to A point Y							
				161°46'	475		
6E				206°30'	73		
"				196°50'	115		
Swamp				158°50'	108		
6E				190°00'	153		
Swamp				178°50'	109		
6E				187°25'	200		
Swamp				163°40'	173		
6E				184°40'	233		
Swamp				151°45'	205		
6E				177°30'	235		

FK
KD
DIST
H
RW

VERT.
ANGLE

ROD
EQUIV.

October 2, 1957
ROD

DIFF. ELEV.

41

Top Mont MC #10 west side of lake

See Page # 52

A point "2"

H1 4.95

906.40[✓]
~~907.03~~

-8°18' -18.3 5.0 -23.3

888.90

902.20[✓]
~~904.78~~

~~7.20~~

5.8

05.6+

5.4

06.0+

-1°38' -3.1 11.0 -14.1

97.3+

6.5

04.9+

12.1

99.3+

6.3

05.1+

-2°00' -6.0 9.0 -15.0

96.4+

6.6

04.8+

-1°15' -4.5 14.0 -18.5

92.9+

11.9

99.5+

OBJECT

H1 ~~911.28~~
AZ.

STADIA

911.35 ✓

Swamp	161°00'	290
"	176°46'	250
"	162°20'	380
Swamp outlet ditch	141°45'	170
GE	143°05'	210
"	142°00'	155
"	142°30'	135
"	111°50'	140
"	123°45'	163
"	142°45'	100
end ditch forming delta	131°45'	217
GE	138°45'	65
GE	135°00'	30
"	120°00'	110

FK DIST. KD WA RW	VERT. ANGLE	ROD EQUIV.	October ROD	2, 1957 DIFF.	42 ELEV.
	-1°28'	-7.4	8.0	-15.4	96.0 +
	-0°50'	-3.6	10.0	-13.6	97.8 +
	-0°50'	-5.5	10.0	-15.5	95.9 +
	-3°35'	-10.6	11.0	-21.6	89.8 +
	-0°50'	-3.0	10.0	-13.0	98.4 +
	-3°25'	-9.2	10.0	-19.2	92.2 +
	-3°25'	-8.0	9.4	-17.4	94.0 +
	-5°22'	-13.0	11.0	-24.0	87.4 +
	-5°22'	-15.2	9.0	-24.2	87.2 +
	-3°39'	-6.4	8.0	-14.4	97.0 +
	-3°55'	-14.8	10.0	-24.8	86.6 +
			11.3		00.1 +
			6.4		05.0 +
	-5°25'	-10.3	11.0	-24.3	87.1 +

OBJECT

907.10

AZ

STADIA

~~111909.68~~

T at a point "Y"

to a point "Z"

341°46' 475

to a point "X"

end of
trail

7°00' 114

E
trail

16°30' 80

E
trail

0°45' 47

"

252°40' 35

"

327°15' 24

"

235°15' 82

E trail

234°45' 135

6E

239°20' 180

6E on
section line

224°45' 138

6E

197°15' 122

Swamp
on Swamp
section
line

176°30' 150

1/4 cor
on
section
line

315°05' 180

299°22' 135

FK KP WH RW DIST	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	43 ELEV.
			41 4.90		902.20 ✓
					904.78
			2.66		906.40 ✓
					907.03
			8.0		99.1 +
			8.4		98.7 +
			8.1		99.0 +
			8.3		98.8 +
			7.5		99.6 +
			9.3		97.8 +
			6.3		00.8 +
			3.5		03.6 +
			5.0		02.1 +
	-4°17'	-9.1	5.0	-14.1	93.0 +
	-4°17'	-11.2	10.3	-21.5	85.6 +
			9.4		97.7 +
			9.6		97.5 +

OBJECT

AZ.

STADIA

HI ~~909.68~~

907.10 ✓

Swamp at "A"
NE cor lot at section line

285°08' 115

Swamp

256°40' 104

189°45' 80

-6E

112°15' 29

133°40' 110

52°25' 77

134°45' 130

145°30' 130

176°00' 34

82°22' 65

109°30' 80

125°15' 122

130°20' 147

Swamp
Beginning
ditch in
swamp

353°40' 105

343°40' 250

6E

9°50' 153

353°20' 225

FK KP DIST WH RW	VERT. ANGLE	ROD EQUIV.	October 2, 1957 ROD	DIFF.	ELEV. 4
			9.5		97.6 +
			8.8		98.3 +
	-4°54'	-6.8	6.5	-13.3	93.8 +
			4.9		02.2 +
	-4°08'	-7.9	4.0	-11.9	95.2 +
	-4°08'	-5.5	12.0	-17.5	89.6 +
	-3°20'	-7.5	8.0	-15.5	91.6 +
	-3°49'	-8.6	10.0	-18.6	88.5 +
			7.0		00.1 +
	-7°00'	-7.9	10.0	-17.9	89.2 +
	-3°40'	-5.1	13.0	-18.1	89.0 +
	-3°40'	-7.8	10.6	-18.4	88.7 +
	-3°40'	-9.4	9.0	-18.4	88.7 +
			10.8		96.3 +
			12.7		94.4 +
			4.1		03.0 +
	+0°26'	+1.7	8.0	-6.3	00.8 +

OBJECT

AZ

STADIA

~~H1 909.68~~

907.10 ✓

G E. Top
of Knoll

6°55' 210

"

18°15' 173

"

32°30' 97

T at Δ point "G"
 to point "H"

H1 919.18 ✓

200°39' 375

T at Δ point "H"
 to Δ point "G"
 to Δ point "F"

20°39' 375 ✓

276°45' 372

6E

73°20' 237

"

62°30' 353

"

72°40' 273

"

66°00' 350

45

33.6 -

OBJECT

AZ.

STADIA

925.80

6E

69°00' 230

back slope

80°30' 235

57°30' 200

back slope

92°15' 180

"

37°00' 167

back slope

108°00' 138

"

136°00' 104

"

158°10' 102

6E

10°10' 150

"

186°00' 115

6E

342°00' 130

back slope

204°10' 145

"

218°20' 183

6E

300°30' 185

back slope

226°10' 223

edge ridge

286°25' 244

back slope

232°30' 272

6E

278°50' 310

FK
DIST. KP
WH
RW

VERT.
ANGLE

ROD
EQUIV.

ROD

2, 1957
DIFF.

46
ELEV.

+2°30'	+10.0	7.4	+2.6	28.4 -
+2°30'	+10.2	6.0	+4.2	30.0 -
+2°30'	+8.7	10.4	-1.7	24.1 -
+2°30'	+7.8	4.2	+3.6	29.4 -
		9.0		16.8 -
+2°30'	+6.0	3.1	+2.9	28.7 -
+2°30'	+4.5	2.0	+2.5	28.3 -
		3.9		21.9 -
		12.6		13.2 -
		2.7		23.1 -
-1°15'	-2.8	11.4	-14.2	11.6 -
		5.3		20.5 -
		9.0		16.8 -
-3°24'	-11.0	10.0	-21.0	04.8 -
-1°15'	-4.9	5.9	-10.8	15.0 -
-3°33'	-15.1	10.0	-25.1	00.7 -
-1°15'	-5.9	7.4	-13.3	12.5 -
-3°10'	-17.1	10.0	-27.1	98.7 -

OBJECT

AZ.

STADIA

925.8

back slope

237°50' 330

6E

276°45' 372

back slope

240°10' 385

back slope
at section line

243°55' 458

6E

261°15' 417

"

255°40' 430

"

261°20' 365

"

250°10' 430

"

260°10' 312

"

250°00' 390

"

260°50' 250

"

249°10' 330

"

262°15' 200

248°20' 270

262°10' 130

247°50' 207

243°10' 160

DIST	VERT. ANGLE	ROD EQUIV	October 2, 1957		
			ROD	DIFF.	ELEV. 47
FK KD WH RW					
	-1°15'	-7.2	8.5	-15.7	10.1 -
	-3°16'	-21.2	7.4	-28.6	97.2 -
	-1°15'	-8.4	11.6	-20.0	05.8 -
	-1°51'	-14.8	9.0	-23.8	02.0 -
	-2°26'	-17.7	9.0	-26.7	99.1 -
	-2°26'	-18.2	8.5	-26.7	99.1 -
	-2°28'	-15.7	7.0	-22.7	03.1 -
	-2°28'	-18.5	7.5	-26.0	99.8 -
	-2°27'	-13.3	7.0	-20.3	05.5 -
	-2°27'	-16.7	7.5	-24.2	01.6 -
	-2°27'	-10.7	7.3	-18.0	07.8 -
	-2°27'	-14.1	5.6	-19.7	06.1 -
	-2°06'	-7.3	9.0	-16.3	09.5 -
	-2°06'	-9.9	5.7	-15.6	10.2 -
	-1°15'	-2.8	10.4	-13.2	12.6 -
	-1°15'	-4.5	10.0	-14.5	11.3 -
	-1°15'	-3.5	8.9	-12.4	13.4 -

OBJECT

AZ

STADIA

925.8

6E

260°20' 57

"

243°15' 112

"

40°30' 70

"

245°45' 48

"

66°15' 145

"

141°20' 46

"

81°45' 163

93°40' 89

October 2, 1957

48

DIST.

VERT.
ANGLE

ROD
EQUIV

ROD

DIEF.

F1 EV

FK
ST: KD
WH
RW

9.2

16.6-

10.4

15.4-

4.4

21.4-

8.0

17.8-

 $+2^{\circ}30' + 6.3$

9.4

- 3.1

22.7-

2.6

23.2 -

$$+2^{\circ}30' + 7.1$$

6.2

 $+0.9$

26.7 -

$$+2030' + 3.9$$

30

 $+0.9$

26.7 -

OBJECT

AZ.

STADIA

DIST.

VERT.
ANGLE

ROD
EQUIV.

ROD

DIFF.

ELEV. 49

OBJECT

AZ.

STADIA

π at Δ point "F"

to Δ point "E"

$7^{\circ}13' 458$

✓

to Δ point "H"

$96^{\circ}23\frac{1}{2} 375$

✓

to Δ point "D"

$36^{\circ}55\frac{1}{2}$

✓

π at G

to S.W. Cor. To Green Hb $336^{\circ}39'$

to Δ Point "D"

$306^{\circ}57\frac{1}{2}$

✓

to Δ Point "C"

$38^{\circ}05'$

✓

A "F"

To "H"

$96^{\circ}23\frac{1}{2}$

To S.W. Cor. Sec.

$182^{\circ}27\frac{1}{2} 416$

To I.P. on Sec. Line

$224^{\circ}31' 94$

" " "

$299^{\circ}- 93'$

$147^{\circ}\frac{1}{2}$

To X

$356^{\circ}44' 694$

OCTOBER 4, 1957

50

FK
DIST KP
WH
RW

VERT.
ANGLE

VERT.
ANGLE

ROD
EQUIV.

ROD

DIFF.

ELEV

OBJECT

AZ.

STADIA

DIST.

VERT.
ANGLEROD
EQUIV

ROD

DIFF.

ELEV.

-51

OBJECT

AZ. ✓

STADIA

HI 907.32

π at "Y"

to "Z"

341°46' 475

to a point "X"

162°54' 142

shore line

63°25' 154

" "

103°30' 176

HI 890.63 ✓

π at a point "X"

to a point "Y"

342°54' 142

to a point "E"

158°33½' 264

6E

262°30' 70

ridge

88°20' 72

6E

225°25' 102

ridge

113°25' 100

"

122°30' 130

6E

214°35' 120

DIST ^{FK} _{KP} _{RW}	VERT. ANGLE	ROD EQUIV.	October 1, 1957		ELEV. 52
			ROD	DIFF.	
			41.5.12		902.20 ✓ 904.78 906.40 ✓ 907.03
	-7°11'	-17.6	4.0	-21.6	885.72 ✓
	-6°20'	-16.9	8.0	-24.9	82.4 ×
	-4°57'	-15.1	10.0	-25.1	82.2 +
			41		885.76 ✓
			4.87		885.90
	+7°11'	+17.6	6.0	+11.6	902.20 ✓
			8.23		882.54 ✓
			1.4		89.2 +
			1.2		89.4 +
			4.0		86.6 +
			2.3		88.3 +
			2.7		87.9 +
	+2°55'	+6.1	11.0	-4.9	85.7 +

OBJECT

AZ.

STADIA

BM	12.30	907.25		894.95	
Δ Pt Z		0.85	906.40	✓	
Δ Pt Y		5.05	902.20	✓	
TP	1.49	896.02	12.72	894.53	✓
Δ Pt X		10.26	885.76	✓	
Δ Pt E		13.65	882.37	882.54	✓

DIST.

VERT.
ANGLEROD
EQUIV.
(Dead)

ROD

DIFF.

ELEV.

Oct 8, 1957

53

Spike in 16" Oak West Side of Small Lake

OBJECT

H.I. 911.55

AZ.

STADIA

A at Δ Z

to MC #10

128'

342° 29' 117'

Shore line

17° 20' 185'

34° 50' 155'

59° 40' 165'

74° 20' 183'

89° 40' 200'

106° 30' 240'

118° 260'

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV.
FX WH RW				Oct 9, 1937	54

H. 1. 5. 15

906.40

$$-6^{\circ}34'$$

-13.3

9.0

1 22.3

888.90 ✓
89.3

$$-6^{\circ}34'$$

-21.0

8.9

- 29.9

 $81.7 +$ $-7^{\circ}39'$

-20.5

9.0

- 29.5

82.1 +

 $-7^{\circ}39'$

-21.8

7.8

-29.6

82.0 +

$$-5^{\circ}52'$$

-18.6

11.0

- 29.6

82.0 +

 $-5^{\circ}04'$

-17.6

12.0

- 29.6

82.0+

$$-5^{\circ}04'$$

-21.1

8.9

- 30.0

 $81.6 +$
$$-4^{\circ}51'$$

-21.9

8.0

- 29.9

 $84.7 +$

OBJECT

AZ.

STADIA

 ΔA 10.36 904.28

893.92 ✓

TP 7.28 910.37 1.19 903.09

H.I. = 910.37 ✓

T at sta 25+79

to ΔA 357°47' 450'

to Sta 32+56.1 12°40' 686

G E Shoulder or Back 308°10' 51'

" " Slope 267°25' 70'

" " 255°20' 100'

" " 250°15' 130'

" " 246°10' 168'

" " 243°30' 200'

" " 242°20' 234'

" " 239°50' 290'

" " 239°40' 310'

" " 237°05' 343'

" " 236°55' 380'

Oct 8/1957

55

DIST.

VERT.
ANGLEROD
EQUIV.

ROD

DIFF.

ELEV.

HI = 4.95

905.42 ✓

893.92 ✓

-0°59' -7.7 2.0 -16.7

893.7

892.19 ✓

-1°03' -12.6 6.0 -18.6

891.8

7.8

02.6 -

1.3

09.1 -

+4°18' +7.5 2.5 +5.0

15.4 -

+4°18' +9.7 1.3 +8.4

18.8 -

+5°59' +17.4 6.0 +11.4

21.8 -

+5°50' +20.2 6.0 +14.2

24.6 -

+5°50' +23.7 5.7 +18.0

28.4 -

+5°18' +26.7 6.0 +20.7

31.1 -

+5°18' +28.5 7.4 +21.1

31.5 -

+5°02' +30.0 8.0 +22.0

32.4 -

+5°02' +33.2 10.5 +22.7

33.1 -

OBJECT

910.37

AZ.

STADIA

GE
Ditch

232°35' 380'

232°50' 313'

234°50' 230'

237°45' 151'

246°45' 87'

274°25' 50'

340°50' 70'

359°25' 127'

GE ENT

4°46' 152

354°30' 225'

354° 185'

354° 146'

352° 128'

342°35' 87'

329° 65'

E DITCH

318°30' 51

315°20' 105

Oct 9, 1957

DIST.

VERT.
ANGLEROD
EQUIV

ROD

DIFF.

ELEV.

36

	+2° 30'	+16.6	4.0	+12.6	923.0 -
	+2° 30'	+13.6	3.5	+10.1	20.5 -
	+2° 27'	+9.8	4.0	+5.8	16.2 -
	+2° 27'	+6.4	5.3	+1.1	11.5 -
			3.5		06.9 -
			6.4		04.0 -
			9.2		01.2 -
			12.4		98.0 -
			11.1		99.3 -
			12.7		97.7 -
			10.9		899.5 -
			10.4		900.0 -
			13.3		897.1 -
			10.6		00.4 -
			9.1		01.3 -
			10.3		00.1 -
	-2° 36'	-4.8	11.0	-15.8	94.6 -

35.72

64.17

A

185

5395

B

185

78.46

C

150

545,38
37

508.38

35.72

472.66

Nov. 30, 1956

1

Snail Lake Blvd

Locations

Plotted

12/3/56

Sta Point

47+54.70 P.O.T. E + W $\frac{1}{4}$ Line Sec 24

46+08 Conc Steps 16' Lt to 25.7' Lt ✓
4' Tile Walk to SE Cor Ho

44+74 Ent Lt ✓

46+52.5 Conc Wall 23' Lt ✓

46+63 Range tie to Wall ✓

47+02 S.W. Cor Garage 35' Lt ✓

N-12.2-S
E-20.2-W

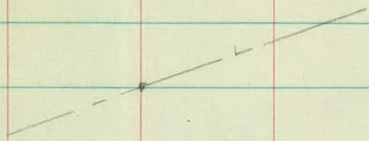
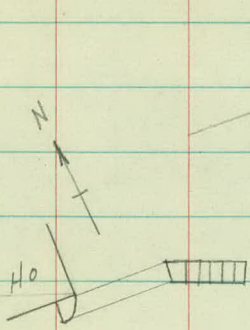
47+11 Range tie to Garage ✓

Nov. 30, 1956

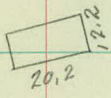
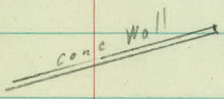
Lt

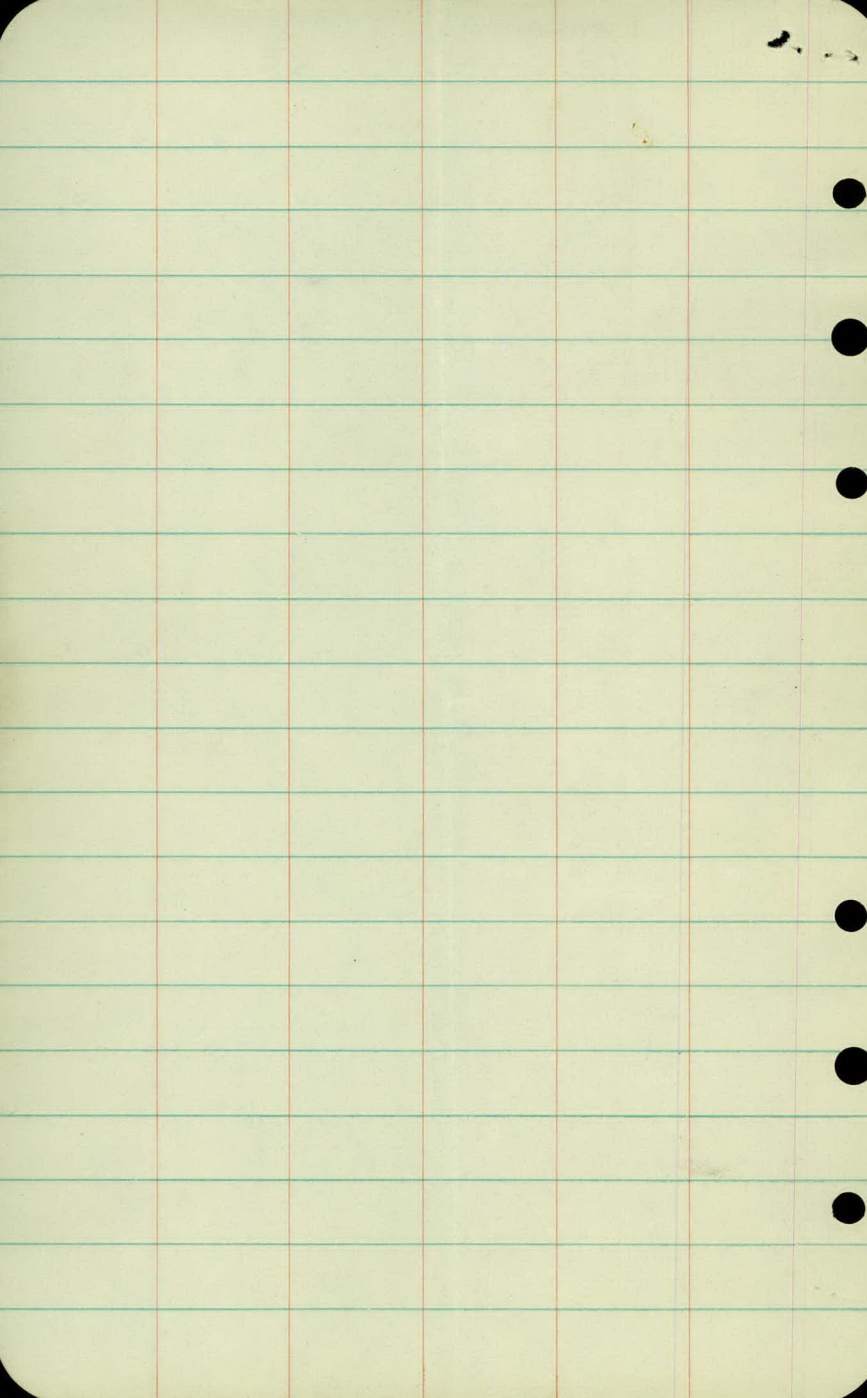
Rt

2



spike





1

Snail Lake Park

Land Survey

1

Snail Lake

Ctr Sec 24

509.66

809.66'

0+10

Bent Spike 1+43.12

13 19.50

90° 09' 45"

90° 09' 30"

21+90.84

13 19.68

26 39.36

2.32 N Iron 13+26.78
1.73 N Iron 13+28.03
1.88 N Iron 15+72.39
2.39 N POT Nail 18+27.41

9+38.99

2.49 N Spike 14+03.003

89° 41' 20"

P.O.T. 24+70.16

13 19.68

26+27.66

3.03

0+10

Iron 0.12E 6+57.04

0.92W Iron 7+79.92

Iron 0.63'W 8+72.09

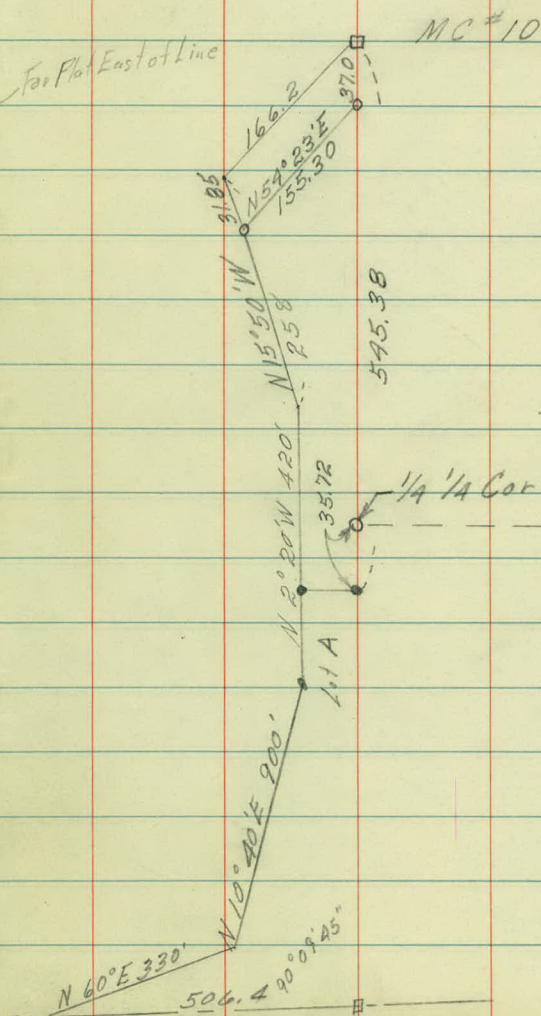
26+39.83
164.23
Iron

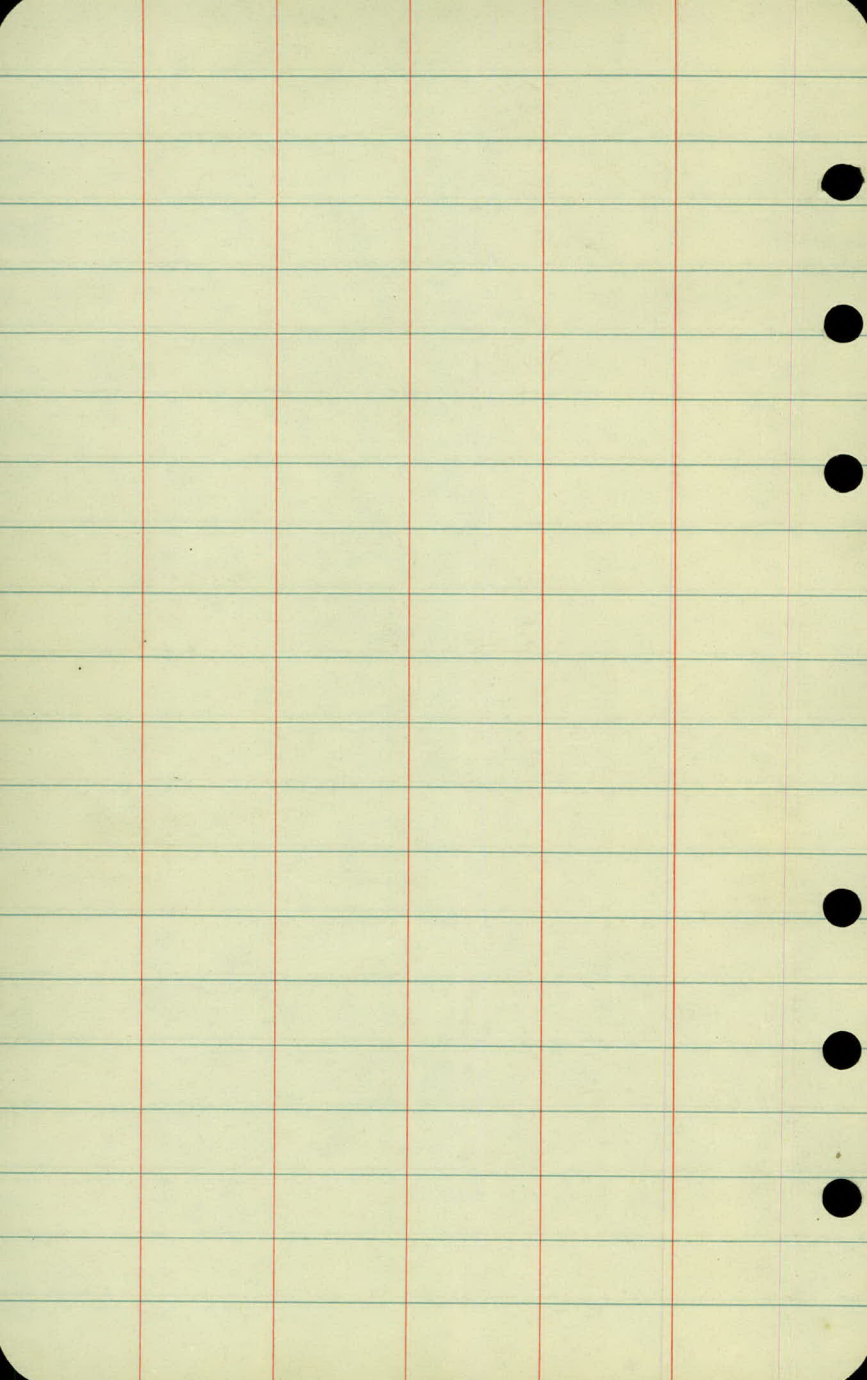
13+13.83
13+15.16
Spike 14+15.16

IN 345N

Deflection

0° 19' 15" S.





April 6, 1959

2

Snail Lake

Check

20'

169.56

1.5

164.57

Lot 56 Eisenmingers
Lake Villas

1317.42 M

164.23

1316.570

1318.83 M

90° 09' 30"

89° 41' 20"

1319.68 M

1319.68 M

