

0.01 RT. Book 87 Dr 16

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

PLAN

Survey

LEXINGTON AVE

From Lexington To S.T.H. # 8

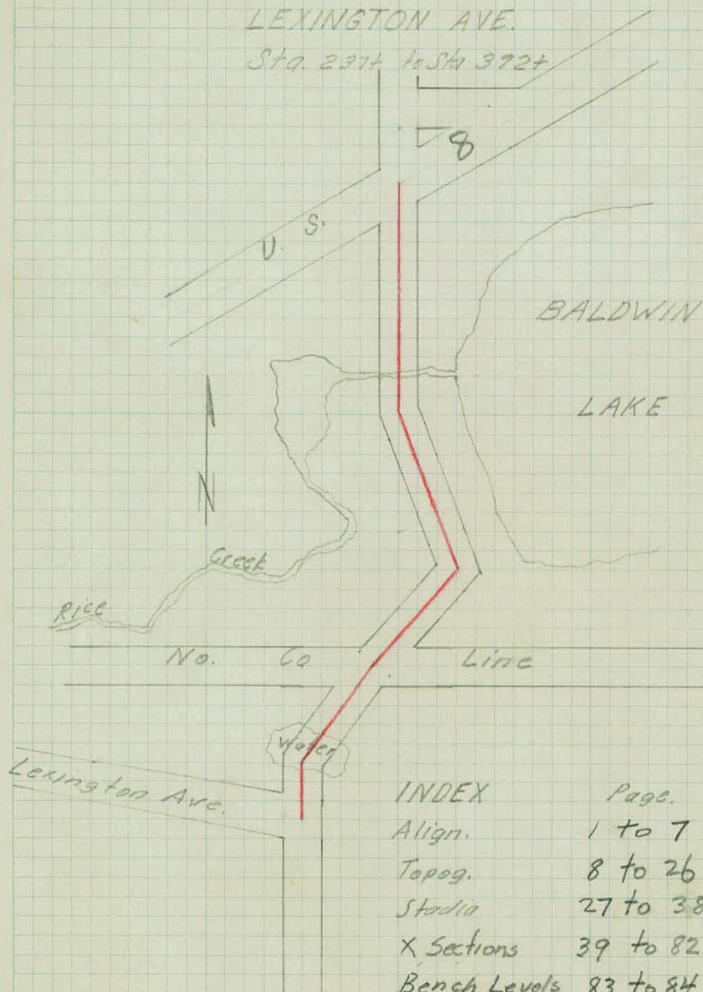
Road Acc't. No. 3

Date Filed 1-30-43

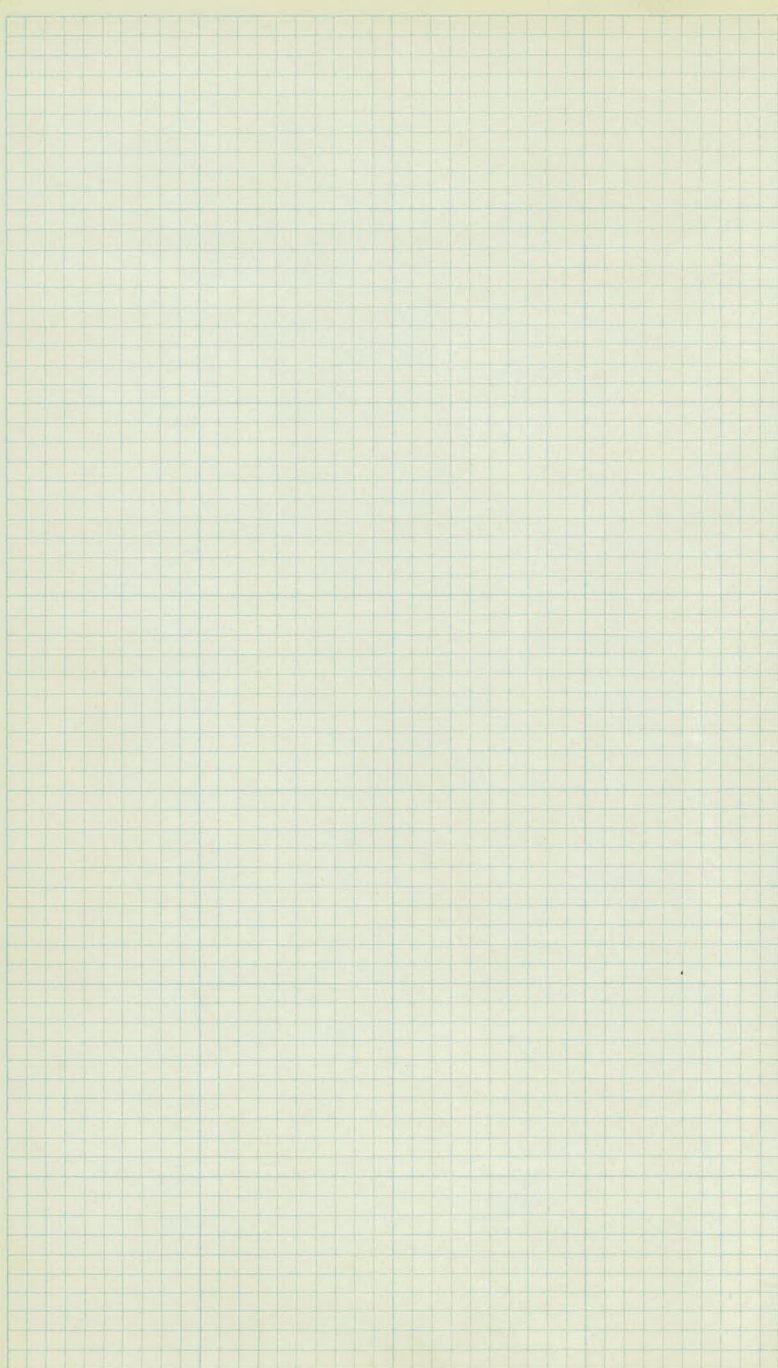
File

Dist 9

PLAN SURVEY
LEXINGTON AVE.
Sta. 2314 to Sta 3924



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Align.	1 to 7
Topog.	8 to 26
Stadia	27 to 38
X Sections	39 to 82
Bench Levels	83 to 84
Push Soundings	85 to 88



Alignment

Bearings are backed in from Twp line
in Anoka Co.

Sta	Point	ΔLt	ΔRt
-----	-------	-------------	-------------

256	+80.34 P.O.T.		
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N-27°07'E

+62.12	P.T.	14°06.7'	
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255		13°11'	
-----	--	--------	--

254		11°41'	
-----	--	--------	--

253		10°11'	$\Delta 28^{\circ}13\frac{1}{2}'$
-----	--	--------	-----------------------------------

252		18°41'	D-3° -
-----	--	--------	--------

+01.5	P.I.		T-480.21'
-------	------	--	-----------

251		7°11'	L-940.83'
-----	--	-------	-----------

+91.71	P.O.C	7°04.3'	R-1910.08'
--------	-------	---------	------------

250		5°41'	
-----	--	-------	--

249		4°11'	
-----	--	-------	--

248		2°41'	
-----	--	-------	--

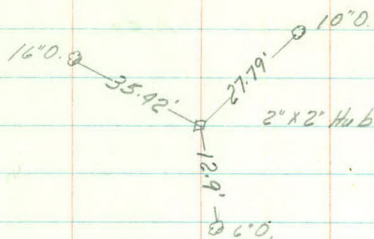
247		1°11'	
-----	--	-------	--

246	+21.29 P.C.	0°00'	
-----	-------------	-------	--

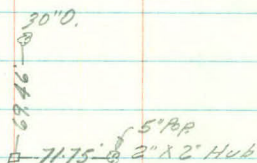
N-1°06'30"W

237	+37.9 P.I.	0°03'	
-----	------------	-------	--

18-11-91
K.A.
L.G.
198
C.F.



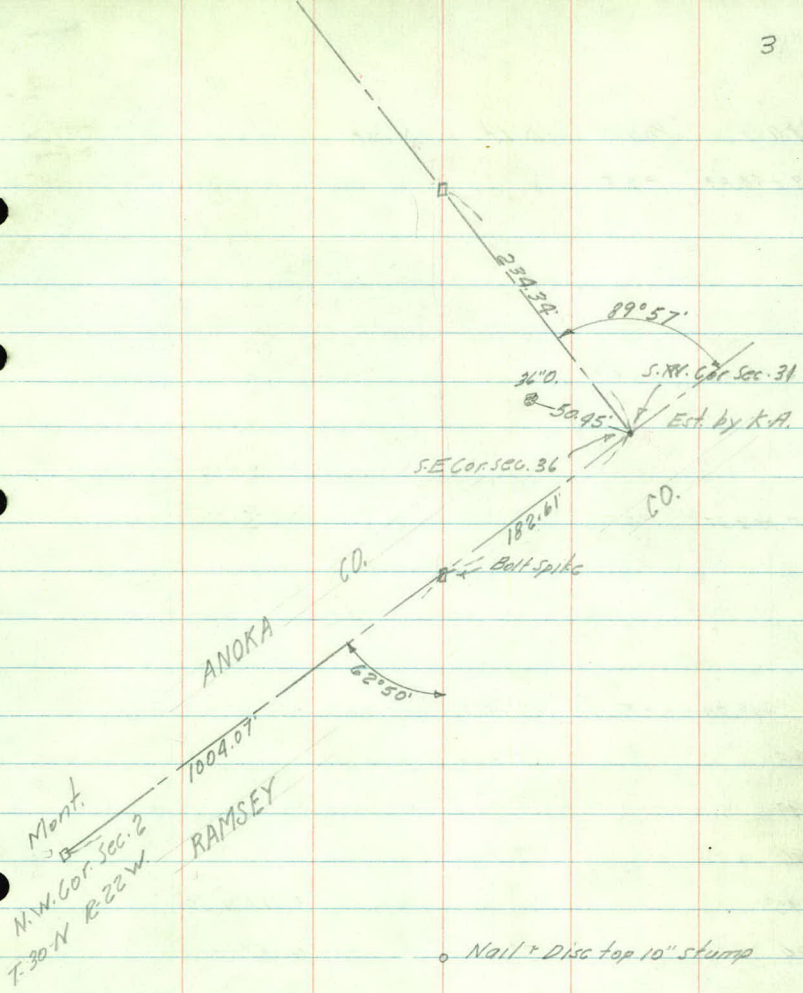
2" x 2" Hub



Mont. W. 1/4 Cor. Sec. 2

T. 30N. R. 23W

Sta	Point	ΔL	ΔR	
275 +01.04	P.O.T.			
+74.28	P.T.	5°23.5'		N 37°54'E
+50		5°10'		
274		4°40'		
+50		4°10'		
273		3°40'	$\Delta - 10°47'$	
+50		3°10'	$D - 2°00'$	
272 +05.50	P.I.	10°47'	$T - 270.39'$	
272		2°40'	$L - 539.17'$	
+50		2°10'	$R - 2864.93'$	
271		1°40'		
+50		1°10'		
270		0°40'		
269 +35.11	P.C.	0°00'		
267 +77.62	P.O.T.			
260 +62.25	P.O.T.			N - 27°07'E
258 +21.10	P.O.T.			



- Nail + Disc top 10" stump
- Nail + Disc top 5" stump
- Nail + Disc top 10" stump

Sta	Point	ΔLt	ΔRt
299 + 52.89	P.O.T.		

303 + 94.56	P.O.T.		
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300 + 52.37	P.O.T.		
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N. 19° 27' 30" W

42.74	P.T.	28° 40.7'
-------	------	-----------

298		27° 36.6'
-----	--	-----------

297		25° 06.6'
-----	--	-----------

296		22° 36.6'
-----	--	-----------

295		20° 06.6'
-----	--	-----------

A-57° 21' 30"

294		17° 36.6'
-----	--	-----------

D-5° -

293 + 22.61	P.I.	
-------------	------	--

T-627.04'

293		15° 06.6'
-----	--	-----------

L-1147.17'

292		12° 36.6'
-----	--	-----------

R-1146.28'

291		10° 06.6'
-----	--	-----------

Ext-160.28'

290		7° 36.6'
-----	--	----------

289		5° 06.6'
-----	--	----------

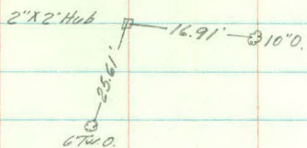
N-37° 54' E

288		2° 36.6'
-----	--	----------

287		0° 06.6'
-----	--	----------

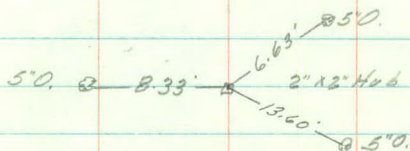
286 + 95.57	P.C.	0° 00'
-------------	------	--------

1021.57

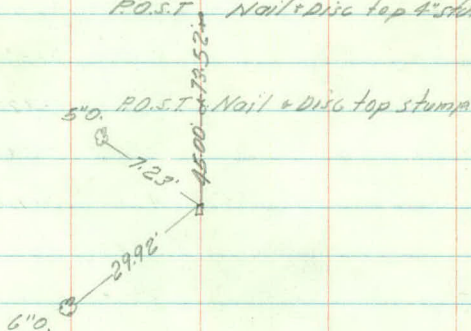


Nail + Disc top 12" stump

Nail + Disc top 5" stump



POST Nail + Disc top 4" stump



Nail + Disc top stump

Sta	Point	ΔLt	ΔRt
-----	-------	-------------	-------------

337+28.90	P.O.T.		
-----------	--------	--	--

329+67.29	P.O.T.		
-----------	--------	--	--

N-0°00'

195.08	P.T.	9°43.7'	
--------	------	---------	--

+50

9°03'

328

8°18'

+50

7°33'

327

6°48'

+50

6°02' Δ -19°27'30"

326

5°18' D-3°-

325+73.95	P.I.	19°27'30"	T-327.48
-----------	------	-----------	----------

+10.77

4°52' L-648.61

+50

4°33' R-1910.08

325

3°48'

+50

3°03'

324

2°18'

+50

1°33'

323

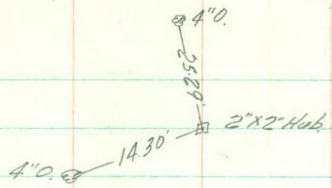
0°48.2'

322+46.41	P.G.	0°00'	
-----------	------	-------	--

0°00'

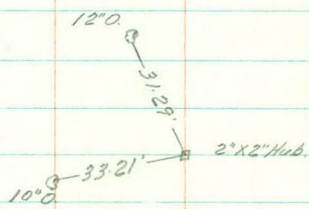
1358.25

19-19-41
K.A.
L.C.
C.F.
L.H.



25 30
36 31

Est by K.A.



P.O.S. T. 325+39.42 • Nail + Disc top 4" Stamp.

Sta.	Point	ΔLf	ΔRt
------	-------	-------------	-------------

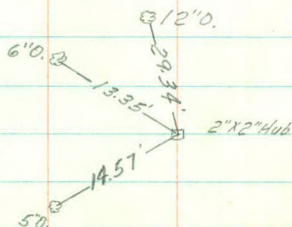
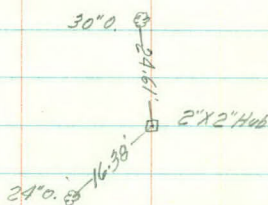
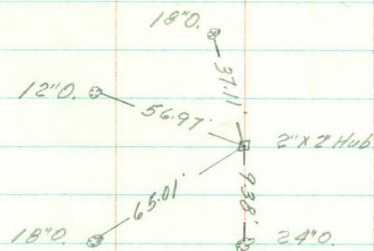
362 +67.20			
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360 +98.68	P.O.T.		
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349 +0262	P.O.T.		
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N. 0°00'

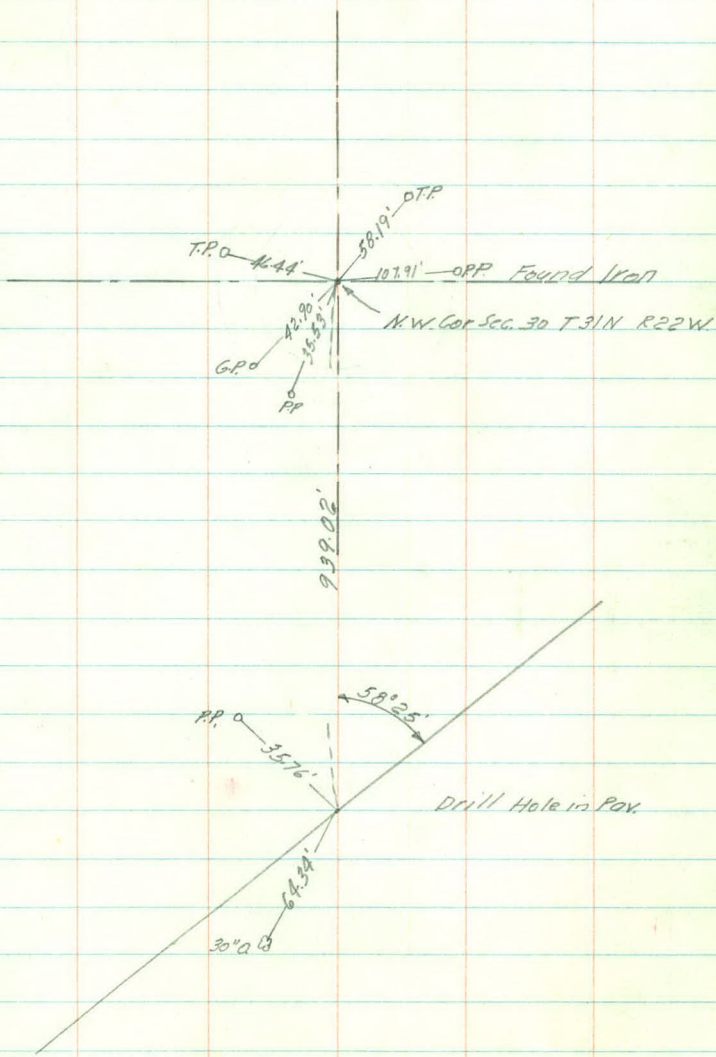
344 +67.42	P.O.T.		
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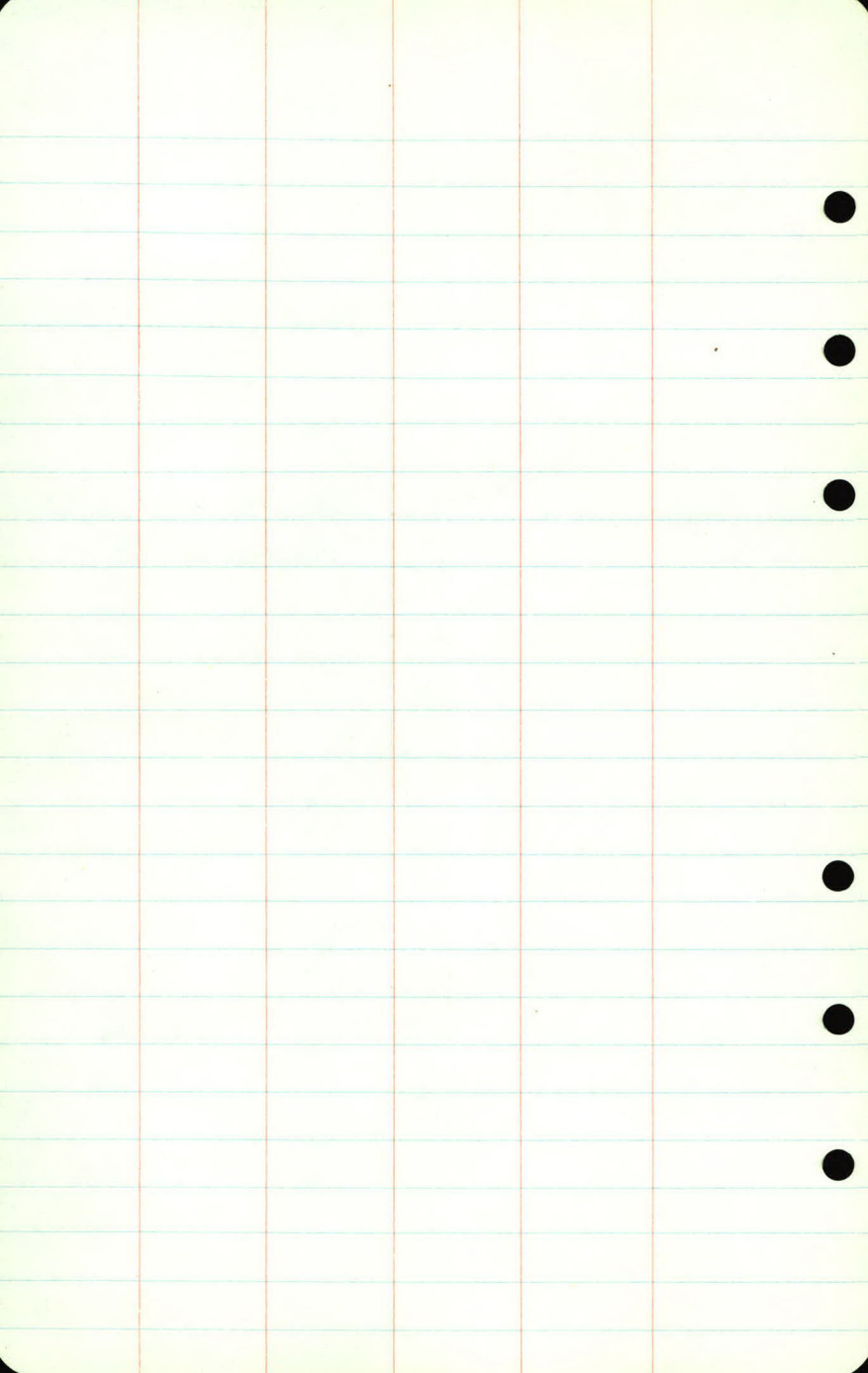


Sta.	Point	ΔL	ΔR
------	-------	------------	------------

372 + 66.13 = E. U.S. Highway 8

N 0° 00'





Topography

115 Woods - 24'

150 Woods - 3'

242

Wood - 4'

183 Swamp - 93'

150 Swamp - 128 - 46'

241 Swamp - 130 - 27'

Woods - 23'

240 Swamp - 10'

190 Bog Swamp Wood - 0'

160 Bog Woods - 6'

239

Brush - 4'

53' 153 Bog Brush - 0.9

238

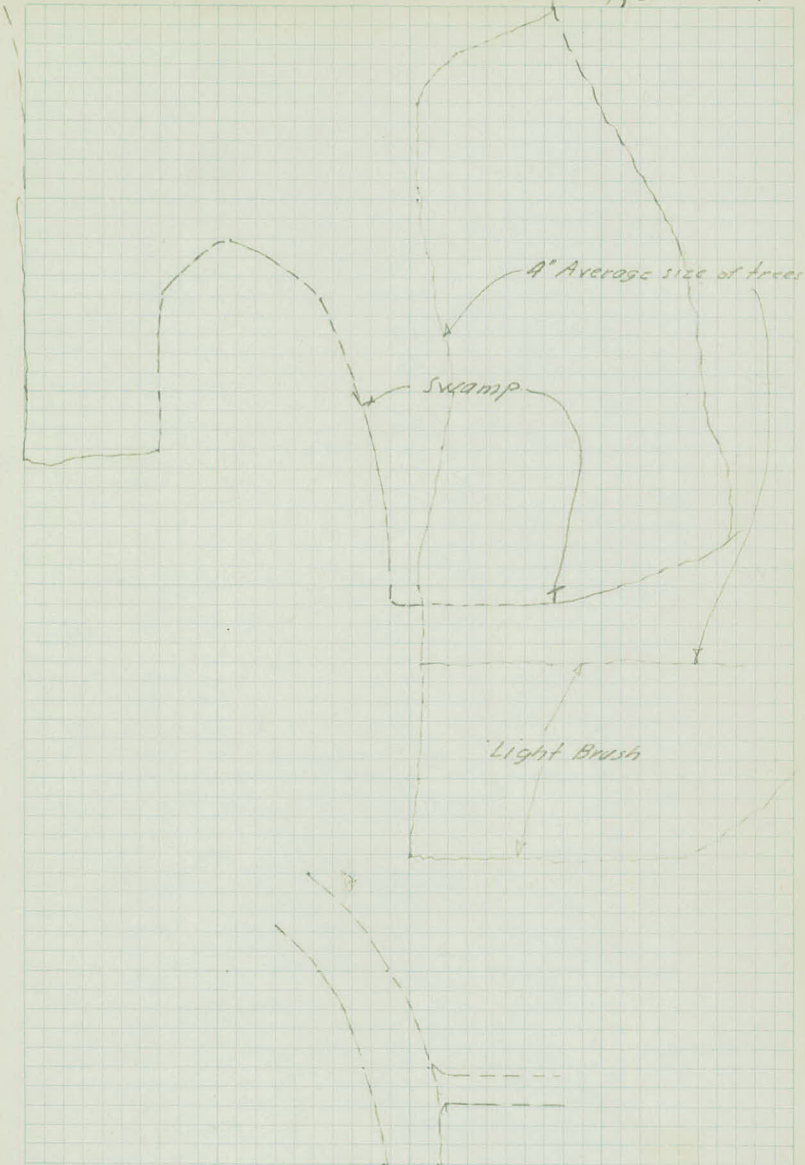
48 - 12'

25' 9'

139 Foot

237

14' 14'



249

248

247

246

192 Edge water

245

140 Cor. Swamp #14005-100

244

243

Woods - 15

See stadia notes for swamp location
and location of water.



256

+84-Beg Woods
End Cult

255

254

253

+95 Cor. Woods = P9.
Beg. Cult.
+55-Edge Woods

252

+16-Beg Woods
Edge Swamp

251

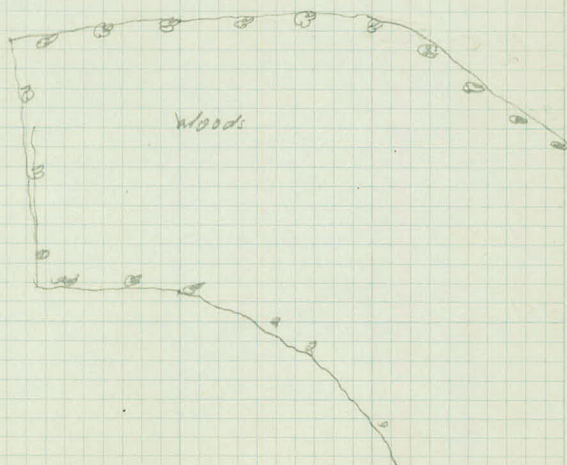
250

Woods



cult.

cult.



265

192 Woods 20
194 Pitch 10 E

R Trail 1 - 44'

130 Woods - 28

264

184 Woods - 35'

263

195 End Woods
Bog. Swamp

262

191 Trail 10 E

192 End Pc 24' R Trail 1 - 35'

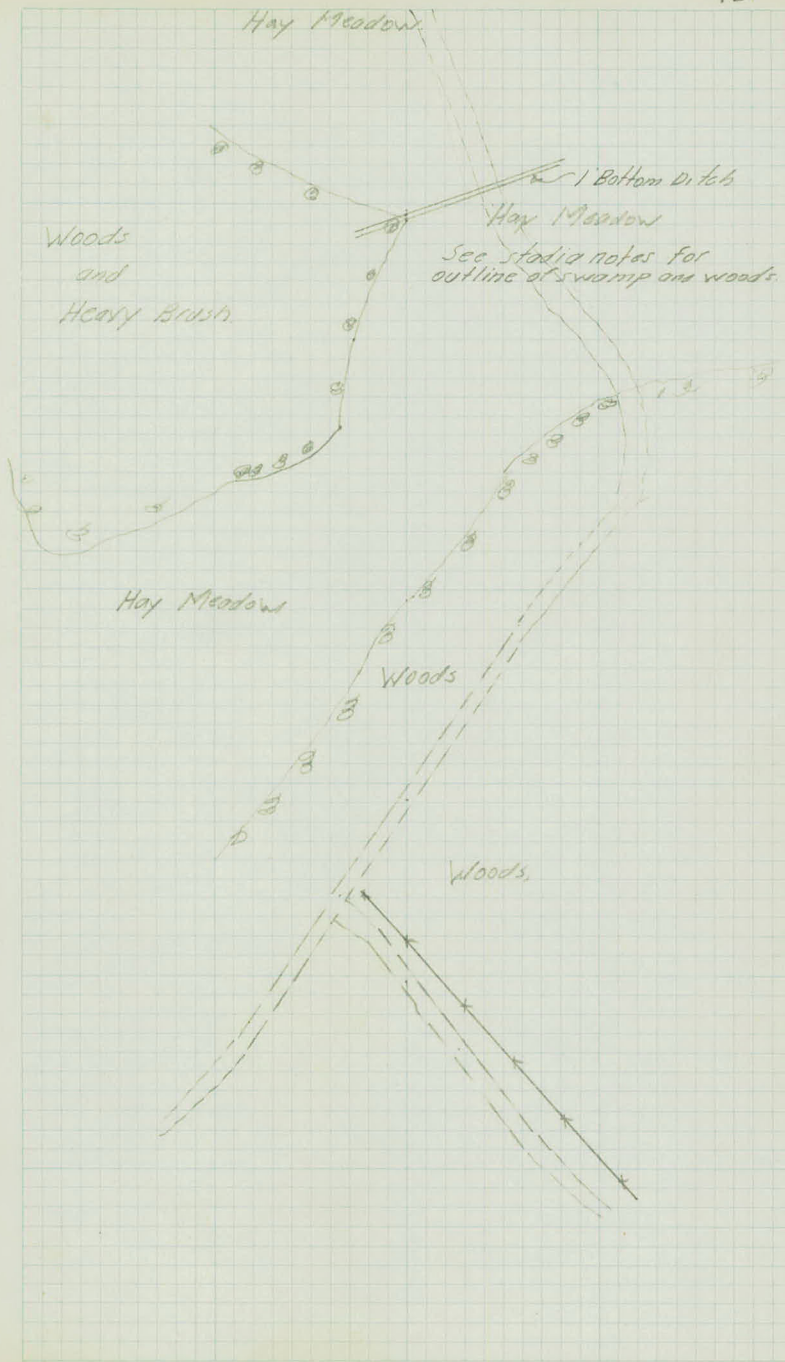
111 Pc NE

261

198 Trail 1 10 E

162 - R Trail 1.29 Pc 39'

260



+32-Edge Road.

272

+97-Edge Road

+68-End Gulf

271 & Trail - 83'

270 & Trail - 56'

269 & Trail - 59'

+19-Woods - 34'

+86-Woods - 90

+67-Woods - 14'

+58-Swamp - 120'

+35-Swamp - 60'

268 & Trail - 93' Woods - 27'

Swamp - 50

+50-Woods - 23' & Trail - 46'

Swamp - 50

+16-Wood - 34'

267 Trail - 34'

+15-Swamp - 60'

Swamp - 60'

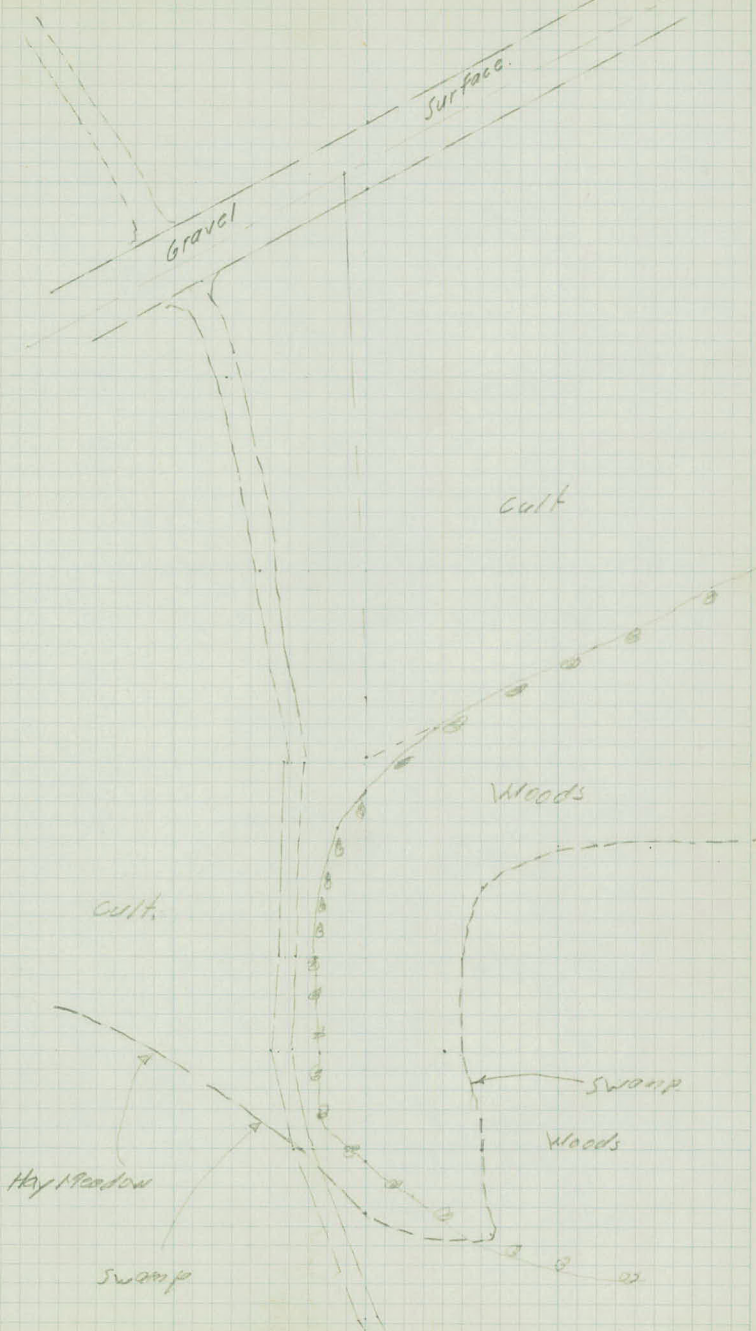
+93-Beg Woods.

+68-Edge Swamp

+57-Swamp - 65

+12-Trail x5 &

266



279

278

277

276

275

274

273

Waste land

Pothole:

see skalia notes.

Uncult.

Waste land

286

285

284

283

282

281

280

Uncult.

Wasteland.

Uncult.

Uncult.

+90-FG X5 Q

304

303 E Trail - 62'

302

+117-Trail X5 Q

289

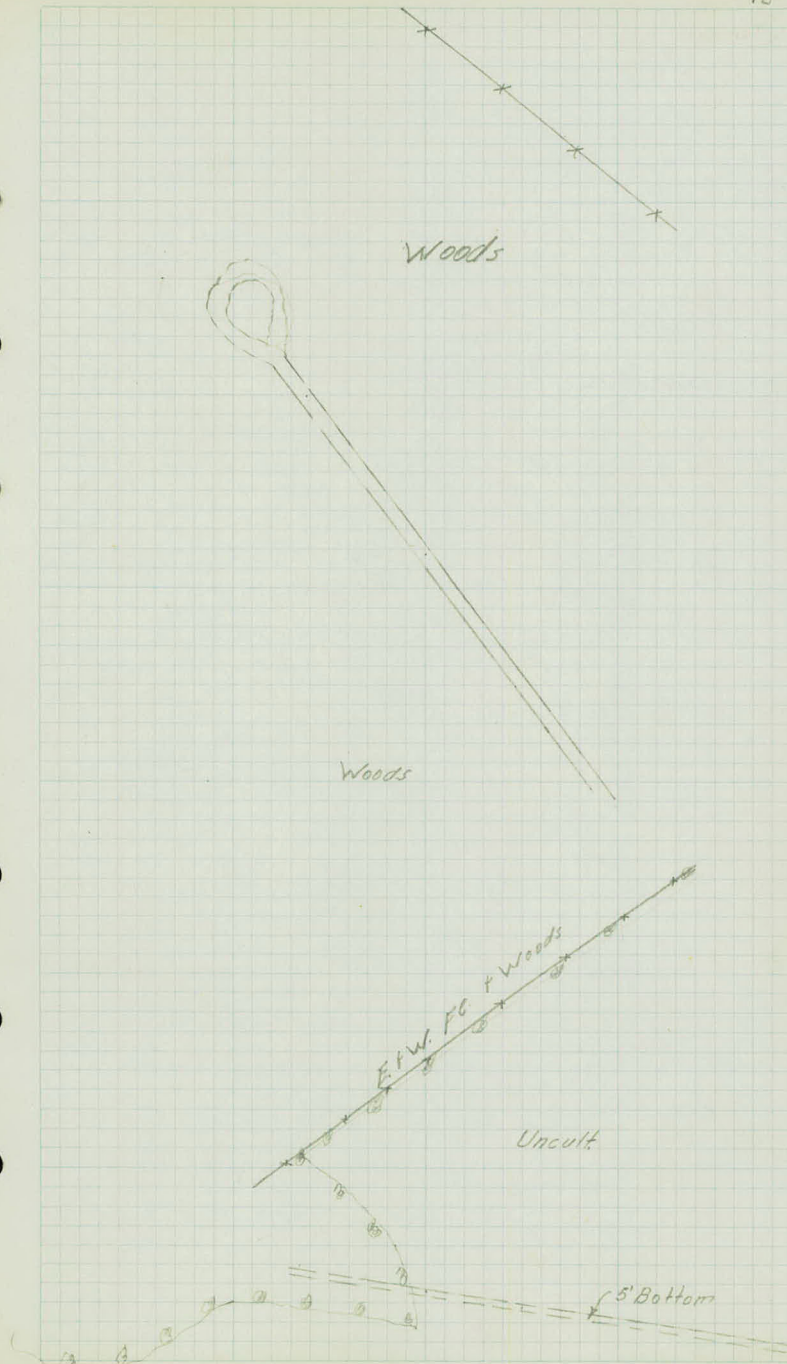
+55-FG X5 Q
+51-Woods X5 Q

+65-Woods - 63'
288

+60-Woods - 16'

+18-Bog Woods 9'
287

+36-Ditch X5 Q
+27-Ctr Area 50'



A hand-drawn map on graph paper. At the top, a line with four 'x' marks slopes downwards from left to right. Below this line, the word 'Woods' is written. A path, represented by two parallel lines, starts from a circular loop at the top left and extends diagonally downwards towards the center. Below this path, the word 'Woods' is written again. At the bottom, a line with several 'x' marks slopes upwards from left to right. Above this line, the text 'E.P.W. FC + Woods' is written. Below this line, the word 'Uncult.' is written. At the very bottom, a dashed line is labeled '5' Bottom'.

Woods

Woods

E.P.W. FC + Woods

Uncult.

5' Bottom

311 Lowland - 60'

Lowland - 100'

310 Lowland - 53'

Lowland - 65'

+50 Woods - 17'

+37 Woods - X's R

+20 Woods - 14'

309 Beg. Woods - 7'

+10 Woods - 48'
Woods - 10'

+65 Lowland X's R

308

307

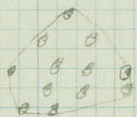
306

305 Fe 12'

End Woods Beg. Lowland

Swamp

Swamp.



Knell

See stadia notes for outline of
Swamp, Woods + Baldwin Lake

Swamp

Woods

318 Lowland - 91'
Woods - 48'

Lowland - 150'
Woods - 89'

317 Lowland - 82'
Woods - 20'

Lowland - 120'
Woods - 48'

316 Woods 56' Lowland 102' Woods 90'

Lowland - 75'

46085 Woods - 62'

315 Lowland 100'

Lowland 45'

314 Lowland - 12'

Lowland - 37'

313 Lowland - 70'

Lowland - 56'

312 Swamp - 71'

Swamp - 69'

Woods

Lowland

Lowland

325 Lowland - 127'
Woods - 84'

Lowland - 30'
Woods - 12'

324 Lowland - 142'
Woods - 100'

Lowland - 50'
Woods - 28'

323 Lowland - 71'
Woods - 40'

Lowland - 68'
Woods - 46'

322 Lowland - 40'
Woods - 6'

Lowland - 90'
Woods - 65'

321 Lowland - 57'
Woods - 25'

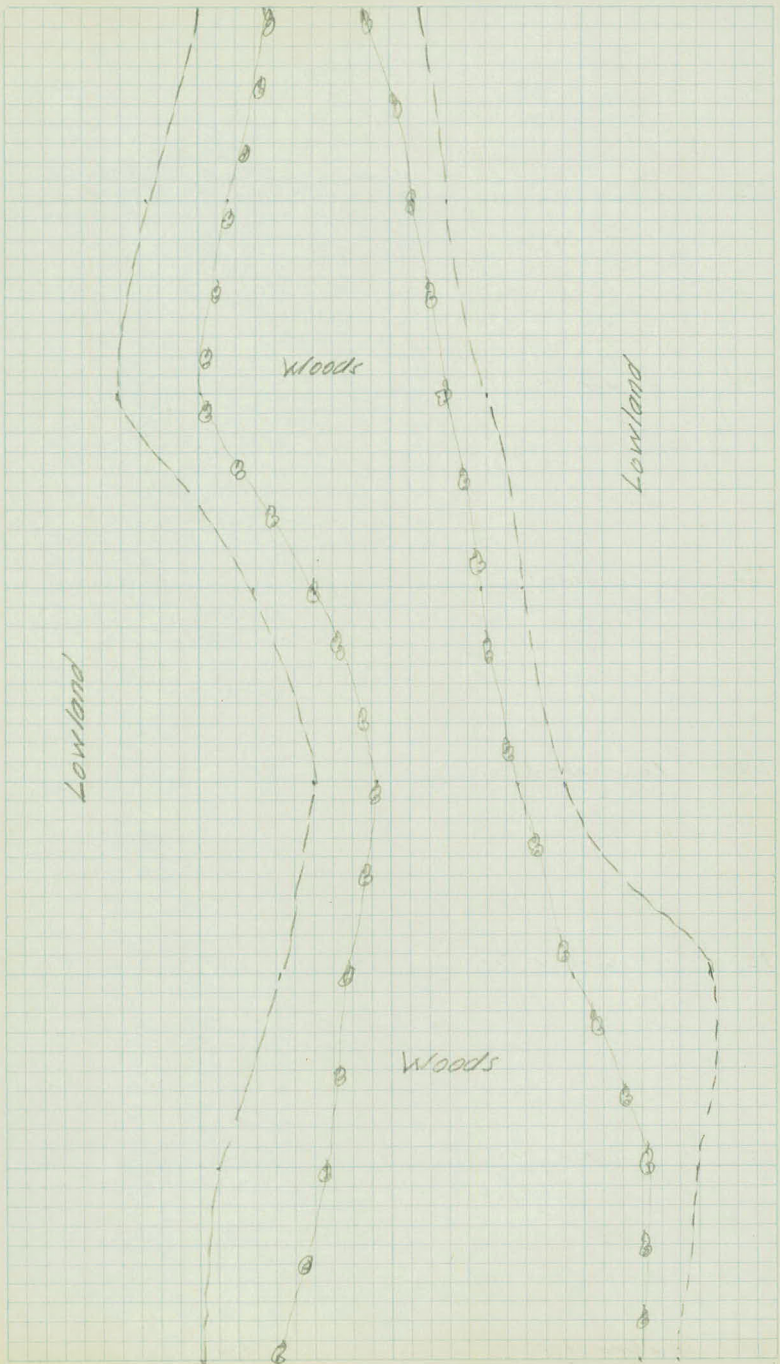
Lowland - 165'
Woods - 94'

320 Lowland - 90'
Woods - 34'

Swamp - 158'
Woods - 133'

319 Lowland - 100'
Woods - 60'

Lowland - 148'
Woods - 125'



+78-Edge Creek-00

+18-Edge Creek-00

332

+38-End of Knoll-65'

331' Lowland-79'-33'

330' Lowland-90'-15'

329' Lowland-80'-30'

328' Lowland-115'-40'

327' Lowland-100'-10'

+50 Lowland-80' Woods-45' Lowland-00

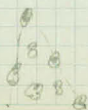
326' Lowland-100'
Woods-65'-15'

Lowland-15'

Rice Creek

Lowland

Lowland



339

338

337

336

335

Lowland - 30'

334

Lowland - 20'

333

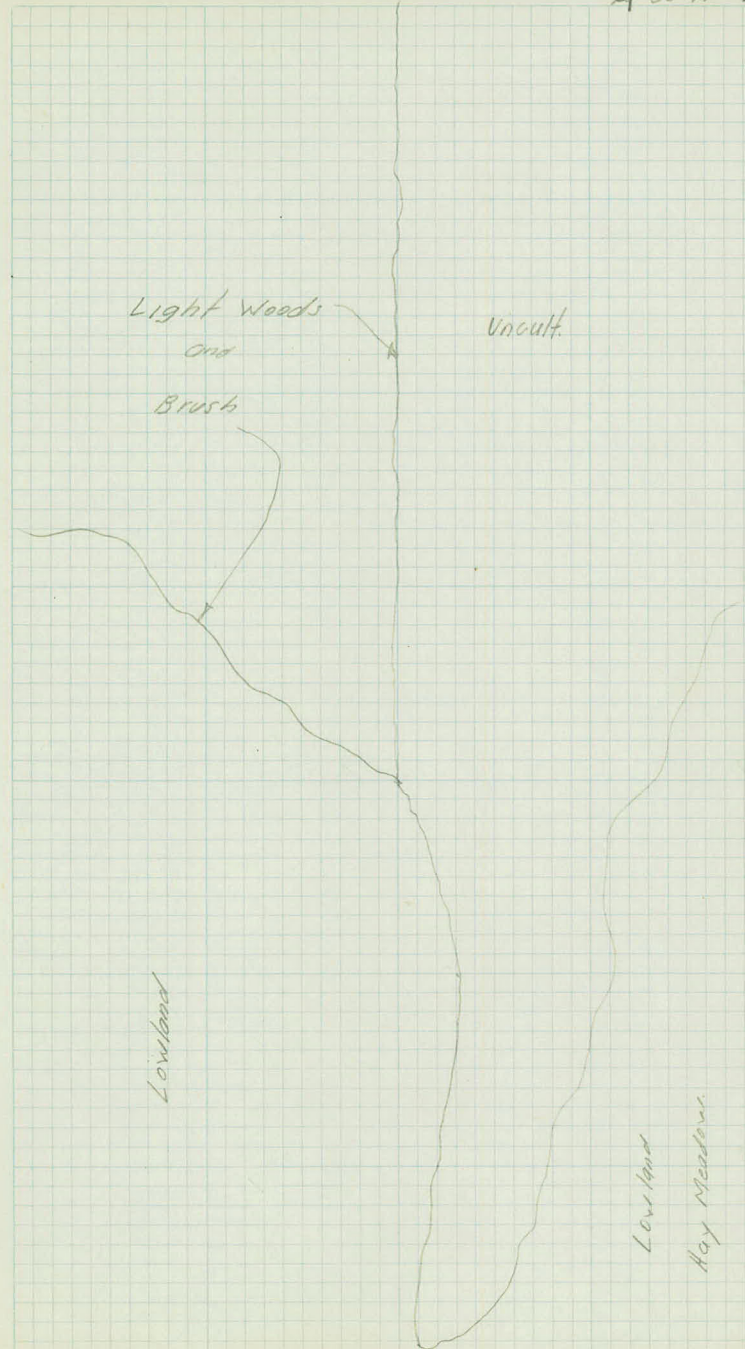
for Lowland - 10'

Light Woods
and
Brush

Uncult.

Lowland

Lowland
Hay Meadow



346

Fe-5'

Woods-3'

345 E Trail-43 Fe-2'

Woods-4'

Fe

+50' E Trail-24'

+26-46 Trail-

344 Fe-2'

Woods-5'

343

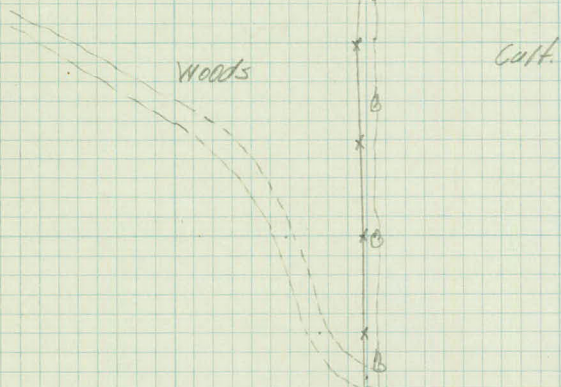
+83-Fe Cor-00

342

341

+10-Beg. Cult.

340



x x x x

Cult

Woods

353 Lowland - 130

Fe - 3'

352 Lowland - 90

Fe - 3'

110 Woods - 5'

355 Lowland - 83

351

117 Lowland - 0.0
Fe - 0.0

110-Exp Cult.
Lowland - 130
Woods - 5'

350

Fe - 0.0
Woods - 0.0

Lowland - 130

349 Fe - 3'

Woods - 0.0

348 Fe - 1'

Woods - 2'

347

Fe - 0.0 Woods - 0.0

150-Peg Cult

135-Lowland-42'

125-Swamp-00

360 Lowland-10'

FG-0.0

194-Road-Tic to Lowland

359 Lowland-30'

358 Lowland-200

FG-0.0

357

FG-1'

356

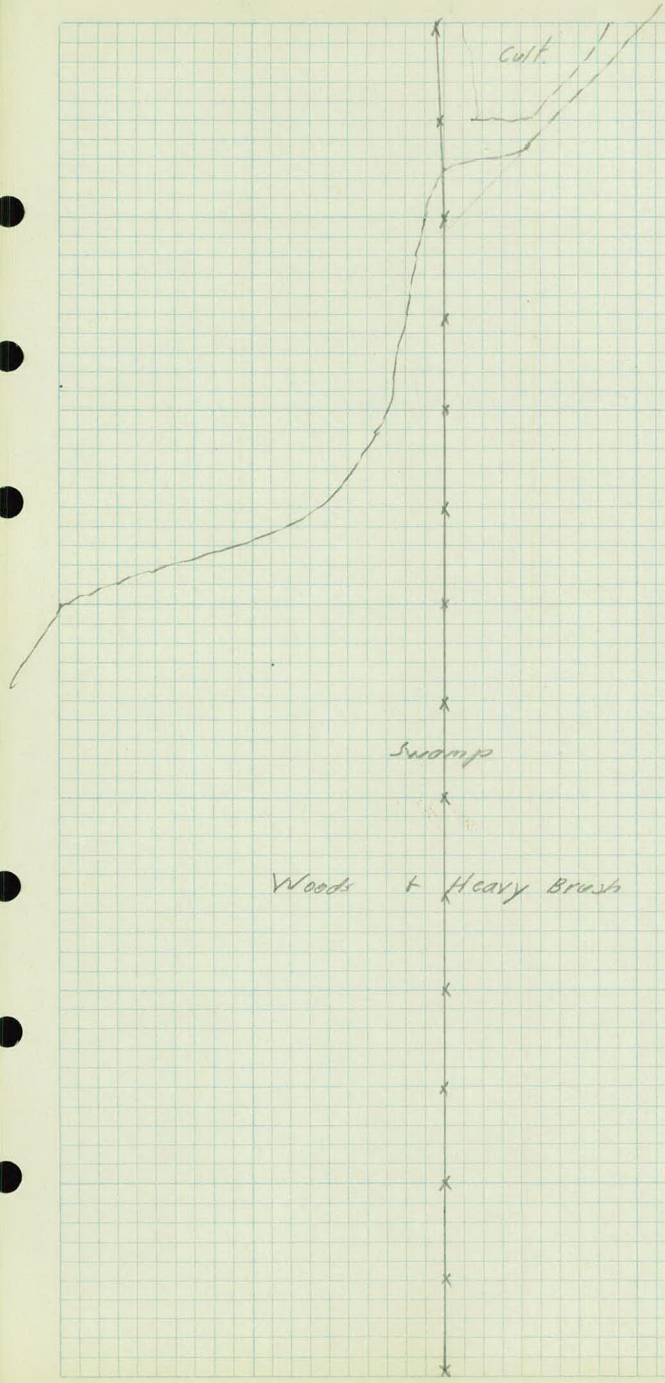
FG-0.0

355

FG-0.0

354

FG-0.0



367 FC-8

Woods-3' Trail-15'

366 FC-4' Woods-0.0

& Trail-17'

365 FC-6' Woods-5'

Trail-12'

364 FC-6' Woods-5'

& Trail-9'

363 FC-5' Woods-4'

Reg. Trail-10'

362 FC-2' Woods-2'

361 FC-3' Woods-0.0

Woods

Cult.

Woods

Cult.

+66.13-£ 27 Porement

End Woods 2
+10 Fe. Cor. 15'
372 Fe. 10

Woods-0.0

£ Trail-18'

371 Fe-4'

Wood-0.0

Trail-17'

370 Fe-5'

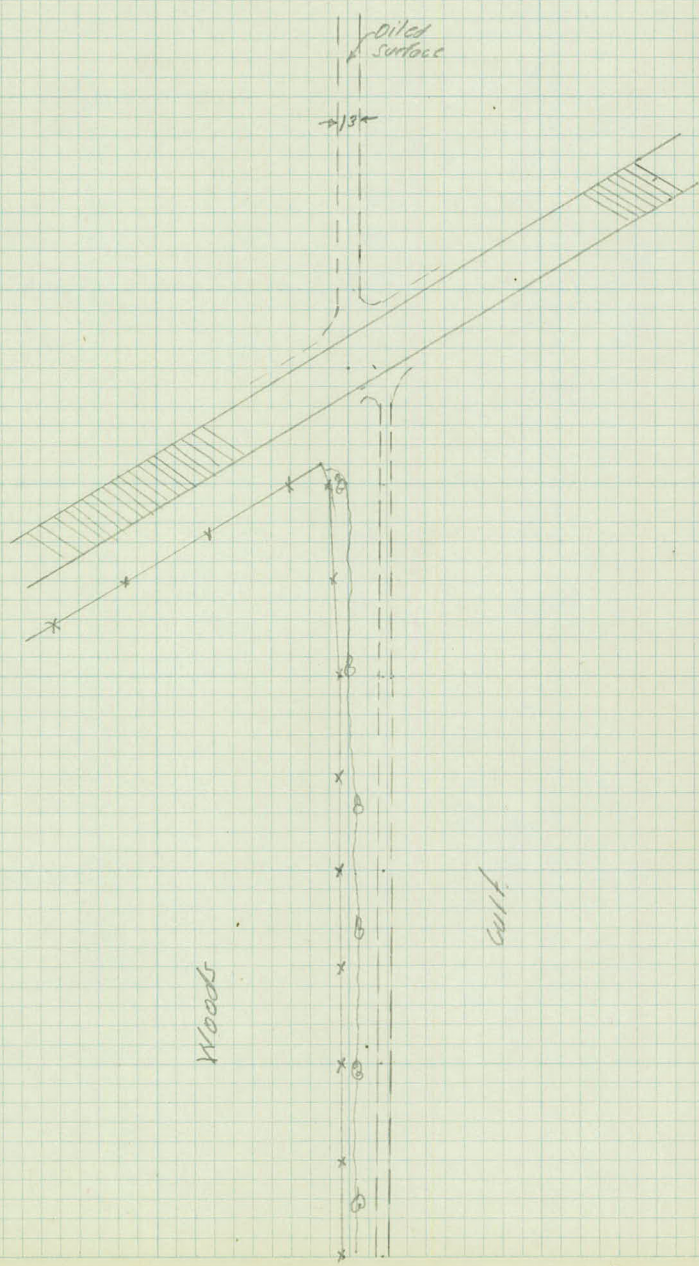
Woods-3' Trail-17'

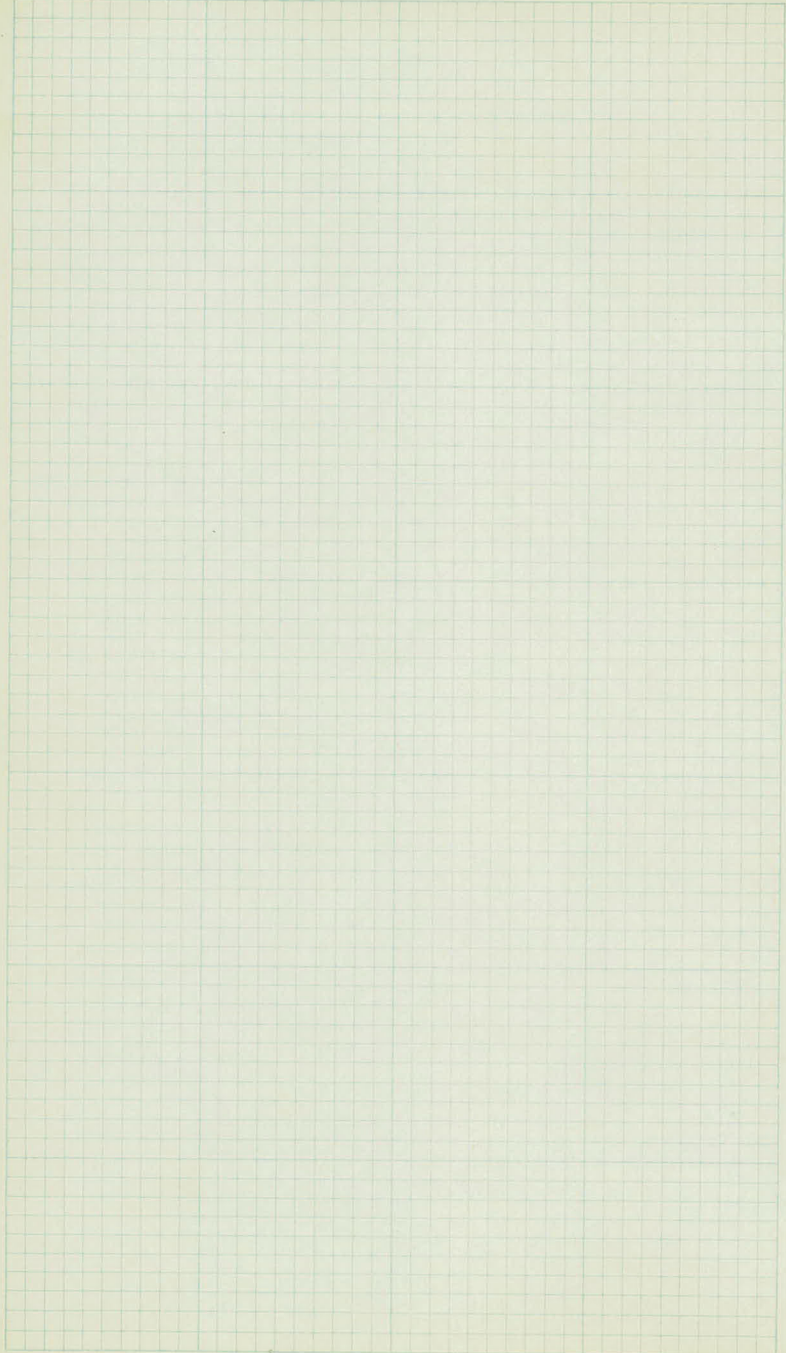
369 Fe-3'

Woods-5' Trail-16'

368 Fe-3'

Woods-3' Trail-16'





stadiq

Sta.	Azimuth	Dist	Red
------	---------	------	-----

At P.I. Sta	251° 01.5'		
-------------	------------	--	--

North =	0° 00'		
---------	--------	--	--

To Δ #1	146° 57'	2.64	
---------	----------	------	--

E.T. + S	130° 00'	1.65	
----------	----------	------	--

E.W.	59° 00'	1.20	
------	---------	------	--

E.T. + S	114° 00'	1.27	
----------	----------	------	--

E.W.	204° 00'	1.02	
------	----------	------	--

E.T. + S	91° 00'	.75	
----------	---------	-----	--

E.S. & Cor. Woods	2° 30'	.37	Woods run along sea line per Lh.
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E.S.	294° 00'	.95	
------	----------	-----	--

E.W.	229° 00'	1.31	
------	----------	------	--

E.S.	275° 00'	1.70	
------	----------	------	--

E.W.	240° 00'	2.05	
------	----------	------	--

E.S.	267° 00'	2.60	
------	----------	------	--

E.S.	264° 00'	3.52	
------	----------	------	--

E.S.	263° 00'	4.27	
------	----------	------	--

E.S.	254° 30'	4.80	
------	----------	------	--

At Δ #1			
---------	--	--	--

To P.I.	326° 57'	2.62	
---------	----------	------	--

E.T. + S	326° 57'	.53	
----------	----------	-----	--

E.W.	300° 00'	1.18	
------	----------	------	--

E.T. + S	28° 00'	.43	
----------	---------	-----	--

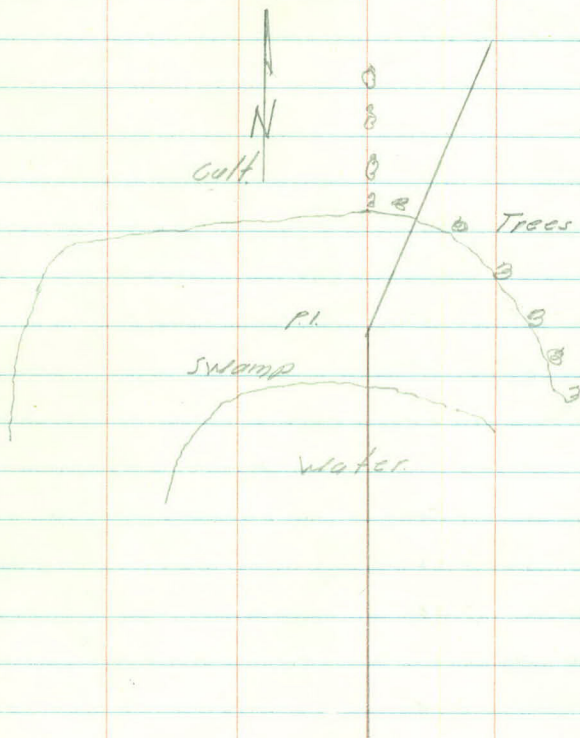
E.W.	262° 00'	1.27	
------	----------	------	--

E.W.	238° 00'	1.34	
------	----------	------	--

E.S. = Edge Swamp
E.W. = " Water
E.T+S = Edge Wood + Swamp.

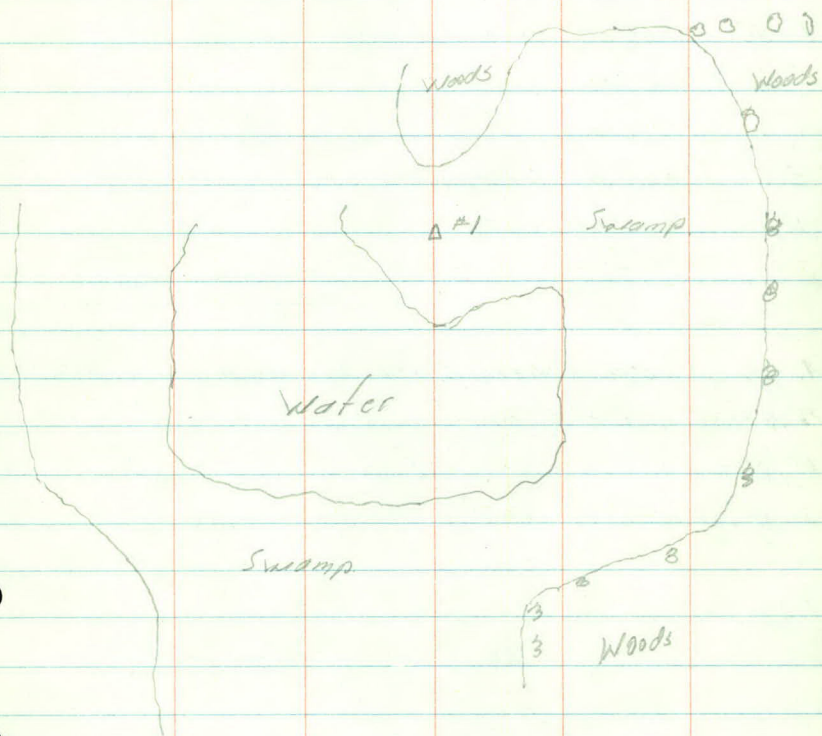
9-20-91

28



Sta.	Azimuth	Dist	Prod.
E.W.	219°00'	98	
E.W.	143°30'	65	
E.T. & S.	37°30'	150	
E.W.	64°00'	128	
E.T. & S.	37°00'	314	30' N.W. to Cor Woods = Edge Swamp.
E.S.	42°30'	395	
E.W.	95°00'	163	
E.S.	54°00'	495	
E.W.	112°00'	255	
E.S.	60°00'	550	
E.T. & S.	60°30'	516	Cor Woods runs East
E.T. & S.	93°00'	450	
E.T. & S.	105°30'	403	
E.T. & S.	118°00'	338	
E.T. & S.	134°30'	330	
E.W.	134°30'	265	
E.T. & S.	151°30'	400	
E.W.	158°30'	255	
E.T. & S.	168°30'	421	
E.W.	175°30'	295	
E.T. & S.	179°30'	427	
E.W.	193°00'	288	
E.W.	215°30'	377	
E.W.	230°30'	464	

586E



Sta.	Azimuth	Dist	Red.
E. W.	236° 00'	438	
E. W.	248° 30'	405	
E. W.	265° 00'	380	
E. S.	221° 30'	622	
E. S.	232° 00'	695	
E. S.	242° 00'	616	
E. S.	258° 00'	610	

At Sta 263 0°00' = N-5°00'E. due to error. (for this setup only)

To Δ #1 250° 30' 196

At Δ #1

To Sta 263 70° 30' 196

E. T. 46° 30' 211

E. T. + S. 82° 00' 121

E. T. + S. 116° 30' 68

E. T. 30° 00' 116

E. T. + S. 168° 00' 67

E. T. 357° 30' 77

E. T. + S. 206° 30' 107

E. T. + S. 226° 00' 103

E. T. 331° 30' 126

E. T. + S. 255° 00' 105

E. T. 324° 00' 220

566E

E.T = Edge Woods
E.T. & S = Edge Woods & Swamp.

10-20-41

30

Sta.	Azimuth	Dist.	Pod
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E.T. + S	274° 00'	135	
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E.T.	295° 00'	260	
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E.T. + S.	286° 00'	258	
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E.T. + S.	293° 30'	335	
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At Sta. 266	0° 00' = North		
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End of ditch	225° 30'	90	
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E.T.	268° 00'	113	
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E.T.	315° 00'	113	
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E.T.	324° 00'	142	
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E.S.	359° 00'	114	
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E.T.	325° 00'	245	
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E.S.	346° 30'	225	
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E.T.	327° 00'	348	
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E.S.	344° 30'	355	
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E.T.	330° 00'	390	
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E.T.	335° 00'	410	
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E.T. + S	342° 00'	495	
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E.T.	82° 30'	72	
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E.T.	90° 00'	140	
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E.T. + S	193° 00'	248	
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Trail	184° 00'	248	
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E.T.	120° 00'	210	
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Sta	Azimuth	Dist	Red
E.T. + S	170° 30'	255	
E.T.	144° 00'	228	
E.T.	148° 00'	244	
E.T. + S.	156° 30'	302	
E.T. + S	152° 00'	380	
E.T.	142° 30'	327	
to ditch	147° 00'	237	
E.T.	149° 30'	430	

At sta 286	0° 00' = North	
To Δ #1	328° 28'	183

At Δ #1		
To sta 286	148° 28'	183
Δ #2	342° 11'	147
Edge woods.	71° -	73
" "	5° 30'	28
Edge low land	290° 00'	102
" " "	252° 30'	143
" " "	233° 00'	208
" " "	223° 00'	292
" " "	214° 00'	400

ditch continues in woods

Sta	Azimuth	Dist	Red.
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At Δ #2

To Δ #1	162° 11'	147	
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to ditch	243° 30'	72	
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E.T. + L. land	160° 00'	30	
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" "	55° 00'	75	
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" "	34° 30'	163	
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" "	22° 30'	255	
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to ditch	279° 40'	335	
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E.T. + L. land	9° 15'	353	
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" "	9° 00'	435	
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" "	5° 30'	525	
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" "	1° 30'	618	
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To Δ #3	356° 55'	602	
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At 322 + 46.47 0° 00' = North

Δ #1	62° 21'	81	
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At Δ #1

to 322 + 46.47	242° 21'	81	
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Edge Lake	136° 20'	700	
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" "	126° 30'	470	
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" "	96° 00'	260	
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" "	59° 00'	230	
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" "	26° 30'	322	
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End of ditch 15' out.

Sta	Azimuth	Dist.	End
At 308475	0°00' = North		
E.S.	41°30'	107	
E.S.	68°30'	94	
E.T.+S.	137°15'	518	
E.T.+S.	146°15'	400	
E.T.+S.	157°00'	375	
E.T.+S.	176°30'	308	
E.T.+S.	204°30'	248	
E.S.	217°00'	35	
E.S.	210°00'	83	
E.T.+S.	209°00'	160	
E.T.+S.	222°00'	170	
E.T.+S.	227°00'	262	
E.T.+S.	227°30'	352	
E.T.+S.	230°00'	440	
E.T.+S.	233°00'	527	
E.T.+S.	234°30'	606	
E.T.+S.	236°00'	675	
E.T.+S.	239°00'	740	
E.S.	231°00'	114	
E.S.	219°00'	63	
E.S.	307°00'	115	
E.W.	72°00'	580	
E.W.	61°30'	550	
E.W.	48°00'	550	

E.T.S = Edge Trees + Swamp

E.S. = Edge Swamp or Lowland

Baldwin Lake

Sta.	Azimuth	Dist	Red
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334 At Sta 234	0°00' = North		
Δ #1	72°29'	60'	

At Δ #1 334 To Sta 234	252°29'	60'	
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W.E.	140°15'	575'	
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"	143°30'	539'	
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"	147° —	480'	
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"	213°30'	192'	
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"	150°45'	430'	
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"	222°45'	199'	
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"	154°30'	407'	
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"	243° —	178'	
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"	158°15'	377'	
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"	163°15'	334'	
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"	256°15'	248'	
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"	170°30'	282'	
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"	255°30'	303'	
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"	181° —	240'	
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"	232°30'	328'	
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"	222°10'	445'	
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"	216°10'	540'	
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"	213°30'	730'	
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"	180° —	173'	
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"	166°30'	217'	
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W.E = Waters Edge.

Sta	Azimuth	Dist.	Red
N.E.	154° 15'	320	.
"	147° 30'	375	.
"	139° —	450	.
"	227° —	145	.
"	132° 30'	505	.
"	248° 40'	145	.
"	122° 30'	495	.
"	271° 30'	175	.
"	109° 45'	473	.
"	281° —	236	.
"	99° 30'	500	.
"	283° —	355	.
"	90° 40'	525	.
"	81° 30'	640	.
"	282° —	500	.
"	75° 30'	680	.
"	70° —	710	.
"	280° —	625	.
"	281° 30'	726	.
Edge low land.	16° 30'	710	.
"	14° 40'	620	.
"	307° —	530	.
"	12° 15'	507	.
"	11° 40'	408	.

Sta	Azimuth	Dist	Red
Edge Lowland	12°15'	276	
" "	17°15'	177	
" "	64°30'	72	
" "	167°00'	44	
" "	202'	113	
" "	327°30'	456	
" "	331°20'	360	
" "	334°15'	230	
" "	342°30'	190	= 4 Sta. 336.00 ✓
" "			
" "			

Sta.	Azimuth	Dist.	Red
At 279400	0°00' = North		
Edge Low Land	0° 10'	255	
" "	341° —	217	
" "	319° —	225	
" "	302° —	270	
" "	292° 30'	320	
Edge pot Hole	223° 30'	158	
" " "	255° —	119	
" " "	281° 30'	139	
" " "	278° 30'	220	
" " "	265° 30'	220	
" " "	242° —	197	

xsections

Sta	+	-	Elev
B.M.	6.78	881.06	878.28
B.M.	6.68	905.80	899.12
237 +37.9		6.68	99.1 79.4
+82			80.8 00.5
I.P.	6.78	907.31 881.57	910.52 880.78
+93			79.4 99.1
238 +20			81.1 00.8
+25			85.1 04.8
+67			85.1 04.8
239			83.2 02.9
+36			80.6 00.3

Lt.

Rt.

Rt.

~~Spt. in 24" Pop Rt sta 237110~~

Spt. in 16" Pop Rt sta 237120 (recent BM)

67 52 36 76 85 86 82 67 65 79 88 91
100 66 37 31 26 23 21 10 32 66 100

44 35 25 76 76 57 53 69 70 65 60 58 67 77
100 74 51 41 37 14 3 10 13 19 38 69 100

54 43 38 86 88 68 65 82 82 66 72 81 95 99
100 77 60 49 43 18 5 6 14 43 72 88 100

45 40 82 85 77 66 62 77 77 65 26 33 61 100 115
100 85 74 66 61 37 19 15 7 4 24 51 89 100

43 41 76 85 85 77 65 62 77 74 59 25 30 53 88 105 122
100 92 82 76 68 64 42 24 19 8 2 12 42 75 93 100

71 68 65 80 81 66 42 34 28 25 32 50 79 107 132
100 88 72 64 53 49 40 13 10 2 25 50 76 100

90 90 65 52 44 44 42 48 73 104 146
100 91 79 47 26 4 5 27 56 100

86 76 72 74 70 70 70 77 94 123 144 147
100 64 38 15 6 7 10 29 48 73 100

Sta	+	T	-	Elev
		907.31 887.57		
239	+64			78.6 98.3
240				74.3 94.0
I.P.	4.98	900.04 880.30	12.25	895.06 875.32
	+28			73.3 93.0
	+65			72.8 92.5
241				72.1 92.3
	+50			72.3 92.0
	+80			72.2 91.9
242				73.1 92.8

Lt

L

Rt

10.3 10.5 9.2 8.6 9.0 8.8 9.6 11.1 13.2 14.2 15.0
100 84 50 26 3 8 30 53 70 100

12.3 11.5 11.2 12.1 13.5 13.3 14.0 14.3 14.6 14.9 13.8 12.4
100 68 42 19 4 26 50 60 66 69 100

5.5 4.8 5.2 6.2 7.0 7.1 7.2 7.4 7.6 6.9 5.5 5.5
100 67 40 16 17 27 31 50 55 85 100

6.0 4.9 5.4 6.4 7.5 7.8 8.2 7.6 6.0 4.7 3.7
100 80 44 19 13 27 40 50 75 100

6.6 5.1 4.9 6.3 7.1 7.7 8.2 7.6 6.5 4.9 3.7 3.4
100 79 62 33 11 9 18 42 71 90 100

6.2 6.0 6.7 7.3 7.7 8.2 8.0 8.0 7.4 6.7 5.5 4.8 6.0
100 89 65 48 33 15 25 30 45 63 84 100

6.4 7.1 7.6 8.0 8.4 8.1 7.9 7.2 6.3 5.3 7.8
100 74 51 44 22 5 21 37 60 100

7.1 7.4 7.8 8.3 8.0 7.2 6.8 6.1 5.3 5.6 7.1
100 73 63 28 8 14 28 48 72 100

Sta	+	π 900.04 888.90	-	Elev.
242	+50			73.6 92.7
243				71.8 91.5
	+50			72.3 92.0
244				71.9 91.6
	+50			71.9 91.6
245				91.9 91.6
	+50			72.5 92.3
246				71.4 91.1

Lt.

E

Rt.

8.6 8.6 8.5 8.1 7.7 7.3 6.8 6.1 6.4 7.5 7.4
100 79 46 25 9 17 38 60 76 100

8.4 8.2 8.7 8.5 8.5 8.2 8.0 8.0 7.0 6.3
100 74 48 10 14 36 64 92 100

8.1 8.0 8.1 8.4 8.5 8.0 8.5 8.5 7.5 6.5
100 80 61 41 16 25 50 75 100

8.3 8.4 8.1 8.4 8.4 8.1 8.6 8.1 7.2 7.4
100 75 50 25 25 50 75 83 100

8.4 8.4 8.3 8.5 8.4 8.6 8.6 8.6 8.2
100 75 50 25 28 50 75 100

8.3 8.3 7.7 8.2 8.4 8.4 8.8
100 88 67 35 50 100

8.1 8.3 7.7 7.6 8.5
100 50 50 100

9.3 9.4 8.9 8.7 8.7
100 50 50 100

Sta	+	π	-	Elev.
		900.04 880.90		
246	+21.29	P.C.		70.7 90.4
	155			
	+60			70.5 90.2
247				70.7 90.4
		900.19		891.21
T.P.	8.98	880.15	8.83	871.47
	+50			70.5 90.2
248				71.1 90.8
	+50			71.6 91.3
249				71.6 91.3
	+50			71.4 91.1

Lt.

E

Rt.

9.8	9.9	9.6	9.6	9.5
100	50		50	100

9.4	9.5	9.8	9.6	10.2
100	50		50	100

9.4	9.4	9.6	9.6	9.7
100	50		50	100

Water Surface

9.1	9.1	10.0	9.5	9.6
100	50		50	100

9.3	9.0	9.4	9.4	9.4
100	50		50	100

9.4	9.9	8.9	8.6	8.6
100	50		50	100

10.0	9.6	8.9	8.4	7.6	7.4
100	50		50	80	100

9.6	9.6	9.1	8.0	7.6	6.5
100	50		50	70	100

Sta	+	π	-	Elev
		900.19 899.45		
250				71.6 91.3
+50				72.0 91.7
251				73.2 92.9
T.P.	12.12	905.29 895.55	7.02	893.17 873.93
+24				74.4 94.1
+34				76.7 96.4
+71				80.9 00.6
	3.83	905.22 885.48	3.83	901.46 881.72 (881.65)
252				81.1 00.8
+22				80.5 00.2
T.P.	9.49	908.89 889.75	5.82	899.40 879.66

LT

2

RT

8.7	8.8	8.9	8.2	7.1	5.8
100	50		40	75	100

8.5	8.3	8.5	7.5	6.6	4.8
100	50		50	80	100

7.0	7.6	7.2	7.3	6.7	6.7	4.3	2.9	1.3
100	65	40		22	39	66	90	100

11.3	11.7	11.8	11.2	8.8	6.6	5.5	5.4
100	52	24		29	53	75	100

8.8	9.0	10.4	11.1	8.9	7.6	5.5	5.0	4.9
100	66	42	15		24	60	75	100

5.1	4.9	5.6	5.4	4.7	3.9	3.5	3.2	4.0
100	80	50	24		26	44	71	100

Spk. in 36" O. G. Lt sta 251+75

4.5	5.0	5.6	5.2	4.4	3.0	2.4	3.6
100	85	52	25		29	56	100

7.8	7.8	6.4	5.0	3.7	2.7	2.6	3.7
100	49	26		29	58	85	100

Sta	+	π 908.89 889.15	-	Elev.
252	+50			78.2 97.9
	+75			76.5 96.2
253				77.7 97.4
	+41			80.7 900.4
	+69			81.7 01.4
254				82.8 02.5
	+50			83.9 03.6
255				85.1 04.8

LH

R

RH

146 127 123 110 92 76 75 77
 100 72 36 27 59 80 100

9.5 116 12.5 12.7 98 83 89
 100 72 34 40 64 100

6.6 88 96 10.5 11.5 11.9 11.2 10.6 10.3
 100 76 51 27 20 51 81 100

4.3 51 6.2 7.2 8.5 10.4 11.8 12.5 12.3
 100 77 54 32 32 56 89 100

3.0 3.9 5.0 6.6 7.5 9.0 10.2 11.4 11.5
 100 75 51 22 25 48 79 100

2.5 4.4 5.4 6.4 7.7 9.0 9.5
 100 55 26 25 58 100

3.0 3.8 4.3 4.6 5.3 6.5 6.9 6.9
 100 79 51 27 37 65 100

2.6 2.9 3.4 3.7 4.1 4.5 4.9 5.3
 100 75 51 25 26 58 100

86.2	059
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$$\underline{85.9} \quad 05.6$$

256					85.3	05.0
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200	t28			85.5	05.2
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T.P	1.56	889.05	1.66	887.49
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170			873	07.0
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257					87	06.9
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150				84.5	04.2
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258				07.1	03.8
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B.M.	3.01	088.44	3.62	085.43
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Lt

E

Rt

3.5 29 27 2.8 30 34 37 44 4.7
100 69 45 23 24 45 69 100

4.2 41 3.6 33 33 34 3.6 40 4.0
100 71 47 24 26 51 78 100

3.9 44 4.7 4.6 39 4.2 38 38 3.4
100 80 56 24 24 49 74 100

3.4 36 39 3.9 3.7 2.9 2.7 2.6 2.6
100 82 47 22 32 50 80 100

1.9 1.5 2.0 1.8 1.8 1.5 1.6 1.8 2.1
100 75 52 25 27 50 73 100

1.0 1.2 1.7 1.8 1.9 1.9 2.1 2.4 2.7
100 75 50 25 20 42 62 100

3.0 3.6 4.4 4.8 4.6 4.5 4.5 4.7 4.9 4.5
100 80 54 24 24 40 62 80 100

3.8 3.8 4.2 4.8 5.0 5.0 5.2 5.8 5.8
100 75 50 22 22 43 75 100

Top Nail + Disc Top stump 2.58 + 21.10

Sta	+	π	-	Elev
		908.17 888.44		
258	+50			83.9 03.7
259				83.7 03.5
	+50			83.5 03.3
260				83.2 03.0
	+50			82.7 02.5
B.M.	1.37	905.29 885.55	4.26	903.92 884.18
261				81.7 01.4
	+33			81.1 99.8
	+74			76.8 96.5
I.P.	1.31	899.91 880.17	6.69	898.60 878.86

Cold & Windy +44°

9-25-41

47

A.R.

L.C.

G.F.

M.B.

Lt

R

Rt.

29 3.2 34 41 45 49 49 53 51
100 73 52 28 30 47 71 100

34 34 37 44 47 48 50 47 48
100 88 56 22 31 52 76 100

61 51 46 46 49 53 50 54 53
100 76 53 27 25 54 75 100

90 7.5 62 52 48 51 53 53
100 60 30 26 53 79 100

15.2 11.4 83 57 43 34 34 34
100 60 30 25 50 75 100

Top Nail & Disc, Top Stamp & 260 + 62.25

138 118 95 63 39 1.1 0.6 +0.4 0.1
100 75 50 25 19 40 70 100

177 12.2 11.1 9.8 86 55 1.9 0.1 +1.4 +2.2 +2.0
100 55 39 32 23 25 42 62 81 100

176 175 144 114 101 95 88 40 2.0 +1.2 +2.5
100 75 50 22 9 8 30 50 75 100

Sta + π - Elev899.91
~~880.17~~

262

~~75.0~~ 94.7

150

~~71.4~~ 91.1

263

T.P.

1.61

894.20
~~874.46~~

7.32

~~68.1~~ 87.8
892.59
~~872.85~~

150

~~68.0~~ 87.7

264

~~67.0~~ 86.7

150

T.P.

4.81

892.82
~~874.08~~

6.19

~~66.4~~ 86.1
880.01
~~868.27~~

193 Ditch Profile Only

~~66.0~~ 85.7

265

~~66.4~~ 86.1

Lt

R

Rt

N. 123 119 106 77 52 38 2.6 4.1 45.5 47.2
50 57 45 22 11 16 47 78 100

127 120 122 105 88 5.8 4.0 1.0 43.7
100 62 35 21 25 44 75 100

134 128 122 121 9.8 6.2 60 45 2.0
100 62 32 27 60 72 78 100

8.2 7.6 70 6.5 6.2 6.4 35
100 60 30 30 65 100

8.4 8.4 8.1 7.5 6.8 6.6 6.6
100 57 30 30 60 100

8.6 8.2 8.0 8.1 7.9 7.6 7.4
N. 50 50 32 30 60 100

7.6 7.2 7.1 6.9 6.6 6.5 6.3
100 50 50 100 150 200

7.3 7.0 6.9 6.8 6.7 6.6 6.3 6.1 6.0
100 85 55 35 25 58 87 100

Sta	+	π	-	Elev.	
		892.82			
		873.08			
265	+50			66.6	86.3
266				67.5	87.2
	+50			69.8	87.5
	+75			69.2	88.9
T.P.	12.51	900.52	4.81	888.01	
		880.78		868.27	
267				71.2	90.9
	+33			73.2	92.9
	+66			74.2	93.9
268				74.2	93.9

Lt

R

Rt

7.9 69 69 65 6.1 5.8 6.0 5.8
100 57 30 40 63 84 100

6.9 6.6 6.2 5.6 5.7 5.4 5.5
100 61 36 27 58 100

6.0 5.6 5.3 5.3 5.2 5.1 5.3
100 74 38 33 67 100

5.9 5.7 5.3 4.7 3.9 3.2 3.3 4.0 4.8 6.1
100 68 35 19 11 31 63 70 100

13.2 12.9 11.6 11.1 9.6 9.7 10.4 11.2 12.6 12.6
100 57 42 24 25 40 60 65 100

13.1 12.9 11.0 9.1 8.9 7.6 7.2 7.6 8.1 11.7 13.1 13.2
100 94 80 48 31 28 12 27 51 61 100

11.3 8.7 6.6 6.1 6.8 5.9 5.5 6.6 7.6 11.2 13.0 13.1
100 82 57 41 31 29 16 12 37 63 100

6.7 5.6 3.5 3.4 4.2 3.8 6.6 9.1 11.7 13.2 13.2
100 86 58 38 35 27 21 43 60 100

Sta.	+	Σ	-	Elev.	
		900.52 889.73.			
268 +31				74.7	94.4
+66				75.7	95.4
T.P.	9.32	905.36 885.62.	4.48	896.04 876.30.	
269				76.2	96.0
+35.11				76.2	96.0
+67				77.0	96.8
270				77.6	97.4
+50				78.6	98.4
271				79.8	99.6

Lt.

4

Rt.

5.1 2.7 24 43 61 9.7 12.1 13.4 13.4
100 61 33 19 29 48 61 100

5.1 2.5 2.8 4.4 5.1 8.2 9.8 10.5 10.6
100 60 20 8 37 56 83 100

10.8 9.9 9.0 8.7 9.4 9.1 10.0 10.7 11.0 11.3
100 80 55 26 12 19 36 55 100

11.7 10.6 10.1 9.7 9.4 9.0 7.8 7.6 7.5
100 79 48 19 24 54 87 100

15.3 13.3 11.6 10.0 8.6 7.7 7.0 5.7
100 84 59 30 33 60 100

16.3 14.6 12.6 10.8 8.8 8.0 6.1 5.0 4.2
100 84 65 40 16 39 65 100

14.2 13.2 10.8 8.6 7.0 5.4 3.7 3.1
100 76 50 24 29 56 100

13.5 11.5 9.2 7.4 5.8 3.9 3.2 2.9 3.0
100 50 74 48 24 30 54 77 100

Sta	+	π	-	Elev
		905.36		
		885.62		
271	+50			80.7 90.5
	+75			80.5 90.3
	+88			73.7 93.5
272				74.7 94.5
	+14			75.0 94.8
	+14 For Profile Rd. only			75.0 94.8
	+38			74.4 94.2
	+47			78.0 97.8

Lt

R

Rt

12.8 12.6 13.3 13.3 12.9 7.2 6.0 4.2 4.9 3.9 3.4 3.4 3.2
 100 72 65 60 57 40 23 26 51 79 100

Rd

11.9 11.8 12.4 12.3 5.1 4.5 4.3 4.0 3.6
 56 33 25 18 26 48 72 100

Rd

11.6 11.3 11.9 5.4 4.8 4.4 3.8
 42 15 22 47 70 100

12.0 11.2 10.9 11.2 5.5 4.7 4.1
 50 24 22 40 66 100

9.8 8.3 7.2 11.1 12.1 11.5 10.9 10.6 10.2 10.5 9.9 5.4 4.6 4.1
 100 78 58 48 35 29 14 28 35 49 63 81 100

14.6 13.4 12.5 11.6 10.6 9.4 8.4 7.3 6.2
 200 150 100 50 50 100 150 200

9.0 7.8 7.2 7.0 11.2 11.1 10.5 9.6 9.3
 100 76 41 16 9 11 37 65

Rd

8.8 7.8 7.5 7.2 7.6 10.7 10.9 10.2 9.2
 100 76 51 25 11 19 23 51

Sta.	+	Σ 905.36 885.62	-	Elev
272	+75			77.3 97.14
273				78.5 98.3
	+18			79.4 99.2
	+35			79.7 99.5
B.M.	3.33	905.46 885.72	3.24	902.12 882.38 (882.39)
	+58			81.4 01.2
274				81.5 01.3
	+30			81.3 01.1
+74.28	P.T.			81.2 01.0

Lt.

E

Pt.

L Rd

7.8 7.7 7.7 8.0 8.3 8.0 7.5 9.7 9.5 8.8 8.1
 100 67 42 20 25 48 56 67 71 97

7.3 7.5 7.5 7.4 7.2 7.1 7.1 7.0 6.0 8.2 8.9
 100 82 57 37 16 24 47 80 87 100

6.8 7.2 6.7 6.6 6.2 6.4 6.1 6.0 5.1
 50 70 50 24 23 48 75 100

6.6 6.9 6.1 6.0 5.9 5.4 5.4 5.2 5.0
 100 77 54 27 22 49 77 100

Spt. 30" O. 100' Rt Sta. 273+36

5.4 4.8 4.6 4.4 4.3 4.3 4.9 4.8 4.9 4.3
 100 75 50 24 14 33 54 74 100

4.1 3.8 4.0 4.0 4.2 4.3 4.6 3.6 4.4
 100 79 50 25 26 52 78 100

3.7 3.3 3.4 3.7 4.1 4.4 4.7 3.7 3.9 4.3 4.7
 100 76 50 25 21 43 57 73 100

3.7 4.0 4.3 4.3 4.5 4.2 3.2 4.6 4.9 5.2
 100 75 50 23 10 30 50 75 100

Sta	+	π	-	Elev
		905.46 885.78		
275				82.2 02.2
+12				82.7 02.5
+36				81.7 01.5
+73				81.1 00.9
I.P.	2.69	902.03 882.29	6.12	899.34 879.60
276				79.8 99.5
+39				77.4 97.1
+77				75.0 94.7
277				73.3 93.0

Lt.

Z

Rt.

35	43	45	45	35	30	40	46	54	5.5
100	70	43	14		12	24	49	74	100

35	40	45	45	30	39	44	52	56	5.5
100	76	52	22	15	40	69	88	100	

3.7	3.8	40	40	3.0	4.0
100	76	55	37	18	

3.9	4.9	5.3	5.8
24	50	77	100

5.0	4.8	4.6	2.9	3.9
100	79	63	50	28

4.6	5.4	5.6	5.4	6.1
25	51	76	100	

4.2	3.5	1.5	1.7	1.8	2.5	2.7	3.2	3.3	2.8
100	88	72	52	27		27	46	73	100

5.6	4.8	5.4	5.6	5.4	4.9	4.4	4.0	3.8	3.8
100	90	83	52	25	25	54	79	100	

10.4	100	8.8	7.7	7.3	6.6	5.7	5.0	4.2
100	73	41	15		17	43	68	100

12.6	120	12.8	11.4	9.8	9.0	7.5	6.5	5.6	4.7
100	77	56	31	16		19	46	73	100

Sta	+	π	-	Elev
		902.03		
		888.29		

277 +28

~~70.6~~ 90.3

+54

~~68.9~~ 88.6

278

~~70.9~~ 90.6

+50

~~72.6~~ 92.3

279

~~73.1~~ 92.8

+50

~~73.3~~ 93.0

T.P. 9.68

902.63

~~888.29~~

9.08

892.95

~~879.21~~

280

~~73.1~~ 92.8

+50

~~72.9~~ 92.6

Lt.

L

Rt.

15.1 15.4 14.8 13.4 11.7 9.7 8.7 6.6 6.4 5.2
 100 75 34 17 18 28 56 77 100

15.8 16.4 15.3 14.6 13.4 9.3 7.3 6.3 6.1
 100 68 36 14 32 59 85 100

16.2 15.4 14.4 12.7 11.4
 100 74 45 22

9.0 7.7 7.2
 35 68 100

15.5 14.7 11.7 11.0 9.7 9.0 8.8 9.5 9.0
 100 77 48 24 28 54 87 100

13.8 14.5 13.7 ~~11.1~~ 11.0 9.2 7.7 7.2 6.9 6.3
 100 82 66 ~~37~~ 37 29 51 75 100

13.6 13.9 13.2 11.4 11.3 9.0 7.3 5.9 5.1 4.4
 100 87 62 41 28 30 55 80 100

15.0 15.5 14.2 11.6 11.9 9.8 9.0 6.7 5.6 3.6
 100 66 52 34 28 24 52 75 100

15.3 16.2 12.6 11.3
 100 67 28 17

10.0 7.8 6.6 5.4 3.4
 29 52 72 100

Sta	+	π	-	Elev
		902.63		
		882.29		
281			73.1	92.8
+50			73.3	93.0
282			73.9	93.6
+50			73.9	93.6
283			74.5	94.2
+50			75.8	95.5
284			76.3	96.0
+50			75.2	94.9

Lt.

E

Rt.

16.6 87 16.0 16.5 15.7 11.7 9.8
100 100 85 63 50 25

7.8 61 43 27
26 47 69 100

17.5 17.0 15.6 11.2 10.7 9.6 7.6 5.5 3.0 1.8
100 70 60 27 13 24 52 78 100

17.5 16.1 12.2 11.8 10.9 10.0 9.0 7.6 5.6 3.4 1.8 0.8
100 74 45 37 32 19 23 52 74 90 100

16.3 16.2 12.4 11.4 10.0 9.0
100 82 58 42 20

7.0 5.0 3.0 1.8
27 49 75 100

16.6 16.0 12.8 11.2 9.1 8.4 6.3 5.0 3.7 1.9
100 90 67 44 12 26 53 74 100

14.2 12.1 10.8 9.1 7.1
100 81 57 29

6.9 5.9 4.4 3.0
13 33 66 100

10.3 8.9 7.6 7.5
100 71 46 25

6.6 5.9 4.9 4.1 3.6
25 47 77 100

8.0 7.7 7.2 7.1 7.1 6.7 5.5 5.5 5.0 5.0
100 71 48 25 17 26 50 70 100

Sta	+	π	-	Elev.
		902.63 882.59		
285				76.4 96.3
I.P.	1.69	898.49 878.75	5.83	896.80 877.06
+33				76.8 96.5
+67				73.8 93.5
286				72.4 92.3
+50				69.6 89.3
+70				67.7 87.4
I.P.	5.97	892.13 876.39	12.33	886.16 866.42
287				66.1 85.8
+26				67.9 84.6

Lt

Z

Pt

7.6	7.5	7.1	7.1	6.4	6.3	6.1	5.9	6.5	6.7
100	71	46	27	12		25	51	79	100

2.9	2.5	2.9	2.3	1.8	1.9	2.0	3.3	3.1	4.0	5.2
100	79	69	48	40	18		26	41	68	100

3.4	3.4	3.1	3.5
100	80	56	24

5.0	5.3	5.6	5.2	6.1	6.7	7.0
	11	32	45	55	78	100

4.0	4.1	4.9	5.8	6.4	6.2	6.8	7.1	7.7	8.8
100	85	67	39	17		22	48	71	100

7.9	8.2	8.8	9.1	0
100	74	49	23	

9.2	9.6	9.2	10.8	11.2	11.4
	25	44	65	82	100

8.5	9.8	10.0	10.2	11.2	11.3	11.1	11.0	12.2	12.5	12.5	12.8
100	78	52	36	26	11		23	46	69	87	100

4.4	5.3	7.7	7.8	7.1	6.3	6.3	7.2	7.8	6.4	8.1	8.3	7.5
100	76	56	34	12	6		9	25	48	66	82	100

7.8	7.4	7.8	7.0	7.5	7.7	6.1	7.9	7.5
100	75	50	25		25	50	75	100

Sta.	+	Σ	-	Elev.
		892.13 872.39		
287 + 33				61.3 81.0
+37				61.3 81.0
+44				66.1 85.8
T.P.	9.56	896.42 876.68	5.27	886.86 867.12
+70				67.1 86.8
288				69.0 88.7
+25				70.5 90.2
+50				71.7 91.4
B.M.	5.15	897.81 878.07	3.76	892.66 872.92
289				72.2 92.3

Lt

K

Rt

Δ in Qites 150'

gt Fe. Conc

11.1	11.2	10.9	11.1	11.1	11.1	11.0
140	100	50	50	100	150	

11.1	11.2	10.9	11.1	11.1	11.1	11.0
140	100	50	50	100	150	

7.4	7.4	5.8	6.3	6.1	7.8	7.8	7.2
100	50	25	25	50	75	100	

11.5	11.4	11.2	10.1	9.6	9.4	9.4	8.1	8.9
100	75	50	25	15	42	69	100	

10.1	10.7	10.7	8.8	7.7	6.7	6.2	6.9	5.9	6.1
100	63	45	19	28	33	50	69	83	100

9.6	9.7	9.3	8.5	7.7	6.2	5.0	4.6	3.6	3.8	4.0	4.4
50	75	50	34	17	19	35	43	61	80	100	

7.6	8.9	8.3	7.0	5.0	3.4	3.4	2.1	2.3	2.2
100	66	50	21	28	43	66	89	100	

Spk in 4" 0.1' Lt sta. 288+50

4.6	8.2	8.2	7.9	5.5	4.3	3.5	2.6	2.2	3.0	3.1
100	61	41	26	18	34	53	76	86	100	

Sta	+	π	-	Elev
		897.81 878.07		
289	+50			74.5 94.2
290				77.0 96.7
I.P.	9.02	906.35 886.61	0.40	897.33 877.59
	+50			79.2 99.0
291				80.4 00.2
	+50			81.4 01.2
292				83.0 02.8
	+50			83.1 02.9
293				83.1 02.9
B.M.	572	908.95 889.21	3.12	903.23 883.49

Lt

2

Rt.

3.0 3.8 4.7 4.7 3.6 2.1 1.2 0.9 1.5
100 76 45 22 28 47 78 100

0.3 1.0 1.1 1.2 1.1 0.9 0.4 0.6 1.0
100 72 50 25 25 52 68 100

7.2 7.1 7.4 7.1 7.4 7.2 7.3 7.7 8.1
100 75 47 25 27 55 83 100

5.2 5.0 5.4 5.6 6.2 6.5 6.7 6.7 7.0
100 75 50 30 27 50 76 100

3.9 3.4 3.8 4.6 5.2 5.5 5.7 6.2 6.4
100 75 50 25 27 46 81 100

4.4 3.5 4.1 4.2 3.6 3.5 3.4 3.4 3.6
100 76 55 26 29 57 80 100

5.9 5.6 5.4 4.9 3.5 2.2 1.8 1.8 2.2
100 64 47 27 25 45 75 100

9.9 8.4 7.3 5.2 3.5 1.8 1.0 0.2 0.3
100 75 50 22 28 50 75 100

Spike is 12" O. & sta. 293109

Sta	+	908.95 889.21	-	Elev	
293	+50			82.6	02.4
294				83.6	03.4
	+50			84.5	04.3
295				84.4	04.2
	+50			84.4	04.2
T.P.	2.41	906.81 887.07	4.55	904.40 884.66	
296				83.1	02.8
	+50			82.2	01.9
297				81.1	00.8

Lt.

Z

Rt.

13.5	12.3	10.3	9.5	8.1	6.6	4.1	5.4	4.5	3.6
100	80	58	47	29	24	50	76	100	

12.9	11.8	9.4	6.8	5.6	5.8	6.3	6.4	4.8
100	85	60	27	25	50	75	100	

12.9	10.2	7.9	5.8	4.7	4.8	5.6	6.3	5.6
100	75	50	25	25	50	75	100	

12.9	10.2	7.9	5.9	4.8	4.7	5.7	6.5	6.7
100	75	50	25	25	50	75	100	

12.5	10.2	7.6	5.9	4.8	5.8	6.7	7.2	7.6
100	77	49	23	25	50	80	100	

Nail in stump 295100:2

9.5	7.5	5.2	4.2	4.0	4.4	4.9	5.6	6.3
100	75	47	25	25	52	75	100	

8.2	7.0	5.5	4.9	4.9	5.8	6.8	8.1	8.4
100	75	50	22	27	50	75	100	

6.7	6.0	5.2	5.3	6.0	7.2	9.3	10.4	8.8
100	77	57	25	21	48	75	100	

Sta	+	π	-	Elev	
		906.81 897.07			
297	+50			81.8	01.5
I.P.	8.75	910.33 890.59	5.23	901.58 881.84	
298				84.7	04.4
	+42.74			86.4	06.1
I.P.	6.21	912.53 892.79	4.01	906.32 886.58	
	+72			87.3	07.0
299				87.7	07.4
	+50			88.1	07.8
300				87.9	07.6
	+39			87.7	07.4
B.M.	0.06	908.03 888.27	4.56	907.97 888.23	

Lt.

4

Rt.

packet

4.0	3.4	3.0	3.6	5.3	6.9	9.6	10.3	7.0
100	78	50	25		25	50	66	100

5.3	4.7	4.0	4.7	5.9	7.8	9.1	9.8	10.3	9.1
100	76	50	25		27	50	75	88	100

4.7	3.4	2.7	3.1	4.2	5.4	6.6	7.6	7.4
100	77	50	27		24	50	85	100

Top P.T. Hub.

6.2	5.6	4.8	4.8	5.5	6.5	7.3	7.9	8.3
100	80	52	28		25	50	75	100

7.0	5.4	4.7	4.7	5.1	5.7	6.4	7.1	7.2
100	70	47	26		25	50	83	100

7.1	5.6	4.7	4.4	4.7	5.2	5.9	6.8	8.8
100	70	37	18		12	34	71	100

6.1	5.4	4.6	4.4	4.9	5.9	7.1	9.1	12.9
100	76	52	25		26	45	69	100

5.4	5.1	4.6	4.3	4.5	5.1	7.2	11.1	14.2	16.4
100	75	50	29	12		21	50	75	100

Top Nail & Disc 5" Stamp R. 300 + 52.37

Sta	+	T 908.03 888.29	-	Elev.
300	+70			84.9 04.6
301				81.3 01.0
	+50			75.8 95.5
	+73			74.8 94.5
I.P.	1.44	897.32 877.58	12.15	895.88 876.14
302				74.7 94.4
	+50			75.0 94.7
303				72.7 92.4
	+35			72.8 92.5

lt. 2 rt.

40.1 40.4 40.3 1.3 34 52 7.8 11.0 12.2 13.1
100 60 35 18 15 35 62 83 100

40.1 40.1 1.2 21 70 10.6 12.8 13.3
100 73 45 29 34 59 100

1.6 32 6.0 9.3 12.5 13.8 13.4 13.7 14.0
100 80 54 27 26 53 79 100

4.2 7.4 10.0 12.5 13.5 13.8 13.7 14.6
100 68 48 25 27 60 100

43.4 40.8 1.3 21 29 2.9 3.4 4.0 4.8
100 76 55 26 25 52 82 100

2.2 2.8 2.8 2.6 4.2 5.4 6.0
100 62 40 38 66 100

3.1 3.6 4.4 4.9 5.3 5.5 6.0
100 55 37 36 72 100

3.7 3.8 5.0 5.4 4.8 4.9 5.4 6.3 6.8
100 75 45 26 26 50 74 100

Sta	+	T	-	Elev
		897.32 877.58		
303 + 69				72.7 92.4
B.M.			4.10	893.22 873.48
304				71.4 91.1
150				66.8 86.5
T.P.	3.08	889.94 870.20	10.46	886.86 867.12
305				64.2 83.9
150				62.9 82.6
306				62.6 82.3
150				62.4 82.1
307				62.6 82.3

Lt.

4

Rt.

3.8 4.0 4.8 5.3 4.9 5.4 6.2 7.6 8.8
100 79 53 27 28 56 82 100

Top Nail + Disc Top 12" Stump R 303 + 94.56

4.7 4.6 5.4 6.0 6.2 7.5 8.3 10.2
100 85 46 19 32 58 100

8.2 9.5 10.2 10.6 10.8 10.8 11.6 12.2 12.5
50 85 52 27 31 53 79 100

4.6 5.7 6.0 6.0 6.2 6.2 6.6 7.1
100 53 27 23 48 76 100

6.3 6.8 7.5 7.3 7.5 7.3 7.4 7.0
100 59 30 30 53 80 100

7.0 7.5 7.5 7.6 7.7 7.5 7.4
100 62 32 31 59 100

7.3 7.5 7.8 7.8 7.8
100 50 50 100

6.2 6.5 7.1 7.6 8.1 7.8
100 50 42 50 100

Sta	+	Σ	-	Elev.
		889.94 870.20		
307	+50		62.4	82.1
308			62.4	82.1
	+50		63.3	83.0
	+75		64.7	84.4
309			65.7	85.4
T.P.	4.25	889.45 869.71	4.74	885.20 865.46
	+28		66.2	86.0
	+58		65.4	85.2
310			64.8	84.6

Lt

E

Rt

7.3 7.3 7.8 8.0 7.9
100 50 50 100

6.4 7.4 7.4 7.8 7.9 7.6
100 55 44 50 100

6.3 5.8 5.2 4.9 5.5 6.4 6.9 6.6 6.8
100 91 74 56 44 20 52 100

7.0 5.8 4.7 5.3 5.5 5.8 6.1 6.3
100 65 38 22 45 78 100

7.1 6.3 5.7 4.8 4.5 4.4 4.6 5.5 6.0
100 64 42 23 20 63 89 100

6.6 6.0 5.4 4.1 3.5 3.6 4.0 5.1 5.9
100 75 44 17 21 42 65 100

6.7 6.4 5.8 4.8 4.3 4.3 5.3 5.7 6.1
100 82 57 25 16 44 78 100

7.2 6.4 6.0 5.3 4.4 4.9 5.7 6.1 6.2
100 74 52 34 9 40 72 100

Sta	+	Σ 889.45 869.77	-	Elev
310	+50		63.9	83.7
311			63.7	83.5
	+50		63.5	83.3
312			63.5	83.3
	+50		63.5	83.3
313			64.1	83.9
	+50		64.6	84.4
314			64.0	83.8

Lt

L

Rt

7.6 7.4 6.6 5.6 5.8
100 82 52 31

6.0 6.2 6.1 5.4
18 47 74 100

7.9 6.8 6.0 6.1
100 69 54 27

6.0 6.1 6.0 4.4 5.7
29 48 73 100

7.7 6.1 5.7 6.2
100 61 28

5.7 4.9 5.9 6.4
28 48 69 100

7.6 6.6 5.9 6.2
100 73 47 25

6.2 6.2 5.1 4.8 5.5 6.2 6.8
15 30 39 50 61 100

7.6 6.7 5.6 6.1 6.2
100 73 50 23

5.0 5.1 6.1 6.6 6.8
19 29 45 67 100

7.5 6.9 6.1 6.3
100 75 48 24

5.6 5.0 5.3 6.6 6.7 7.0
9 19 57 88 100

7.6 7.3 6.3 6.3 5.8 5.1
100 86 59 23 9

4.6 4.7 5.8 6.6 6.8 7.1
4 15 25 48 74 100

7.3 6.5 5.9 6.2 6.2
100 77 56 37 17

5.7 4.8 4.9 6.2 6.7 6.9 7.0
8 21 37 64 85 100

Sta	+	Σ	-	Elev
		889.45 869.71		
314	+50		63.5	83.3
315			63.4	83.2
	+50		63.7	83.5
316			64.3	84.1
	+50		66.1	85.9
B.M.	5.45	891.97 876.23	2.93	886.52 866.78
317			66.0	85.8
	+50		66.5	86.4
318			67.4	87.2
T.P.	3.75	892.96 873.22	2.76	889.21 869.47

Lt

Z

Rt

6.4 61 54 52 59 62 6.2 5.8 5.0 5.0 6.0 6.7 6.8
100 82 65 51 42 23 6 14 24 35 62 100

6.8 5.9 5.1 5.0 6.1
100 82 67 52 29

6.3 6.2 5.7 5.2 6.3 6.8 6.8
10 20 34 50 80 100

6.4 5.2 5.0 5.1 5.7 6.0 5.9 5.0 9.2 6.1 6.6 6.8
100 70 49 36 20 17 28 39 52 75 100

6.5 5.8 4.6 3.9 4.2 4.9 5.4 5.5 5.1 5.0 6.2 6.8
100 75 44 34 24 13 22 38 46 60 100

6.7 5.9 5.3 4.6 3.9 3.2 3.6 3.6 4.4 5.4 6.0 5.2 6.0
100 76 53 35 17 12 7 14 34 57 75 100

Spk. in 36" O. 3' Lt sta. 316+43

9.5 8.2 7.6 6.6 6.2 5.9 6.6 6.7 6.2 7.7
100 53 26 14 25 40 55 82 100

8.3 7.8 6.5 5.6 5.5 6.0 6.0 7.3 8.1
100 50 29 20 36 47 70 100

9.1 8.0 7.4 6.0 5.0 4.4 4.8 5.1 6.0 6.3 6.0 6.1 7.4
100 66 58 35 18 7 23 42 55 66 81 100

Sta	+	^T 878.22 892.96	-	Elev
318	+50		681	87.9
319			683	88.1
	+50		67.5	87.3
320			67.3	87.1
	+50		66.2	86.0
321			65.7	85.5
	+50		66.0	85.8
I.P.	4.21'	891.68 877.94	549	887.47 887.73
322			66.6	86.2

LT

E

RT

94 80 6.1 5.4 5.1 5.8 6.9 8.1 8.1
100 72 37 19 24 40 65 100

9.7 8.0 6.3 4.7 4.9 5.9 6.1 6.5 7.6 8.3 7.3
100 68 42 24 16 26 40 52 76 100

9.6 8.6 6.7 5.6 5.0 5.7 5.8 7.1 7.7 8.3 7.3 6.8
100 70 39 26 4 13 29 48 65 81 100

10.3 9.2 8.2 6.6 5.9 7.1 8.3 8.3 6.3 6.8
100 70 46 23 14 44 51 72 100

10.6 9.6 8.6 7.0 7.0 7.7 6.1 5.9 6.1
100 68 40 15 25 50 73 100

11.1 10.0 8.6 7.9 7.5 6.6 6.4 5.9 6.5 7.6
100 60 27 15 25 46 58 80 100

11.5 10.2 9.3 8.0 7.2 6.6 6.3 6.1 5.9 7.5 8.3 8.5
100 57 27 13 6 30 47 54 60 82 100

10.4 9.8 8.9 7.5 5.9 5.5 4.3 5.0 6.1 7.1 7.7
100 75 51 26 10 14 33 46 71 100

Sta	+	π	-	Elev
		891.68 871.94		
322	+46.47			67.0 86.8
323				67.1 86.9
T.P.	8.90	897.00 877.26	3.58	888.10 868.36
	+50			67.8 87.5
B.M.			9.51	887.49 867.75 887.49 (867.75)
324				67.3 87.0
	+50			66.1 85.8
325				65.3 85.0
	+50			64.3 84.0
326				63.9 83.6
T.P.	4.75	889.79 870.05	11.96	885.04 865.30

Lt.

E

Rt.

99 96 82 70 49 4.8 6.2 7.1 7.9
100 80 48 21 17 39 56 100

89 82 65 49 47 4.8 4.9 6.0 7.2 7.9 8.9
100 76 45 26 12 8 26 45 72 100

12.6 11.5 10.4 8.8 8.5 8.9 9.5 10.6 12.0 11.8 12.3 13.1 13.7
100 77 52 40 18 5 11 25 32 42 63 100

Spt. 117 12° 0.8' Rt 223 + 6.4 (Old B.M.)

99 90 73 57 54 5.8 9.1 10.0 11.0 11.7 13.3 13.5 13.8
100 83 67 50 39 28 7 7 26 55 80 100

96 77 56 43 46 60 8.4 10.4 11.2 12.2 13.4 13.6 14.0
100 78 64 54 40 32 21 9 16 34 53 100

11.0 92 76 7.8 8.5 10.3 11.3 12.0 13.2 13.7 14.1
100 73 60 42 32 23 14 24 50 100

12.4 11.5 10.5 10.3 11.2 12.0 13.0 13.0 13.5 14.1 14.3
100 83 69 44 25 8 6 19 50 100

12.8 12.3 9.9 10.8 12.0 12.9 13.4 13.9 14.1 14.4
100 83 57 45 27 16 26 55 100

Sta + - Elev.

889.79
~~870.05~~

326 150

~~63.60~~ 83.4

327

~~63.3~~ 83.1

150

~~63.3~~ 83.1

328

~~63.1~~ 82.9

150

~~63.1~~ 82.9

329

~~63.1~~ 82.9

150

63.2 83.0

330

~~63.3~~ 83.1

Lt

E

Rt

6.1 55 46 35 47 52 6.0 6.4 6.8 7.1 7.5
100 81 70 57 45 34 26 28 53 100

6.1 57 41 47 6.0 6.7 6.9 7.2 7.5
100 85 66 53 34 28 56 100

6.2 53 47 58 6.4 6.7 7.1 7.3 7.5
100 79 65 50 25 26 53 100

6.0 49 46 59 6.4 6.9 7.1 7.3 7.5
100 73 63 46 24 26 52 100

6.5 58 51 48 6.0 6.5 6.9 7.0 7.2 7.6
100 90 81 65 48 25 24 50 100

6.4 48 48 56 6.5 6.9 7.2 7.4 7.5
100 79 64 48 24 27 54 100

6.0 54 49 47 5.5 6.2 6.8 7.1 7.4 7.6
100 84 64 47 37 22 26 55 100

6.0 53 46 53 6.2 6.7 7.1 7.3 7.6
100 83 64 42 19 25 51 100

Sta	+	Σ	-	Elev
		889.79 870.05		
330	+50		63.1	82.9
331			63.1	82.9
I.P.	5.94	889.78 870.04	5.95	883.84 864.10
+50			62.7	82.5
332			61.5	81.3
+18			60.5	80.4
+30			59.5	79.3
+47			59.3	79.1
+65			59.60	79.4

Lt.

E

Rt.

6.2 5.5 4.7 5.0 6.0 6.9 7.2 7.3 7.7
100 83 65 44 30 26 53 100

6.5 6.0 5.3 5.8 6.4 6.9 7.3 7.5 8.1
100 78 58 45 27 24 52 100

6.6 6.3 5.9 6.5 6.8 7.3 7.6 7.8 8.7 9.4 10.3 10.3
100 89 67 51 28 25 50 75 86 93 100

6.8 7.3 6.4 7.4 7.4 8.1 8.5 9.0 10.0 10.7 10.8 11.1 10.6 10.7
100 75 67 60 35 17 16 25 37 60 70 87 100

Creek

7.3 7.0 7.3 8.4 8.7 9.4 9.6 10.7 10.8 10.6 10.5 9.6 9.3
100 75 57 33 14 4 19 50 64 80 89 100

Creek

7.8 8.1 7.4 7.7 8.7 9.7 9.8 10.5 11.0 11.2 10.7 10.1 9.2 8.5
100 87 73 57 36 26 11 17 26 50 71 89 100

8.7 9.0 8.9 9.8 10.3 10.7 11.1 10.6 10.1 8.8 8.5 8.5
100 81 57 37 13 9 26 42 55 75 100

Creek

80.08

9.0 9.2 8.8 9.8 10.4 10.8
100 84 57 52 35 21

9.70
Elev.
Pine Creek

10.4 10.0 9.7 8.7 8.4 8.2 7.5
13 28 50 70 100

Sta	+	870.07 889.78	-	Elev
332	+78		60.7	80.5
333			62.1	81.9
	+35		62.8	82.6
	+60		62.7	82.5
334			63.1	82.9
	+50		63.2	83.0
335			63.5	83.4
	+50		64.3	84.1

Lt.

E

Rt.

66 Great

9.7 10.0 10.5 11.0 10.7 10.0 9.3 8.5 8.2 7.8 7.3 7.3
100 83 57 37 27 7 18 32 52 78 100

9.9 10.1 11.1 10.8 9.9 8.8 7.9 7.6 7.3 7.1 7.0 7.0
100 86 73 53 41 20 7 34 61 82 100

sort, cannot get out 100

10.9 9.7 8.8 7.9 7.2 7.0 6.6 6.7 6.7 7.0
79 64 41 18 4 25 50 76 100

10.9 9.8 9.1 8.1 7.9 7.0 7.3 6.7 6.2 6.9 6.6 6.7 6.8
100 75 58 38 21 6 5 28 48 59 79 100

10.3 9.1 8.5 8.2 7.8 7.1 6.9 6.6 5.9 5.9 6.2 6.5
100 85 64 44 25 10 14 36 53 75 100

8.2 7.9 7.7 7.6 7.6 7.4 6.8 6.6 5.9 5.0 4.7 5.2
100 85 65 45 27 12 12 33 56 75 100

7.4 6.9 7.1 6.8 6.5 6.4 6.0 5.9 4.9 4.8 3.9 4.7
100 63 46 28 11 11 38 46 66 83 100

6.4 6.9 6.3 6.0 5.7 5.6 5.6 4.6 4.9 3.6 3.8 4.6
100 55 36 15 19 39 47 66 76 92 100

Sta	+	π	-	Elev	
		889.78 876.04			
336				65.1	84.9
+41				66.9	86.7
B.M.	2.41	889.79 870.05	2.41	877.37 867.63	(867.64)
+71				68.8	88.5
B.M.	6.12	894.73 874.99	1.19	888.60 868.86	
337				40.2	89.9
+35				41.8	91.5
B.M.	7.13	895.73 875.99	6.13	888.60 868.86	
+65				42.5	92.3
338				42.8	92.5
+34				42.5	92.2
T.P.	2.92	895.21 875.49	3.44	892.29 872.55	

Lt.

L

Rt.

6.2 6.2 6.3 5.8 5.4 4.9 4.5 3.9 3.4 3.7 4.1 5.4
100 85 60 39 15 11 28 43 68 90 100

6.3 6.5 5.7 5.4 4.3 3.9 3.1 2.2 1.6 2.2 2.3 3.1 3.6 4.6 5.4
100 75 58 41 17 8 9 15 37 52 56 70 89 100

Nail in 24" stump 6 Rt sta 336+35 (This bench no good.) rolled

5.7 5.2 4.2 2.9 2.1 1.3 0.4 0.6 1.2 2.4 3.8 5.3
100 66 40 20 7 7 23 45 55 75 100

Spike in 15" stump 2 Lt sta 336+66 (Use this bench)

10.0 8.8 7.8 5.7 4.8 4.3 3.6 4.1 4.5 5.4 6.5 7.8 9.2 10.0
100 56 39 18 6 8 14 31 45 52 70 97 100

10.3 8.7 7.4 6.3 5.2 4.1 3.2 3.0 2.3 3.1 4.3 5.3 6.1 6.9 8.3 9.1
100 78 62 46 39 15 4 7 18 37 49 53 64 83 100

9.6 7.8 6.3 4.5 3.4 2.8 3.6 4.2 5.4 7.0 8.7 9.9
100 75 52 35 7 16 32 46 56 76 100

6.4 4.8 3.5 3.3 3.2 2.8 3.7 4.2 5.0 6.2 9.6
100 82 57 34 8 16 32 42 54 100

4.3 3.2 3.0 3.1 3.5 3.4 4.3 4.6 6.5 7.6 8.6 9.3
100 69 48 25 12 19 30 56 63 90 100

Sta	+	π	-	Elev
		895.21 875.97		
338 + 71			70.9	90.6
+97			67.6	88.3
339 + 03			66.7	86.4
+50			64.9	84.6
TP	7.63	892.69 872.95	10.15 885.06 865.32	
+91			64.6	84.3
+91			64.5	84.3
Lt. side in Lime Pit 340 + 08				64.1 83.8
+08			64.4	83.8

Lt.

E

Pt.

4.5 4.2 4.1 4.3 3.9 4.6 5.8 6.7 7.8 8.7 8.9
100 86 84 40 23 21 43 62 74 100

5.6 6.0 4.6 6.8 6.4 6.9 7.9 8.3 7.3 8.1 8.3 9.3 9.4 9.0
100 63 37 13 5 5 10 19 33 44 60 75 100

5.7 6.3 4.5 7.1 7.0 8.8 9.0 8.6 7.5 8.4 9.1 9.2 9.0
100 66 39 22 4 4 11 18 33 55 73 100

8.6 9.9 10.2 10.5 10.5 10.6 10.9 10.5 10.9 10.3 10.0 10.2 8.7 8.2
100 56 42 26 10 4 7 24 35 52 69 87 100

8.5 8.7 8.9 8.8 8.8 8.4 8.6 8.3 7.5 6.5 5.4 4.6
100 61 51 20 6 7 22 38 57 79 100

8.7 13.2 13.4 13.6 8.8 same as 9.1 + 9.1
61 59 39 20 6

8.9 13.3 13.3 13.6 8.5 8.9 8.1 7.9 7.2 6.2 5.1 4.0
63 61 38 24 11 16 28 33 62 78 100

8.6 8.9 10.0 8.5 same as 10.8
100 63 38 11

Sta	+	T	-	Elev
		892.69 872.25		
340	+55		15.0	84.7
341		900.58 880.84	67.8	87.5
T.P.	9.91	880.23	2.02	890.67 878.93
	+31		70.1	89.9
	+61		72.0	91.8
342			73.7	93.5
	+50		76.5	96.3
343		902.18 882.44	79.6	99.4
T.P.	2.15	882.43	0.55	880.29 880.26 900.03
	+35		79.9	99.7

Lt.

E

Pt.

65 89 86 86 80 66 64 51 27
100 64 42 14 14 33 58 100

57 42 62 57 52 51 38 16
100 64 47 26 18 50 50

N.

134 124 112 107 107 102 104 100 87
100 63 42 17 9 18 57 100

12.2 116 104 94 88 83 89 85 76
100 81 51 25 10 18 46 100

100 86 77 71 65 68 65 63
100 57 28 19 38 63 100

85 60 57 46 43 37 42 37 48 53
100 62 41 18 8 26 57 84 100

5.6 4.4 3.1 1.9 1.2 1.0 2.0 2.4 4.1 5.4
100 78 50 20 9 25 52 80 100

49 34 19 29 25 25 34 40 57 71
100 62 37 14 10 30 53 79 100

Sta	+	π	-	Elev.
		882.44 882.42 902.18		
343	1.65			79.6 99.4
344				79.6 99.4
127				80.1 99.9
134		904.45 884.71		82.1 01.9
T.P.	2.99	884.70	0.72	881.72 881.71 901.46
345				81.1 00.9
B.M.			2.21	882.50 882.49 (882.45) 902.24
150				79.5 99.3
346				79.2 99.0
150		903.96 884.22		78.5 98.3
T.P.	4.76	884.21	5.25	879.46 879.45 899.20

Lt

L

Rt

1.6	9.6	2.0	1.9	2.9	2.8	2.8	3.6	4.3	5.9	7.1
100	85	63	35	14			10	26	53	82 100

2.3	1.8	1.8	2.2	2.8	2.7	3.7	4.6	7.3
100	81	51	25		10	33	64	100

2.4	1.4	0.4	1.2	1.6	2.3	2.2	3.1	3.9	6.0	7.4
100	73	52	36	15			8	34	55	86 100

2.3	1.3	1.0	1.2	0.3	0.0	1.1	3.0	4.6	7.3
100	69	42	23			7	14	38	68 100

5.5	4.4	4.0	3.7	3.6	3.6	5.0	6.1	9.5
100	71	50	23		10	36	57	100

R.R. spike in 36" 0.45 Lt. 29.3 + 5.5

5.9	5.6	5.2	5.2	5.1	5.6	6.4	8.5	9.5
100	72	47			11	32	57	85 100

6.6	5.9	5.7	5.5	5.5	6.3	6.9	8.4	9.5
100	60	35			9	31	57	84 100

6.5	6.2	6.2	6.2	6.2	7.0	7.4	9.6
100	64	55			11	39	66 100

Sta.	+	874.22 884.21 903.96	-	Elev.
347				78.3 98.1
+50				78.9 98.2
348				79.1 98.9
+50				80.6 90.4
+78				81.0 00.8
349				79.4 99.2
+40				75.9 95.7
+70				73.9 93.7

Lt

E

Rt

5.5 6.1 6.0 5.9 6.0 6.7 7.0 8.9
100 63 31 12 36 65 100

4.5 4.9 5.6 5.8 5.8 6.2 6.9 6.8 8.0 9.1
100 87 47 22 13 30 50 79 100

3.8 4.4 4.4 4.3 4.7 5.1 5.2 6.2 6.8 8.4 9.4
100 83 56 40 23 10 28 57 81 100

2.6 2.8 2.3 3.0 3.6 4.0 5.2 6.6 9.0 9.9
100 72 44 19 11 29 55 88 100

2.7 2.8 2.7 3.0 3.2 3.9 5.3 7.1 9.7
100 66 43 22 13 32 61 100

3.6 3.9 4.2 4.5 4.8 4.9 5.9 7.2 9.2 10.5
100 69 42 19 10 30 56 80 100

6.9 7.3 7.5 8.0 8.3 8.2 8.8 9.0 10.1 11.6
100 73 50 22 11 35 56 79 100

9.0 9.0 9.7 10.2 10.3 10.4 10.6 10.3 10.8 12.3
100 67 44 22 11 27 48 75 100

Sta	+	π	-	Elev
		884.22 884.21 903.96		
350				91.5
B.M.			12.12	892.10 872.09 891.84
+50		892.10 872.35		69.4 89.2
T.P.	0.46	872.35	12.32	871.90 871.89 891.64
351				67.8 87.5
+35				66.3 86.0
352				66.2 85.9
353				65.5 85.2
+50				66.3 86.0
354				66.1 85.8

Lt

2

Rt

100 10.7 11.5 12.1 12.5 12.1 11.8 11.5 12.2 13.1
 100 79 52 26 13 33 57 75 100

R.R. spike in 24" O. 75' Lt sta 350+37

138 14.6 151 159 148 138 136 131 136 148
 100 76 48 14 15 31 44 64 100

4.5 5.2 5.8 5.3 4.6 4.1 4.1 4.0 3.7 4.4
 100 68 39 18 10 19 40 63 100

5.3 5.8 6.1 5.9 6.1 5.9 6.6 6.3 6.2 6.8
 100 75 45 22 7 28 51 71 100

5.2 5.6 6.2 6.2 6.2 6.5 6.1 6.2
 100 67 37 26 53 79 100

5.2 5.9 6.9 6.8 6.8
 100 50 50 100

4.9 5.6 6.1 6.8 6.2
 100 50 50 100

4.5 5.4 6.3 6.6 6.7
 100 50 50 100

Sta	+	T	-	Elev
		872.36 872.35 892.10		
355				66.4 86.1
+50				66.8 86.5
356				66.9 86.6
T.P.	890	878.97 878.96 898.71	2.29	870.07 870.06 889.81
+50				66.9 86.6
357				67.1 86.8
+50				67.1 86.8
358				67.9 87.6
+50				68.2 87.9

Lt

L

Rt

47 55 60 6.3 6.3
100 50 50 100

49 56 56 5.8 6.5
100 50 50 100

49 50 55 5.2 5.7
100 50 50 100

11.1 11.2 12.1 12.4 12.7
100 50 50 100

11.2 11.3 11.9 12.6 13.0
100 50 50 100

11.0 11.7 11.9 12.0 12.1
100 50 50 100

10.9 11.3 11.1 11.2 11.2
100 50 50 100

11.2 11.0 10.8 10.8 L.O.
100 50 50

Sta.	+	T	-	Elev
		878.97 878.96 898.71		
359				67.4 87.1
	+50			66.8 86.5
360				67.8 87.5
	+29			68.2 87.9
	+71			74.0 93.7
361				77.5 97.2
T.P.	13.11	891.03 891.02 910.77	1.06	877.92 877.91 897.66
	+50			83.8 03.6
	+75			86.8 06.6
T.P.	8.23	899.25 919.00	0.00	891.03 891.02 910.77

Lt

L

Pt

10.9 11.2 11.6 11.3 11.0
100 50 50 100

10.6 11.4 12.1 12.2 12.0 12.2
100 58 30 50 100

5.1 8.5 10.7 11.4 11.2 12.1 12.1
100 72 47 19 50 100

2.1 3.8 6.0 9.3 10.8 11.1 11.4 11.8 11.8 12.2
100 78 52 23 8 23 46 69 100

13.4 10.9 8.8 2.3 4.4 5.0 7.4 7.5 8.8 10.1 11.0 11.5
100 73 50 31 10 20 30 41 58 70 100

18.0 15.2 13.4 11.4 0.2 1.5 2.2 4.0 4.8 6.3 8.0 10.6 11.0
100 75 55 35 16 6 14 27 48 71 94 100

11.0 1.0 3.6 6.6 7.2 8.3 9.4 10.2 11.5 13.5 15.5 17.5
100 73 40 12 8 13 24 31 53 77 100

13.4 12.1 0.4 3.1 4.2 4.4 6.1 6.3 8.0 12.0 14.4 15.8
100 73 38 11 4 11 17 27 64 87 100

Sta	+	π	-	Elev
		899.23 919.00		
362				89.8 09.5
BM			6.24	893.02 893.01 893.02 912.76
+57				92.5 12.2
+62				93.7 13.4
I.P.	5.34	899.42 919.17	5.17	894.08 913.83
363				94.2 14.0
+50				95.0 14.8
364				94.9 14.7
+50				95.1 14.9
365				94.4 14.2

Lt

R

Rt.

3.8 51 66 82 95 99 111 126 152 172 193 21.7
100 64 35 15 6 10 26 44 65 86 100

Spt in 24" 0.70 Lt sta. 361+70

31 34 40 52 68 69 80 80 98 117 123 159 17.4
100 76 48 22 5 11 18 32 51 67 88 100

37 34 37 44 49 56 56 63 65 81 94 113 126 147
100 69 45 23 12 4 10 16 35 51 75 83 100

4.6 3.9 41 52 5.8 6.5 7.9 9.7 11.5
100 62 35 18 32 55 77 100

5.4 4.9 4.5 4.6 4.4 5.0 5.4 6.6 8.9
100 70 47 21 7 27 63 100

5.8 4.8 4.3 4.5 5.1 4.8 5.7 6.5 7.3
100 66 27 8 20 53 86 100

6.0 4.2 4.0 4.3 4.3 5.0 4.6 4.7 5.0
100 61 33 16 9 20 58 100

5.8 4.3 3.4 4.3 5.0 5.5 5.5 4.7 4.0
100 73 44 20 10 28 62 100

Sta	+	π	-	Elev
		43 899.42 919.17		
365	+41			95.8 15.6
	+73			96.4 16.2
366				95.7 15.5
T.P	6.10	23 899.22 918.97	6.30	89.2 912.87
	+50			93.9 13.7
367				92.9 12.7
	+31			92.7 12.5
	+65			93.1 12.9
368				94.0 13.8

Lt

E

Et

54 38 31 34 36 41 43 41 41
100 69 43 17 12 25 64 100

5.0 3.9 2.7 2.7 3.0 3.7 3.7 4.0 4.5
100 84 54 25 15 28 68 100

5.0 3.3 2.9 3.1 3.7 3.8 4.5 4.6 4.9 5.2
100 70 43 19 10 16 30 71 100

3.9 3.8 3.5 4.5 5.3 6.1 6.0 5.9 5.8
100 80 52 25 18 47 76 100

3.9 5.3 6.5 6.5 6.3 6.6 6.5 6.4 6.5
100 66 35 15 19 38 66 100

4.8 6.3 6.5 6.6 6.5 6.6 6.5 6.3 6.5
100 66 35 20 18 38 70 100

5.8 6.3 6.6 6.6 6.1 6.0 5.7 5.3 5.5
100 79 47 14 17 36 72 100

6.1 6.3 6.4 6.0 5.2 4.5 5.2 5.3 4.8 4.9
100 76 49 19 8 17 42 71 100

Sta	+	π	-	Elev
		899.22 918.97		
368	+31			947 14.5
	+65			943 14.1
369				93.8 13.6
	+50			94.4 14.2
	+75			94.4 14.2
370				93.6 13.4
I.P.	3.97	895.15 914.90	B.04	891.18 910.93
	+35			91.7 11.4
	+70			90.7 10.4

Lt.

Z

Rt.

6.2 5.6 6.0 6.0 5.7 5.1 4.5 4.4 5.0 5.5
100 67 100 66 40 13 8 16 35

6.0 5.5 5.0 4.9 4.9 5.6 6.4 6.8 7.8 7.8
100 52 21 7 16 31 59 86 100

5.9 5.5 4.8 4.9 5.4 5.6 6.3 7.0 7.5 7.5 6.9
100 74 49 23 9 14 27 53 78 100

5.4 5.3 4.9 4.8 4.8 5.2 5.7 6.9 6.0 5.9 5.6
100 75 53 26 9 15 29 56 81 100

5.1 5.0 5.0 4.9 4.8 5.2 6.0 5.8 6.0 6.3
100 66 40 18 10 20 39 70 100

5.0 5.4 5.7 5.6 6.0 6.6 6.6 6.8 7.2
100 56 25 10 15 39 70 100

1.2 2.4 3.1 3.5 3.5 3.8 4.1 4.3 4.5 5.0
100 61 41 17 9 20 34 62 100

1.4 2.5 3.5 4.3 4.5 5.1 5.6 5.8 5.8
100 77 48 22 20 45 78 100

Sta	+	π	-	Elev	
		895.75 914.90			
371				90.6	10.3
+50		3.2		90.9	10.6
T.P.	5.65	896.31 910.06	4.99	890.66 910.41	
+80				91.3	11.1
372				91.5	11.4
+21				91.7	11.5
+26				89.0	08.8
+40				91.2	11.0
+50.2 = Edge Pav.				91.24	10.98
= Pav.				91.40	11.14
B.M.			4.92	891.39 911.14	891.40 911.14

Lt.

2

Rt.

24 30 36 42 46 52 5.8 5.8 6.1
100 76 54 26 22 44 73 100

31 36 40 42 43 51 5.3 5.6 5.6
100 76 47 23 20 42 75 100

76 82 49 5.0 5.3 5.0 5.8 6.0 6.0 6.0 5.8
100 83 74 50 19 20 36 58 88 100

Edge Pav. → 4.88 5.1 7.6 8.0 4.8 4.7 5.5 5.5 5.4 5.2
88 74 60 46 36 20 37 56 100

4.75 5.4 7.3 7.7 4.6 5.4 5.5 4.9 4.1 4.1
52 37 23 10 11 23 55 84 100

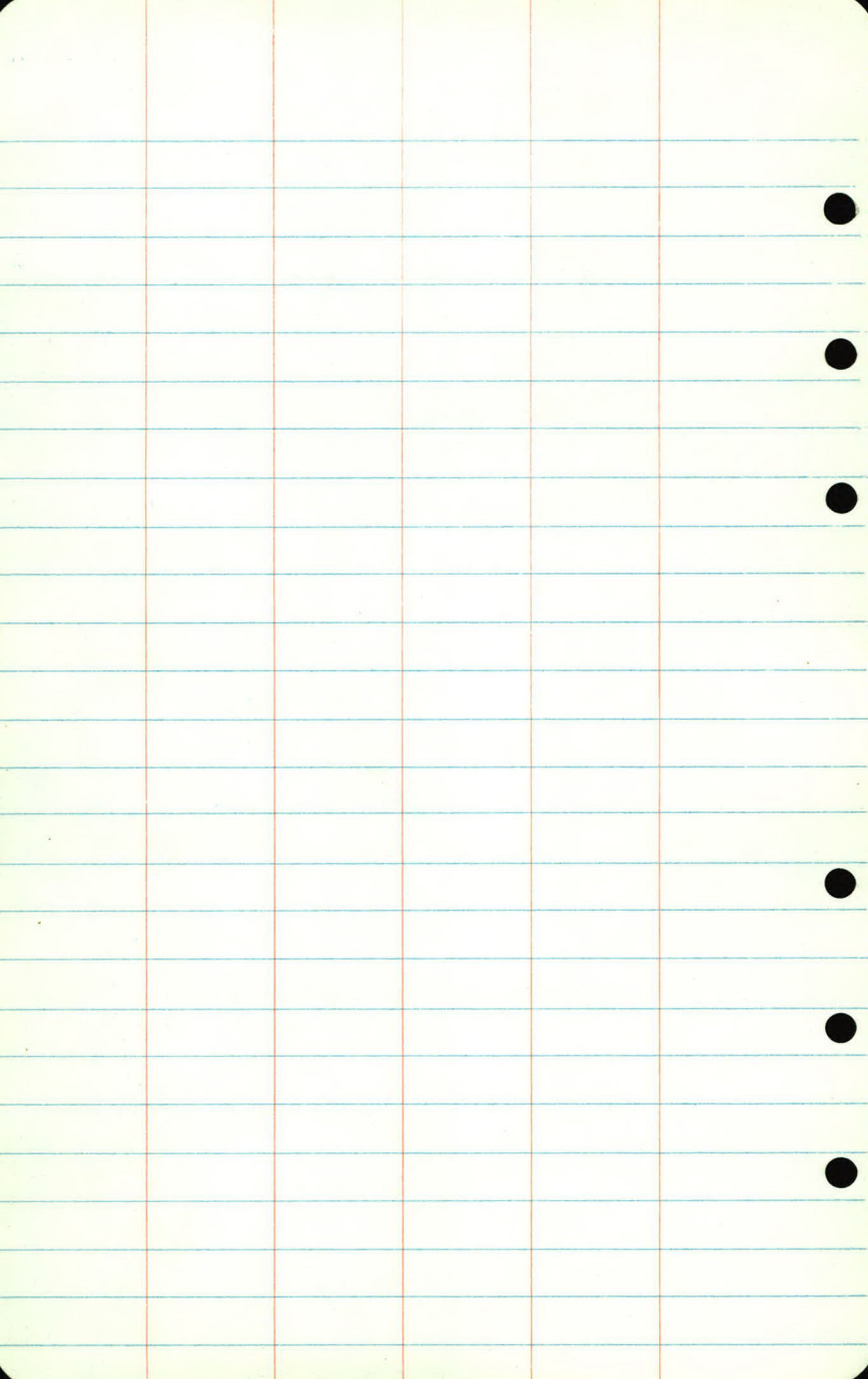
4.97 5.4 7.3 7.3 5.6 5.3 4.5 4.1 3.9
48 27 12 12 31 49 82 100

5.03 5.1 5.2 4.3 4.3 3.9 3.5
16 21 35 50 74 100

5.08 4.8 4.3 4.8 3.3 3.5 3.5
23 32 39 54 74 100

4.92 5.12
29

Drill Hole & Pav.



Bench Levels

Sta.	+	π	-	Elev.
B.M.	2.86	876.72		(869.86)
T.P.	7.90	884.20	0.42	874.30
B.M.			1.75	882.45
T.P.	2.70	883.87	3.03	881.17
T. P.	7.11	890.32	0.66	883.21
T. P.	1.10	882.95	8.47	881.85
T.P.	9.69	892.09	0.55	882.40
T.P.	7.17	899.14	0.15	891.94
T.P.	1.96	892.18	8.89	890.22
T.P.	8.45	897.42	3.41	888.77
B.M.	6.35	899.37	4.40	893.02
T.P.	3.07	899.12	3.32	896.05
T.P.	4.81	895.62	8.31	890.81
B.M.			4.22	891.40

566E

10-6-41
IT - L.C.
Red. M.B.
Rec. - K.F.

84

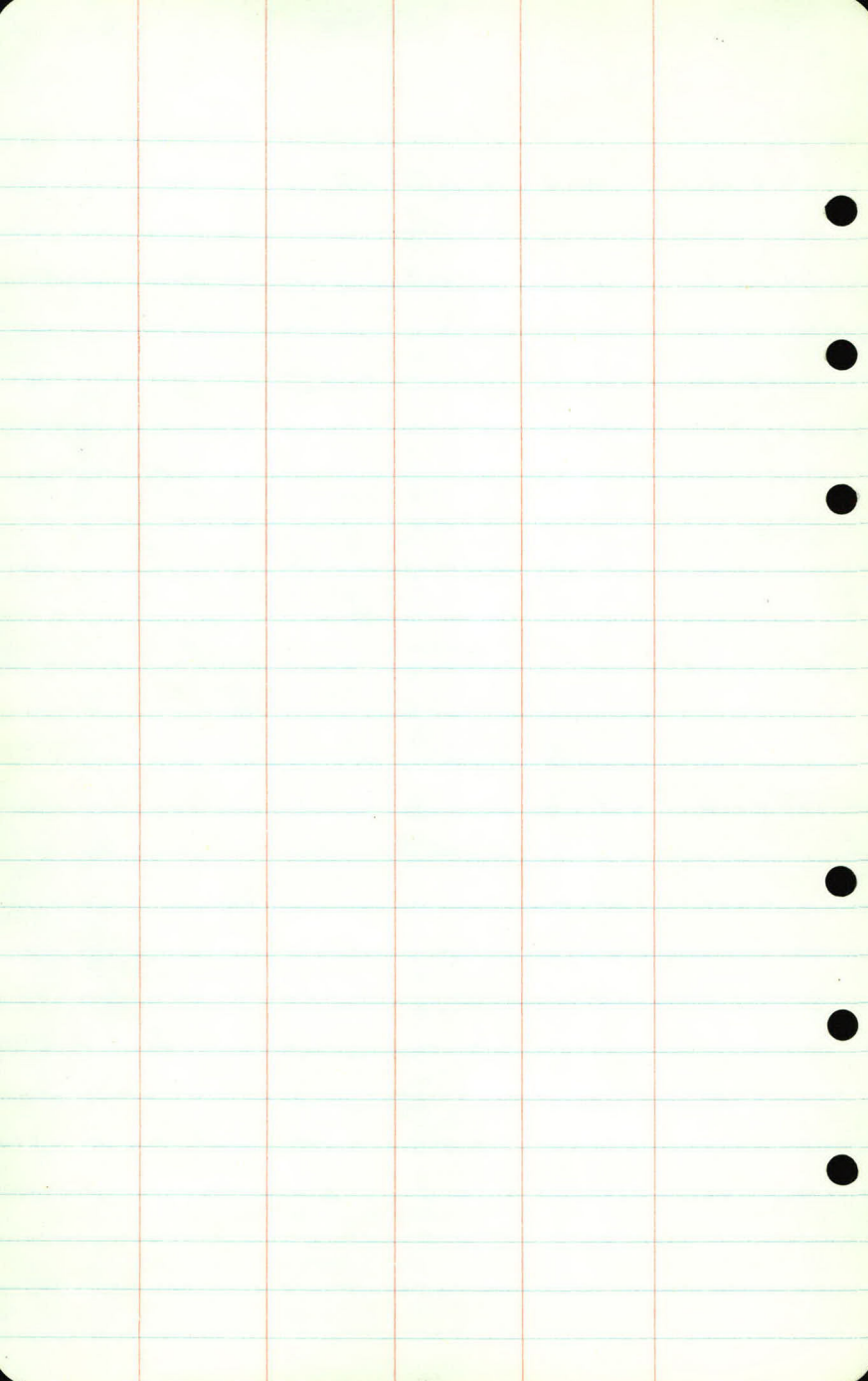
Description

Spike in 15" stump 2' Lt sta. 336+66

R.R. spike in 36" O. 45' Lt. 243+55

R.R. spike in 24" O. 70' Lt 361+70

Drill Hole & Pav.



Push Soundings

10-7-91

Sta.	Depth	Elev.
240	00	
+50	1'	
241	2'	
+50	5'	
242	2'	
+50	2'	
243	2'	
+50	4'	
244	6'	
+50	6'	
245	16'	
+50	20'	
246	18'	
+50	16'	
247	13'	
+50	4'	
248	2'	
+50	2'	
249	3'	
+50	4'	
250	8'	
+50	5'	
251	3'	
+20	00	

10-7-41

86

Sta.	Depth	Elev.
262	+80	0.0
263	3'	
	+50	6'
	+75	9'
264	16'	
	+50	20'
265	19.5'	
	+50	23'
266	22'	
	+25	6'
	+50	5'
	+70	00

Sta	Depth	Elev.
-----	-------	-------

Depth

Flev.

Sta	Depth	Elev.
304 + 65	00	
+ 85	3'	
305	12	Layers of sand.
+ 50	24'	
306	22'	
+ 50	17'	Layer of Sand or Gravel at 19'
307	9'	
+ 50	8'	3' to 4' Layer of Sand or Gravel
308	8'	
+ 30	5'	
+ 60	5'	
+ 70	1'	
+ 75	0.0	

10-6-41

Sta.	Depth	Elev
333 +50	0.0	
+75	1'	
334	2'	
+50	2'	
335	1'	
+50	0.0	
351 +20	0.0	
+35	1.5'	
+60	5'	
352	8'	
+50	9'	
353	9'	
+50	10'	
354	11'	
+50	11'	
355 +00	10'	
+50	10'	
356	9'	
+50	11.5'	
357	11'	
+50	11'	
358	8'	
Cont		

Sta.	Depth	Elev.
------	-------	-------

358 +50	8'	
---------	----	--

359 +00	8'	
---------	----	--

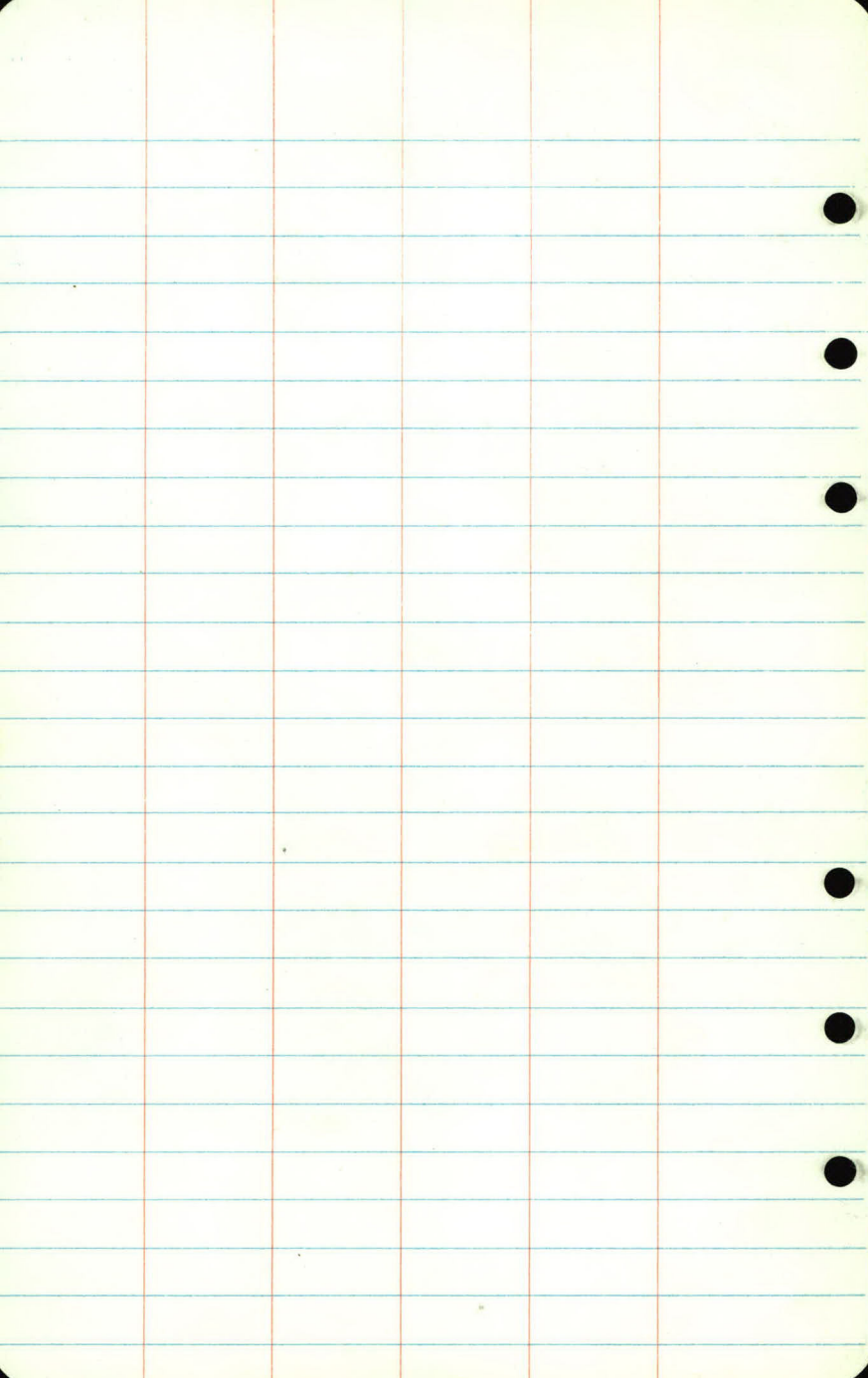
+50	9'	
-----	----	--

360	11'	
-----	-----	--

+15	9'	
-----	----	--

+25	3'	
-----	----	--

+30	0.0	
-----	-----	--



Lexington Ave Ext

B Line

From No Co Line To

Sta. 51+66.82

Sta	Point	ΔL	ΔR
-----	-------	------------	------------

$$51+66.82 = P.T. - 328+95.08$$

$$48+39.26 = P.I. = 325+73.95$$

$$47+10.32 \text{ P.Q.T.}$$

$$26+42.58 \text{ P.O.T.}$$

$$275+01.04 = 2+39.32$$

$$0+00 =$$

12" Twin Oak 00

24" Oak 00

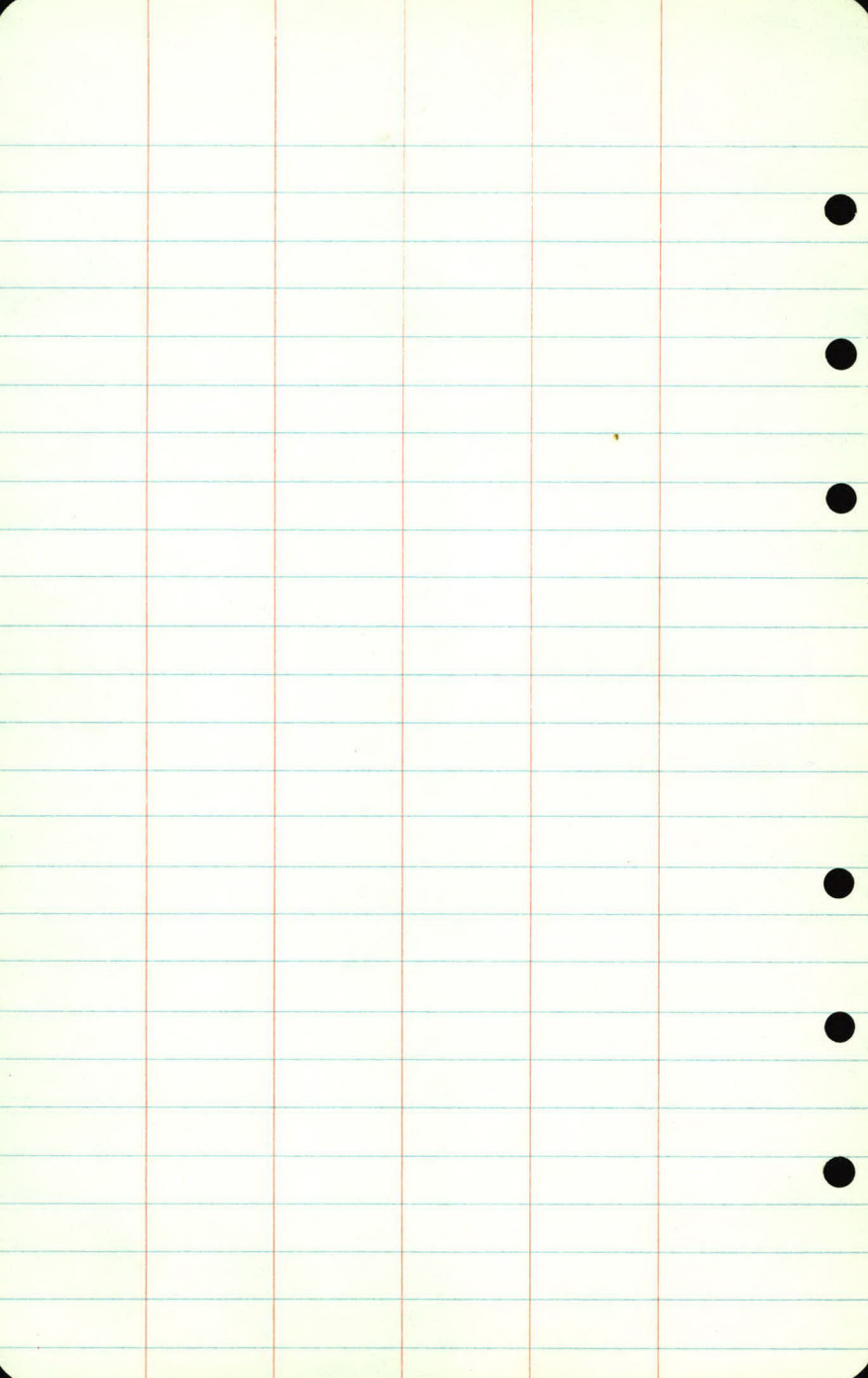
30.45

59.44

4" Twin Oak 37.20

2"x2" Hub

E. No. Co. Line



586E
push soundings

Lexington Ave. Ext.

"B²¹" Line

5th

6 + 75

7

+ 50

8

9

10

11

12

13

14

15

Lt.

\$

RA

begin swamp

0.0

4.0

15.0

24.0

30.0

32.0

44.0

42.0

44.0

32.0
56

33.0
75

Sta.

16 + 00

17

18

19

20

21

22

23

Lt.

~~Lt.~~

Rt.

35.0
60

+25 begin Fe. 04. E

40.0
25

Fc. 10' Lt.

29.0

Fc. 6' Lt.

24.0

Fc. 4' Lt.

23.0

+60 Fg X E

32.0 Fc. 1' Rt.

18.0 Fc. 4' Rt.

+25 begin brush

8.0 Fc. 4' Rt.

sta

24 +100

+60

25

26

27

28

29

586E

Lt

£

Rt

3.0 Fc. 5' Rt.

0.0

Woods Fc. 7' Rt.

Fc. 6' Rt.

Fc. 8' Rt.

Fc. 6' Rt.

+45 End woods begin Swamp

0.0 Fc. 4' Rt.

Sta.

29 + 50

30

31

32

33

34

35

36

Lt.

£

Rt.

26.0

39.0

Fc. 3' Rt.

38.0

Fc. 1' Rt.

+40 Fc. X £

39.0

+10 - 1' Lt. End of Fc.

36.0

32.0

24.0

14.0

5/9

37

38

39

40

41

42

43

44

Lt

£

Rt

12.0

4.0

3.0

10.0

15.0

14.0

10.0

21.0

5 1/4

45 400

+50

+85

46

4,

£

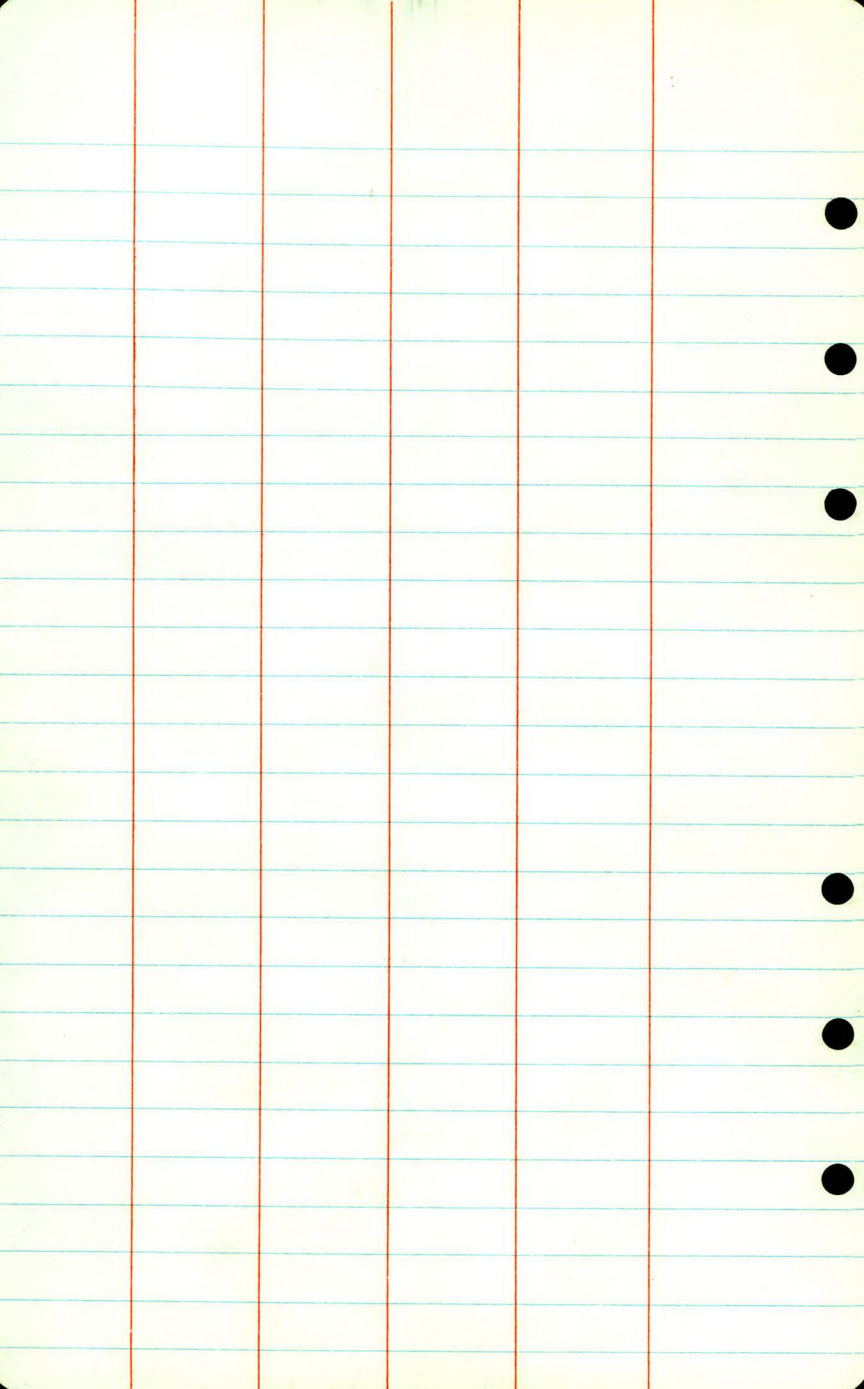
Pt.

23.0

13.0

0.0 End of Swamp

brush & Trees



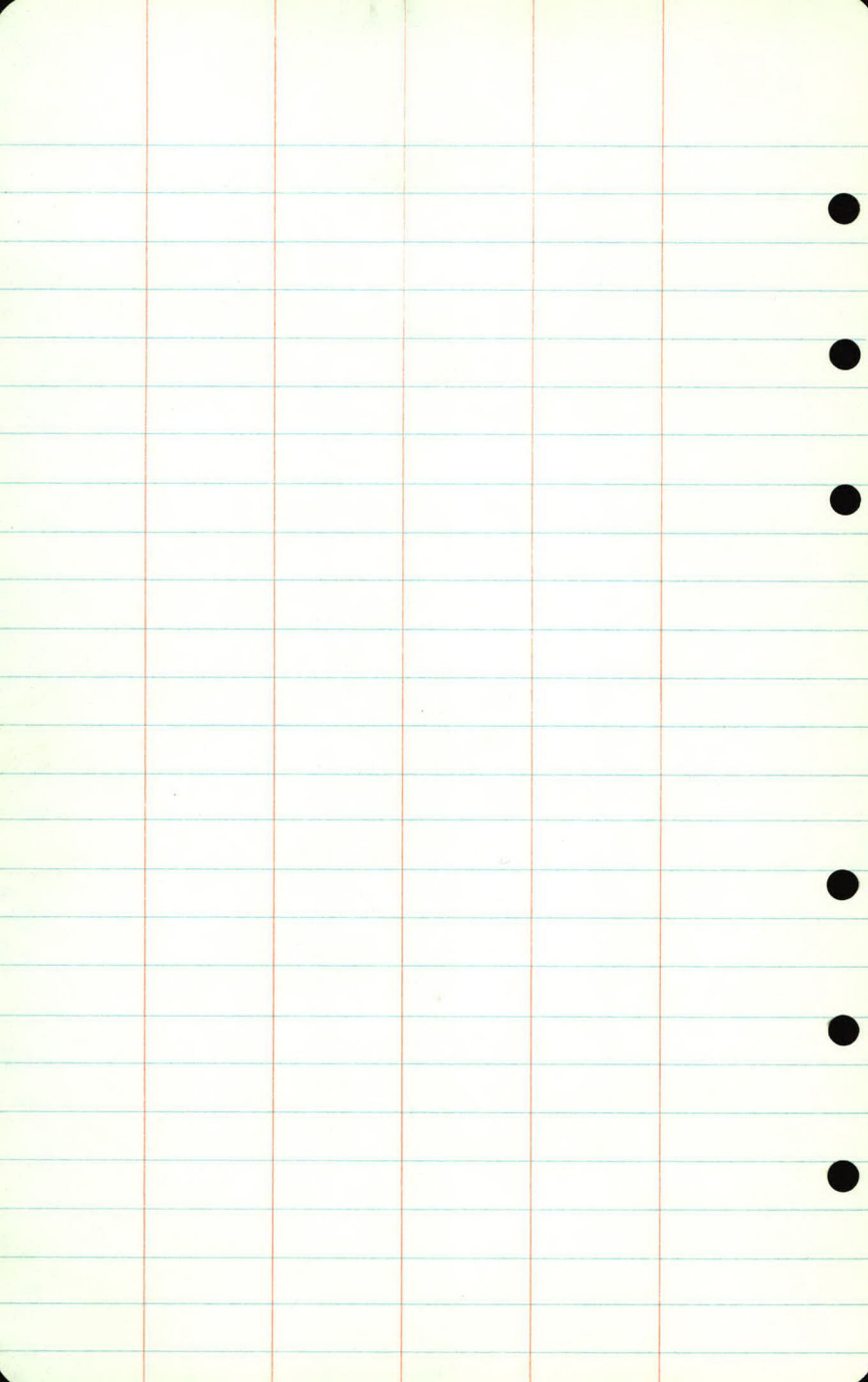
Lexington Ave Ext.

bench levels
From A line to B line

Sta	+	π	-	Elev
B.M.	6.16	899.38		893.22
T.P.	5.12	897.51	6.99	892.39
T.P.	4.75	899.36	2.90	899.61
T.P.	7.39	898.53	8.22	891.14
T.P.	13.22	911.13	0.62	897.91
T.P.	5.80	916.05	0.88	910.25
T.P.	1.52	913.99	3.58	912.47
B.M.			1.86	912.13

spk in 12" oak stp. $\frac{1}{2}$ at sta. 303+94.56

spk. in 12" Twin Oak 5' Lt. sta 26+



#

Levels

Lexington Ave. Ext. B. Line

From No. Co. Line to Sta.

Sta	+	π	-	Elev.
B.M.	5.02	907.14		902.12
0+00				98.3.
+15				97.9.
+17				97.2.
+26				99.2.
+29				01.5.
+50				01.1.
1.				01.4.
+50				01.3.
2.				01.7.
+50				01.7.

LT.	Φ	RT.
RR. Spk. in 30" Oak 100' Rt. Sta. 273+36		
	8.8	
	9.2	
	9.9	
	7.9	
	5.4	
	6.0	
	5.7	
	5.8	
	5.4	
	5.4	

Sta	+	π	-	Elev
		907.14		
3				02.6
	+35			01.7
	+72			98.7
4				96.3
	+50			92.6
	+87			89.6
5				88.3
T.P.	0.42	894.50	13.06	894.08
	+50			86.9
	+75			87.0
6				88.2
	+40			88.4

Lt.

£

Rt.

4.5

5.4

8.4

10.8

14.5

17.5

18.8

2.6

2.5

6.3

6.1

5/9. + T - E/cv

899.50

6 +80

85.3

7

84.8

+50

83.6

8

82.4

+50

81.5

9

81.2

+50

81.0

10

80.7

+50

80.5

11

80.4

+50

80.4

12

80.5

Lt.

E

Rt.

9.2

9.7

10.9

12.1

13.0

13.3

13.5

13.8

14.0

14.1

14.1

14.0

Sta	+	π	-	Elev
-----	---	-------	---	------

899.50.

12	+50			80.5.
----	-----	--	--	-------

13				80.4.
----	--	--	--	-------

	+50			80.0.
--	-----	--	--	-------

14				80.0.
----	--	--	--	-------

	+50			80.4.
--	-----	--	--	-------

	+65			79.7.
--	-----	--	--	-------

	+70			79.2.
--	-----	--	--	-------

	+75			80.0.
--	-----	--	--	-------

15				80.4
----	--	--	--	------

Lt,

£

Rt,

14.0

14.1

14.5
40

14.5
50

14.1
75

14.8
75

15.3
75

14.5
75

14.1
100

Sta	+	II	-	Elev
		899.50		
15	+50			80.4
16				80.4
	+50			80.2
17				80.4
T.P.	7.82	892.54	9.28	884.72
	+50			80.3
18				80.2
	+50			80.4
19				80.5
	+50			80.6
20				80.4
	+50			80.4

Lt.

£

Rt

14.1
100

14.1
50

14.3
25

14.1

12.2

12.3

12.1

12.0

11.9

12.1

12.1

Sta	+	π	-	Elev
		892.59.		
21				80.3
	+50			80.5
22				80.9
	+50			81.5
23				81.8.
	+50			81.9.
24				82.1.
	+50			82.7.
25				83.9.
	+18			84.9.
	+40			89.5.
T.P.	13.15	905.69.	0.00	892.54.
	+67			98.1

Lt

E

Rt

12.2

12.0

11.6

11.0

10.7

10.6

10.4

9.8

8.6

7.6

3.0

7.6

Sta	+	π	-	Elev
		905.69		
T.P.	9.49	914.86	0.32	905.37
25	+ 89			06.3
26				08.8
	+ 30			12.3
	+ 50			12.5
	+ 75			10.3
B.M.			2.79	912.07. (912.13)
27				06.9.
	+ 50			98.2.
T.P.	0.61	903.19 903.13	12.34	902.58. 902.52
	+ 65			95.6.
28				87.3.
T.P.	1.96	891.47 891.41	13.68	889.51. 889.45

LT

±

RT

8.6

6.1

2.6

2.4

4.6

SPK IN 12" TWIN OCK 5' LT STg 2.6 +

8.0

14.7

7.6

15.9

Sta	+	π 890.47 891.41	-	Elev
28	+50			84.0.
29				82.7.
	+50			81.7.
30				80.9.
	+50			80.8.
31				80.7.
	+50			80.4.
32				80.4.
	+50			80.5.
33				80.5.
	+50			80.5.
34				80.7.

Lt

£

RT

2.5

8.8

9.8

10.6

10.7

10.8

11.1

11.1

11.0

11.0

11.0

10.8

Sta	+	+	-	Elev
		891.47 891.41		
34	+50			80.6.
35				80.9.
	+50			81.2.
36				81.8.
	+50			82.2.
37				82.2.
	+50			82.1.
38				83.0.
T.P.	4.65	890.22 890.16	5.90	885.57 885.51
	+50			82.7.
39				82.3.
	+50			82.4.
40				82.1.

Lt

~~Lt~~

Rt

10.9

10.6

10.3

9.7

9.3

9.3

9.4

8.5

7.5

7.9

7.8

8.1

Sta	+	π	-	Elev
		890.22 890.16		
40	+50			81.6.
41				81.6.
	+57			81.6.
42				81.6.
	+50			81.5.
43				81.6.
	+58			81.5.
44				81.2.
	+58			81.4.
45				81.4.
	+35			82.5.
	+58			83.2.

Lt.

L

Rt

8.6

8.6

8.6

8.6

8.7

8.6

8.7

9.0

8.8

8.8

7.7

7.0

Sta	+	T.	-	Elev
		890.22 890.16		
45	+80			83.9
46				85.4
	+22			86.7.
50				88.8.
T.P.	2.28	896.81 896.85	1.19	889.03 888.97.
	+75			90.9.
47				92.2.
	+21			92.1.
	+40			90.3.
	+75			88.0.
48				86.8.
	+18			86.1.
	+39			85.3.

Lt.

£

Rt

6.3

9.8

3.5

1.4

59

46

9.7

6.5

8.8

10.0

10.7

11.5

Sta.	+	↑ 896.81. 896.85	-	Elev
48	+64			84.7
	+89			84.1
49				83.7
	+50			83.2
50				82.8
	+50			82.8
51				82.8
	+50			82.8
	+61			82.8
B.M.			9.44	887.37 887.41
				887.49

Lt.

±

Rt

12.1

12.7

13.1

13.6

14.0

14.0

14.0

14.0

14.0

SPK. IN 12" Oak 8' Rt. Sta 323+64

