

SURVEY 4-920930-4-1226
 Reg. to: MOODY/NOLAN LTD.
 File Name: C:\S4\SURVEYS\ATHENS.DAT

Job: athens50
 us50-25.05

202

By: w.t.o.

Point	Direction	Distance	Northing	Easting	Elevation
-------	-----------	----------	----------	---------	-----------

Start 26			467487.9952	161645.7234	
IN 500	S 36½29'16.9" W	2425.030	465538.3172	160203.6674	
IN 26	N 36½29'16.9" E	2425.030	467487.9952	161645.7234	

202 WD

Start 26			467487.9952	161645.7234	
IN 711	S 80½18'47.9" E	80.754	467474.4075	161725.3261	
IC 53			466808.7718	163769.6913	
	Central Angle	6½03'32.1"			
	Radius	2150.000			
	Arc	227.359			
	Tangent	113.785			
	Chord	227.253			
	Chord Bearing	S 15½00'19.9" W			

213			467254.9038	161666.4875	
IN 214	S 30½32'20.2" W	107.646	467162.1900	161611.7900	
IN 716	S 8½22'11.3" W	170.031	466993.9700	161587.0400	
IN 714	N 8½09'36.9" W	196.277	467188.2600	161559.1800	
IN 215	N 13½38'13.4" E	213.046	467395.3000	161609.4100	
IN 26	N 21½23'34.0" E	99.554	467487.9952	161645.7234	

Area = 31209.7234 Sq. Feet or 0.7165 Acres

202 WL

Start 711			467474.4075	161725.3261	
IN 712	S 80½18'48.0" E	65.122	467463.4500	161789.5200	
IN 213	S 30½32'19.0" W	242.133	467254.9038	161666.4875	

276

Reg. to: MOODY/NOLAN LTD.

File Name: C:\S4\SURVEYS\ATHENS.DAT

Job: athens50
us50-25.05

By: w.t.o.

Point	Direction	Distance	Northing	Easting	Elevation
-------	-----------	----------	----------	---------	-----------

IC					
53			466808.7718	163769.6913	
	Central Angle	6½03'32.1"			
	Radius	2150.000			
	Arc	227.359			
	Tangent	113.785			
	Chord	227.253			
	Chord Bearing	N 15½00'19.9" E			

711 467474.4075 161725.3261
Area = 7823.0373 Sq. Feet or 0.1796 Acres

Start					
712			467463.4500	161789.5200	
IN	S 30½32'19.0" W	242.133			
213			467254.9038	161666.4875	
IC					
53			466808.7718	163769.6913	
	Central Angle	3½42'31.8"			
	Radius	2150.000			
	Arc	139.172			
	Tangent	69.610			
	Chord	139.148			
	Chord Bearing	N 13½49'49.8" E			

340 467390.0173 161699.7508
IN N 30½28'58.0" E 93.588
341 467470.6693 161747.2258
IN S 80½18'48.0" E 42.906
712 467463.4500 161789.5200
Area = 6824.5929 Sq. Feet or 0.1567 Acres

Start					
340			467390.0173	161699.7508	
IC					
53			466808.7718	163769.6913	
	Central Angle	3½42'31.8"			
	Radius	2150.000			
	Arc	139.172			
	Tangent	69.610			
	Chord	139.148			
	Chord Bearing	S 13½49'49.8" W			
213			467254.9038	161666.4875	
IN	S 30½32'20.2" W	107.646			
214			467162.1900	161611.7900	

277

SURVEY 4-920930-4-1226
Reg. to: MOODY/NOLAN LTD.
File Name: C:\S4\SURVEYS\ATHENS.DAT

01-31-1997 10:01 AM Page 3

Job: athens50
us50-25.05

By: w.t.o.

Point	Direction	Distance	Northing	Easting	Elevation
IN 716	S 8½22'11.3" W	170.031	466993.9700	161587.0400	
IN 67	N 8½09'37.0" W	130.000	467122.6537	161568.5875	
IN 5074	N 21½10'15.9" E	100.256	467216.1433	161604.7954	
IN 5046	N 27½53'05.3" E	140.574	467340.3948	161670.5410	
IN 340	N 30½28'58.0" E	57.581	467390.0173	161699.7508	

Area = 9850.0983 Sq. Feet or 0.2261 Acres

278

Reg. to: MOODY/NOLAN LTD.

File Name: C:\S4\SURVEYS\ATHENS.DAT

Job: athens50
us50-25.05

203

By: w.t.o.

Point	Direction	Distance	Northing	Easting	Elevation

Start		<i>WD</i>			
16			466835.6262	161589.7583	
IN 500	S 46½53'41.9" W	1898.489	465538.3172	160203.6674	
IN 16	N 46½53'41.9" E	1898.489	466835.6262	161589.7583	
Start					
16			466835.6262	161589.7583	
IN 11	N 2¼41'34.7" W	68.434	466903.9847	161586.5430	
IN 716	N 0¼18'59.2" E	89.987	466993.9700	161587.0400	
IN 410	N 8¼22'11.0" E	25.520	467019.2185	161590.7547	
IN 408	S 87¼34'32.6" E	39.135	467017.5631	161629.8549	
IC 53			466808.7718	163769.6913	
	Central Angle	7¼43'38.0"			
	Radius	2149.999			
	Arc	289.961			
	Tangent	145.200			
	Chord	289.741			
	Chord Bearing	S 1¼42'33.5" W			
68			466727.9512	161621.2124	
IN 411	S 2¼09'16.0" E	27.558	466700.4122	161622.2484	
IN 5034	S 72¼26'29.0" W	14.057	466696.1716	161608.8466	
IN 16	N 7¼47'38.7" W	140.755	466835.6262	161589.7583	
Area = 9508.3748 Sq. Feet or 0.2183 Acres					

Start		<i>WL</i>			
16			466835.6262	161589.7583	
IN 500	S 46½53'41.9" W	1898.489	465538.3172	160203.6674	
IN 16	N 46½53'41.9" E	1898.489	466835.6262	161589.7583	
IN 408	N 12¼25'42.9" E	186.303	467017.5631	161629.8549	

279

Job: athens50
 us50-25.05

By: w.t.o.

Point	Direction	Distance	Northing	Easting	Elevation
Start 408			467017.5631	161629.8549	
IN 5058	S 87 $\frac{1}{2}$ 34'33.0" E	79.100	467014.2174	161708.8844	
IN 5033	S 0 $\frac{1}{2}$ 05'38.0" W	286.540	466727.6773	161708.4148	
IN 411	S 72 $\frac{1}{2}$ 26'29.0" W	90.377	466700.4122	161622.2484	
IN 68	N 2 $\frac{1}{2}$ 09'16.0" W	27.558	466727.9512	161621.2124	
IC 53			466808.7718	163769.6913	
	Central Angle	7 $\frac{1}{2}$ 43'38.0"			
	Radius	2149.999			
	Arc	289.961			
	Tangent	145.200			
	Chord	289.741			
	Chord Bearing	N 1 $\frac{1}{2}$ 42'33.5" E			
408			467017.5631	161629.8549	
Area = 26096.6240 Sq. Feet or 0.5991 Acres					

WL-1

Start 704			466434.5100	161648.3400	
IN 500	S 58 $\frac{1}{2}$ 11'12.8" W	1700.071	465538.3172	160203.6674	
IN 704	N 58 $\frac{1}{2}$ 11'12.8" E	1700.071	466434.5100	161648.3400	

Start 704			466434.5100	161648.3400	
IN 5043	N 8 $\frac{1}{2}$ 49'23.0" W	56.869	466490.7065	161639.6172	
IN 614	N 83 $\frac{1}{2}$ 43'00.0" E	88.838	466500.4294	161727.9220	
IN 943	S 1 $\frac{1}{2}$ 10'19.9" E	492.298	466008.2345	161737.9929	
IN 708	N 13 $\frac{1}{2}$ 31'23.0" W	22.521	466030.1308	161732.7268	
IN 707	N 14 $\frac{1}{2}$ 39'02.0" W	194.948	466218.7400	161683.4200	
IN 704	N 9 $\frac{1}{2}$ 14'03.8" W	218.603	466434.5100	161648.3400	
Area = 24592.6186 Sq. Feet or 0.5646 Acres					

280

Ath. 50-25.05
Par 203 WL-1

Commencing at

True Point of Beginning

1	thence	N	8	49	23.0	W	56.870	ft.
2	thence	N	83	43	0.0	E	88.840	ft.
3	thence	S	1	10	20.0	E	492.300	ft.
4	thence	N	13	31	23.0	W	22.520	ft.
5	thence	N	14	39	2.0	W	194.950	ft.
6	thence	N	9	14	4.0	W	218.600	ft.

Commencing at

True Point of Beginning

1	thence	N	8	49	23.0	W	56.870	ft.
2	thence	N	83	43	0.0	E	88.840	ft.
3	thence	S	1	10	20.0	E	492.300	ft.
4	thence	N	13	31	23.0	W	22.520	ft.
5	thence	N	14	39	2.0	W	194.950	ft.
6	thence	N	9	14	4.0	W	218.600	ft.

True Point of Beginning

Precision Ratio: 1 part in 336898
Length to Close = 0.003 Perimeter Length = 1074.000
Bearing of Closing Line = N 30 59 20.2 W
Enclosed Area = 24592.9 Sq. Ft. or 0.5646 Acres

281

Job: athens50
 us50-25.05

By: w.t.o.

Point	Direction	Distance	Northing	Easting	Elevation
-------	-----------	----------	----------	---------	-----------

Start 408		<u>223WL</u>	467017.5631	161629.8549	
IN 500	S 43½57'13.7" W	2054.794	465538.3172	160203.6674	
IN 408	N 43½57'13.7" E	2054.794	467017.5631	161629.8549	

Start 408			467017.5631	161629.8549	
IC 53			466808.7718	163769.6913	

Central Angle 3½14'44.5"
 Radius 2149.999
 Arc 121.793
 Tangent 60.913
 Chord 121.776
 Chord Bearing N 7½11'44.7" E

409			467138.3805	161645.1086	
IN 1102	S 87½34'33.0" E	8.650	467138.0146	161653.7508	
IN 900	S 57½43'41.9" E	296.263	466979.8294	161904.2489	
IN 5054	N 87½34'33.0" W	40.000	466981.5213	161864.2843	
IN 5068	N 1½00'32.0" E	26.102	467007.6191	161864.7439	
IN 408	N 87½34'33.0" W	235.099	467017.5631	161629.8549	

Area = 15025.8468 Sq. Feet or 0.3449 Acres

Start 408			467017.5631	161629.8549	
IN 500	S 43½57'13.7" W	2054.794	465538.3172	160203.6674	
IN 408	N 43½57'13.7" E	2054.794	467017.5631	161629.8549	
IN 5058	S 87½34'33.0" E	79.100	467014.2174	161708.8844	

Start 5058		<u>223WL-1</u>	467014.2174	161708.8844	
IN 174	S 87½34'33.0" E	135.999	467008.4650	161844.7618	
IN	S 0½05'38.0" W	59.000			

282

SURVEY 4-920930-4-1226
Reg. to: MOODY/NOLAN LTD.
File Name: C:\S4\SURVEYS\ATHENS.DAT

01-31-1997 10:30 AM Page 2

Job: athens50
us50-25.05

By: w.t.o.

Point	Direction	Distance	Northing	Easting	Elevation
80			466949.4651	161844.6651	
IN	N 87 $\frac{1}{2}$ 34'33.0" W	135.999			
212			466955.2175	161708.7877	
IN	N 0 $\frac{1}{4}$ 05'38.0" E	59.000			
5058			467014.2174	161708.8844	

Area = 8017.3137 Sq. Feet or 0.1841 Acres

File: ATHENS.DAT
Session terminated at 10:31 AM on 01-31-1997

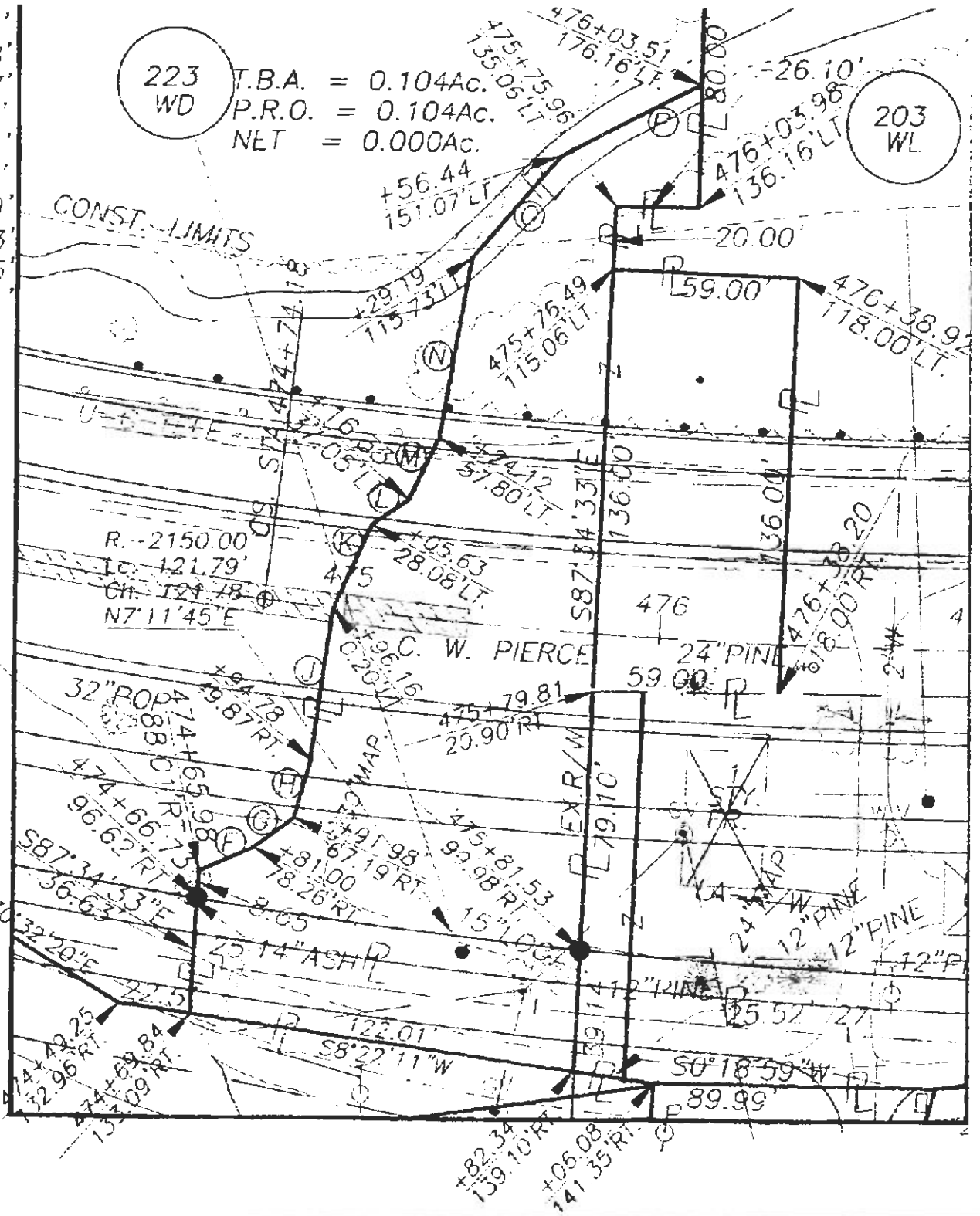
283

- F - S24°03'05"E - 18.64'
- G - S36°53'14"E - 15.98'
- H - S73°47'22"E - 17.57'
- J - S81°46'22"E - 50.09'
- K - S64°59'49"E - 29.41'
- L - S34°31'31"E - 13.79'
- M - S64°16'24"E - 22.09'
- N - S79°47'44"E - 58.13'
- O - S49°40'16"E - 43.35'
- P - S26°30'41"E - 49.81'

223
WD

T.B.A. = 0.104Ac.
P.R.O. = 0.104Ac.
NET = 0.000Ac.

203
WL



684

FAX TRANSMITTAL

DATE: 2-11-97
TO: D. BRIGG
O. D.O.F.
(Company)
RE: L.W. PIERCE

FAX #: 1-614-373-7317

NUMBER OF PAGES SENT: 5
(Including this page)

For approval
For your use _____
For your review _____
As requested _____

COMMENTS: Hope this is alright.

SIGNED: [Signature]

Send _____
(Initials)

285

MOODY/NOLAN LTD.
LU: 014-733-8000
FLD 11 21
11:10 AM 02/11/97



Architecture • Engineering • Interior Design • Planning
1778 East Broad Street, Columbus, Ohio 43203-2039

Phone: 614/253-2823 • Fax: 614/253-8003
Columbus • Nashville • Orlando

LETTER OF TRANSMITTAL

DATE 2-11-97

PROJECT NO. _____

TO: OHIO DEPT. OF TRANSPORTATION
MUSKINGUM DR.
MARIETTA, OHIO
45750 45059

ATTN: DOUG BRIGGS P.E.
RE: C.W. PIERCE ON
ATHSO-25.05

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:

- Shop Drawings Pay Request Plans Samples Specifications
- Copy of letter Change order _____

THESE ARE TRANSMITTED as checked below:

- For approval Approved as submitted Resubmit _____ copies for approval
- For your use Approval as noted Submit _____ copies for distribution
- As requested Returned for corrections Return _____ corrected prints
- For review and comment _____
- FOR BIDS DUE _____ 19____ PRINTS RETURNED AFTER LOAN TO US

COPIES	DATE	DESCRIPTION
1		PLAT OF C.W. PIERCE LOTS. SHOWING CALLS.
1		COMPUTER PRINTOUT OF METES & BOUNDS

REMARKS _____

COPY TO _____

SIGNED Keith W. Burtel P.E.

986

MIDDLETOWN, OHIO 45036-1000 TEL: 614-253-8003 FAX: 614-253-8003

Job: athens50
 us50-25.05

By: w.t.o.

Point	Direction	Distance	Northing	Easting	Elevation
Start					
410			467019.2185	161590.7547	
IN 407	N 8½22'11.4" E	122.011	467139.9296	161608.5149	
IN 409	S 87½34'33.0" E	36.626	467138.3805	161645.1086	
IN 1102	S 87½34'33.0" E	8.650	467138.0146	161653.7508	
IN 412	S 24½03'05.0" E	18.640	467120.9929	161661.3477	
IN 413	S 36½53'14.0" E	15.980	467108.2118	161670.9395	
IN 414	S 73½47'22.0" E	17.570	467103.3068	161687.8110	
IN 415	S 81½46'22.0" E	50.090	467096.1390	161737.3855	
IN 416	S 64½59'49.0" E	29.410	467083.7084	161764.0393	
IN 417	S 34½31'31.0" E	13.790	467072.3471	161771.8551	
IN 418	S 64½16'24.0" E	22.090	467062.7583	161791.7554	
IN 419	S 79½47'44.0" E	58.130	467052.4599	161848.9659	
IN 420	S 49½40'16.0" E	43.350	467024.4049	161882.0134	
IN 900	S 26½30'40.6" E	49.814	466979.8294	161904.2489	
IN 5054	N 87½34'33.0" W	40.000	466981.5213	161864.2843	
IN 5068	N 1½00'32.0" E	26.102	467007.6191	161864.7439	
IN 174	N 87½34'33.0" W	20.000	467008.4650	161844.7618	
IN 5058	N 87½34'33.0" W	135.999	467014.2174	161708.8844	
IN 408	N 87½34'33.0" W	79.100	467017.5631	161629.8549	
IN 410	N 87½34'32.6" W	39.135	467019.2185	161590.7547	
Area = 22568.0818 Sq. Feet or 0.5181 Acres					
			14.2174	161708.8844	

187

MOODY/NOLAN LTD. 10-014-200-0000

Reg. to: MOODY/NOLAN LTD.

File Name: C:\S4\SURVEYS\ATHENS.DAT

Job: athens50
us50-25.05

By: w.t.o.

Point	Direction	Distance	Northing	Easting	Elevation
IN 174	S 87 $\frac{1}{2}$ 34'33.0" E	135.999	467008.4650	161844.7618	
IN 80	S 0 $\frac{1}{2}$ 05'38.0" W	59.000	466949.4651	161844.6651	
IN 212	N 87 $\frac{1}{2}$ 34'33.0" W	135.999	466955.2175	161708.7877	
IN 5058	N 0 $\frac{1}{2}$ 05'38.0" E	59.000	467014.2174	161708.8844	
Area = 8017.3137 Sq. Feet or 0.1841 Acres					

288

MOODY/NOLAN LTD.

ID:614-253-8003

FEB 11 1997

17:20 No.022 P.04

Job: athens50
 us50-25.05

By: w.t.o.

Point Direction Distance Northing Easting Elevation

Point	Direction	Distance	Northing	Easting	Elevation
Start 408		<u>223WL</u>			
IN 500	S 43½57'13.7" W	2054.794	467017.5631	161629.8549	
IN 408	N 43½57'13.7" E	2054.794	465538.3172	160203.6674	
Start 408			467017.5631	161629.8549	
IC 53			466808.7718	163769.6913	
	Central Angle	3½14'44.5"			
	Radius	2149.999			
	Arc	121.793			
	Tangent	60.913			
	Chord	121.776			
	Chord Bearing	N 7½11'44.7" E			
409			467138.3805	161645.1086	
IN 1102	S 87½34'33.0" E	8.650	467138.0146	161653.7508	
IN 900	S 57½43'41.9" E	296.263	466979.8294	161904.2489	
IN 5054	N 87½34'33.0" W	40.000	466981.5213	161864.2843	
IN 5068	N 1½00'32.0" E	26.102	467007.6191	161864.7439	
IN 408	N 87½34'33.0" W	235.099	467017.5631	161629.8549	
Area = 15025.8468 Sq. Feet or 0.3449 Acres					

Start 408			467017.5631	161629.8549	
IN 500	S 43½57'13.7" W	2054.794	465538.3172	160203.6674	
IN 408	N 43½57'13.7" E	2054.794	467017.5631	161629.8549	
IN 5058	S 87½34'33.0" E	79.100	467014.2174	161708.8844	

Point	Direction	Distance	Northing	Easting	Elevation
Start 5058		<u>223WL-1</u>			
IN 174	S 87½34'33.0" E	135.999	467014.2174	161708.8844	
IN	S 0½05'38.0" W	59.000	467008.4650	161844.7618	

289

Reg. to: MOODY/NOLAN LTD.

File Name: C:\S4\SURVEYS\ATHENS.DAT

Job: athens50
us50-25.05

By: w.t.o.

Point	Direction	Distance	Northing	Easting	Elevation
80			466949.4651	161844.6651	
IN 212	N 87 $\frac{1}{2}$ 34'33.0" W	135.999	466955.2175	161708.7877	
IN 5058	N 0 $\frac{1}{2}$ 05'38.0" E	59.000	467014.2174	161708.8844	

Area = 8017.3137 Sq. Feet or 0.1841 Acres

File: ATHENS.DAT

Session terminated at 10:31 AM on 01-31-1997.

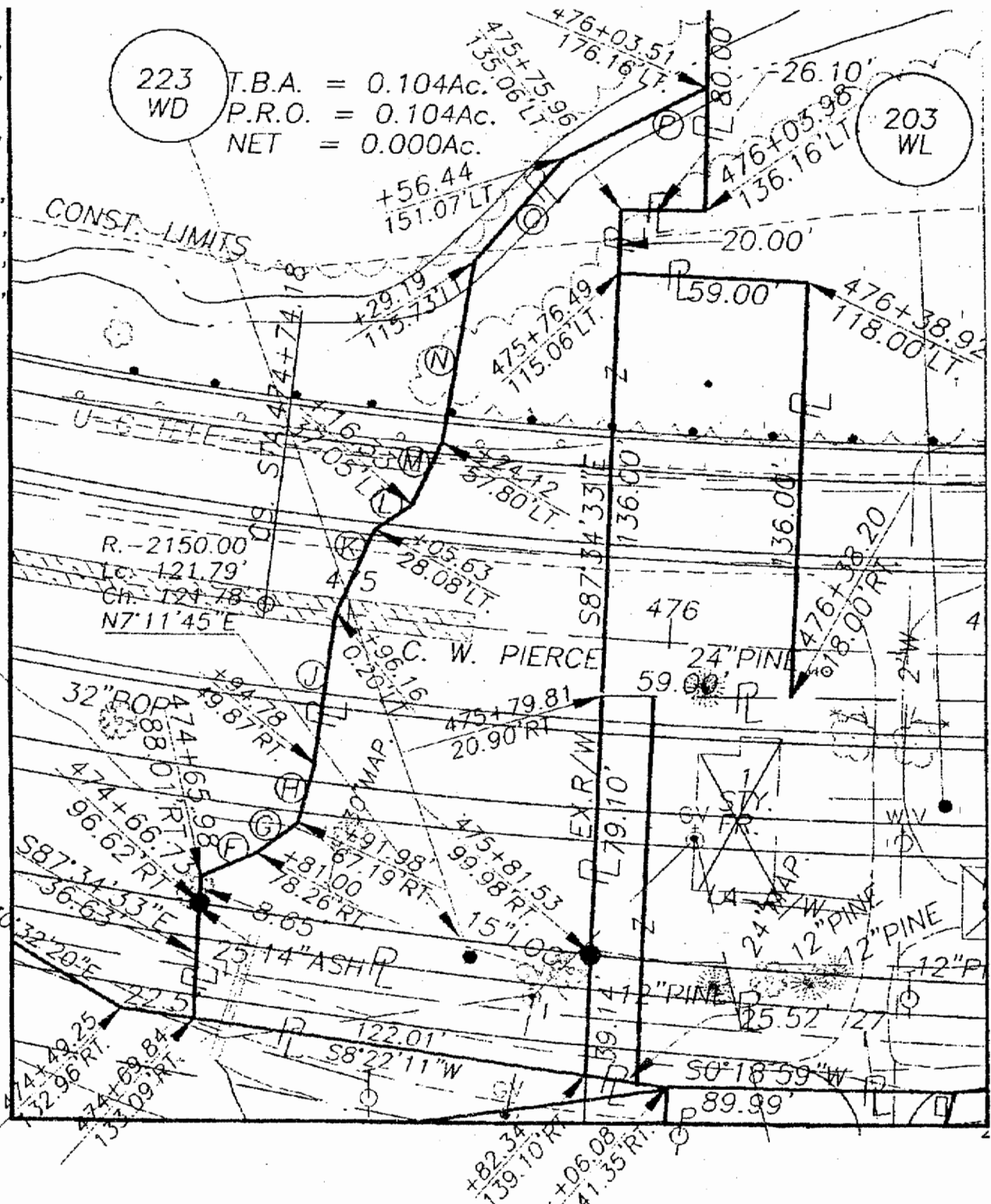
290

- F- S24°03'05"E - 18.64'
- G- S36°53'14"E - 15.98'
- H- S73°47'22"E - 17.57'
- J- S81°46'22"E - 50.09'
- K- S64°59'49"E - 29.41'
- L- S34°31'31"E - 13.79'
- M- S64°16'24"E - 22.09'
- N- S79°47'44"E - 58.13'
- O- S49°40'16"E - 43.35'
- P- S26°30'41"E - 49.81'

223
WD

T.B.A. = 0.104Ac.
P.R.O. = 0.104Ac.
NET = 0.000Ac.

203
WL



166