

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: 34.2300  
 ORIGIN, LONGITUDE: 86.0000  
 PROJECTION: LAMBERT  
 MAG. SURVEY (1-173)  
 TIES:HOR.=1:4486  
 TIES:VERT.--.83  
 PAGE: 1

COORDINATE SYSTEM: TN. [4100]  
 LINE: TN-4  
 DATE: 03-27-1987  
 FALSE EASTINGS: 2000000  
 FALSE NORTHINGS: 0  
 UNIT OF MEASURE: FEET

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	1	1313181.9	263935.6	388.7	
S	2	1313509.3	263901.5	380.0	
S	3	1313836.4	263864.8	378.1	
S	4	1314162.8	263833.7	379.5	
S	5	1314482.6	263897.1	384.1	
S	6	1314478.0	263569.5	385.8	
S	7	1314464.8	263240.6	385.6	
S	8	1314542.0	262920.7	385.3	
S	9	1314616.1	262599.6	385.0	
S	10	1314754.3	262304.2	384.5	
S	11	1314850.3	262004.2	384.2	
S	12	1314856.9	261678.8	383.8	
S	13	1314894.2	261358.6	381.1	
S	14	1314980.8	261040.5	381.4	
S	15	1315068.4	260722.7	382.6	
S	16	1315154.7	260404.5	383.4	
S	17	1315242.1	260086.7	381.8	
S	18	1315448.4	259932.8	381.5	
S	19	1315772.8	259968.4	377.7	
S	20	1316097.8	260027.6	376.4	
S	21	1316422.3	260081.9	378.8	
S	22	1316687.4	260244.5	387.6	
S	23	1316987.0	260383.0	383.7	
S	24	1317276.1	260543.4	380.0	
S	25	1317547.3	260621.0	383.8	
S	26	1317807.3	260578.2	371.6	
S	27	1318122.7	260667.9	378.5	
S	28	1318433.8	260775.3	381.1	
S	29	1318669.5	260994.1	382.8	
S	30	1318987.2	261070.6	385.5	
S	31	1319277.3	261225.8	384.5	
S	32	1319536.7	261428.0	379.1	
S	33	1319820.7	261595.6	381.5	
S	34	1320141.9	261624.7	393.7	
S	35	1320290.7	261910.0	430.5	
S	36	1320607.9	261977.4	451.9	
S	37	1320759.0	262204.0	459.9	
S	38	1320818.8	262515.6	466.1	
S	39	1321067.0	262732.5	470.0	
S	40	1321314.9	262949.0	461.0	
S	41	1321558.9	263169.2	448.4	
S	42	1321844.8	263315.3	461.0	
S	43	1322166.3	263384.5	464.2	

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	44	1322435.5	263537.0	462.1	
S	45	1322762.6	263575.2	469.7	
S	46	1323089.7	263607.2	486.5	
S	47	1323418.0	263632.8	482.7	
S	48	1323747.1	263640.9	486.8	
S	49	1324060.8	263550.8	490.7	
S	50	1324364.2	263424.5	501.0	
S	51	1324672.2	263311.2	499.5	
S	52	1324941.3	263121.3	497.6	
S	53	1325197.7	262915.3	496.6	
S	54	1325412.8	262665.3	499.9	
S	55	1325634.5	262422.6	507.3	
S	56	1325954.7	262348.3	501.9	
S	57	1326283.7	262360.5	502.4	
S	58	1326606.6	262427.0	504.1	
S	59	1326931.1	262479.1	501.9	
S	60	1327230.8	262607.9	499.4	
S	61	1327460.0	262843.0	511.7	
S	62	1327690.6	263077.5	520.7	
S	63	1327988.6	263213.2	519.5	
S	64	1328313.6	263265.7	510.7	
S	65	1328638.8	263318.1	502.7	
S	66	1328963.9	263370.5	496.0	
S	67	1329289.1	263423.0	488.7	
S	68	1329614.3	263475.4	481.7	
S	69	1329939.5	263527.9	482.7	
S	70	1330264.7	263580.3	485.0	
S	71	1330589.9	263632.7	487.0	
S	72	1330915.2	263686.6	491.3	
S	73	1331241.1	263733.2	502.0	
S	74	1331569.6	263761.8	512.8	
S	75	1331898.6	263768.8	523.9	
S	76	1332227.5	263759.2	533.9	
S	77	1332555.9	263730.8	535.6	
S	78	1332883.7	263699.3	528.8	
S	79	1333211.8	263668.0	523.5	
S	80	1333540.7	263658.5	527.0	
S	81	1333865.2	263712.8	538.5	
S	82	1334166.9	263843.1	556.6	
S	83	1334432.8	264036.6	572.3	
S	84	1334669.4	264265.9	576.1	
S	85	1334906.0	264495.1	569.4	
S	86	1335158.3	264705.0	554.8	

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	87	1335464.5	264820.4	546.1	
S	88	1335792.6	264823.8	547.5	
S	89	1336118.0	264772.8	550.6	
S	90	1336443.8	264722.8	547.4	
S	91	1336769.1	264669.8	540.6	
S	92	1337094.9	264620.7	534.0	
S	93	1337421.2	264656.4	530.9	
S	94	1337717.0	264799.5	532.8	
S	95	1337945.4	265036.4	534.1	
S	96	1338098.5	265328.8	538.0	
S	97	1338246.2	265622.8	551.2	
S	98	1338447.7	265881.2	568.3	
S	99	1338729.5	266048.7	585.5	
S	100	1339050.6	266112.8	600.9	
S	101	1339379.3	266133.7	615.7	
S	102	1339707.9	266151.5	630.1	
S	103	1340036.9	266170.5	640.4	
S	104	1340365.9	266165.7	642.2	
S	105	1340685.5	266087.9	637.5	
S	106	1340996.1	265978.5	625.6	
S	107	1341306.9	265870.0	609.2	
S	108	1341617.6	265761.8	591.7	
S	109	1341939.4	265693.0	574.7	
S	110	1342268.0	265706.2	568.0	
S	111	1342589.7	265777.7	564.4	
S	112	1342909.1	265858.8	561.3	
S	113	1343228.9	265938.8	557.7	
S	114	1343548.0	266020.6	550.6	
S	115	1343868.2	266100.5	541.9	
S	116	1344188.1	266178.5	533.0	
S	117	1344515.2	266225.2	531.1	
S	118	1344844.6	266234.1	538.1	
S	119	1345172.8	266205.7	543.5	
S	120	1345496.0	266139.9	539.2	
S	121	1345809.1	266037.2	533.0	
S	122	1346108.2	265895.8	535.0	
S	123	1346397.1	265737.2	541.1	
S	124	1346686.0	265578.6	546.7	
S	125	1346974.9	265420.0	550.8	
S	126	1347263.8	265261.3	553.1	
S	127	1347552.8	265102.7	555.1	
S	128	1347841.7	264944.0	557.5	
S	129	1348130.6	264785.4	562.8	

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	130	1348419.5	264626.8	568.9	
S	131	1348735.9	264535.4	574.3	
S	132	1349061.7	264493.9	581.8	
S	133	1349390.1	264508.8	591.7	
S	134	1349710.5	264581.8	601.7	
S	135	1350021.2	264692.7	605.8	
S	136	1350329.8	264807.3	603.6	
S	137	1350639.2	264922.2	600.6	
S	138	1350867.6	264730.0	609.0	
S	139	1351072.4	264472.5	622.8	
S	140	1351303.6	264237.4	627.2	
S	141	1351555.1	264024.7	620.8	
S	142	1351824.9	263836.4	625.6	
S	143	1352125.6	263701.2	627.8	
S	144	1352434.7	263586.4	629.0	
S	145	1352745.5	263475.9	626.2	
S	146	1353054.2	263360.5	630.0	
S	147	1353375.5	263365.9	639.8	
S	148	1353691.0	263280.5	629.7	
S	149	1354019.3	263253.9	616.0	
S	150	1354344.2	263295.0	585.2	
S	151	1354660.9	263380.9	566.5	
S	152	1354969.2	263488.3	548.2	
S	153	1355291.7	263536.1	537.4	
S	154	1355610.6	263477.3	529.6	
S	155	1355935.4	263425.0	522.8	
S	156	1356261.3	263432.0	522.4	
S	157	1356583.4	263401.6	513.7	
S	158	1356910.1	263445.2	508.0	
S	159	1357201.3	263563.6	499.2	
S	160	1357380.5	263840.5	496.1	
S	161	1357603.8	264078.8	493.4	
S	162	1357798.0	264345.0	485.2	
S	163	1357969.4	264626.2	481.8	
S	164	1358095.5	264930.1	478.3	
S	165	1358133.6	265253.8	475.8	
S	166	1358083.1	265577.4	475.6	
S	167	1358169.7	265758.5	487.6	
S	168	1358497.8	265725.3	482.3	
S	169	1358816.9	265640.5	481.4	
S	170	1359128.9	265533.3	481.6	
S	171	1359439.7	265426.0	481.7	
S	172	1359752.5	265318.0	481.8	

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PAGE: 5

COORDINATE SYSTEM: TN. [4100]  
LINE: TN-4  
DATE: 03-27-1987  
FALSE EASTINGS: 2000000  
FALSE NORTHINGS: 0  
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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 173	1360066.0	265215.7	483.5	

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 PROJECTION: LAMBERT

COORDINATE SYSTEM: TN. [4100]  
 LINE: TN-4  
 DATE: 04-14-1987  
 FALSE EASTINGS: 2000000  
 FALSE NORTHINGS: 0  
 UNIT OF MEASURE: FEET

TIES:MAG(174-264) HOR.=1:1786 VERT.=-.91

TIES:MAG(265-393) HOR.=1:899 VERT.=-1.98

PLATES(394-459)HOR.=1:4450 VERT.=-.74 END TN. ZONE

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	174	1360388.3	265146.6	485.6	
S	175	1360717.7	265151.6	483.8	
S	176	1361044.9	265191.9	482.0	
S	177	1361371.2	265241.4	482.1	
S	178	1361697.3	265290.2	481.9	
S	179	1362023.7	265339.2	482.0	
S	180	1362350.1	265387.4	483.6	
S	181	1362677.1	265402.7	488.3	
S	182	1363002.0	265345.2	486.8	
S	183	1363325.0	265279.1	486.3	
S	184	1363647.7	265211.1	487.8	
S	185	1363970.7	265144.7	496.7	
S	186	1364293.2	265077.9	510.5	
S	187	1364615.8	265011.7	529.3	
S	188	1364937.8	264945.5	552.2	
S	189	1365262.6	264895.4	574.5	
S	190	1365590.2	264859.3	591.8	
S	191	1365918.0	264827.3	604.2	
S	192	1366246.0	264795.3	616.0	
S	193	1366573.8	264760.3	625.5	
S	194	1366896.5	264702.1	636.7	
S	195	1367213.1	264607.4	652.2	
S	196	1367523.8	264497.4	668.5	
S	197	1367833.7	264385.6	688.2	
S	198	1368139.0	264262.4	710.1	
S	199	1368364.1	264026.6	719.6	
S	200	1368535.4	263744.7	723.8	
S	201	1368783.4	263533.3	721.5	
S	202	1369095.0	263428.4	712.8	
S	203	1369418.6	263364.5	719.7	
S	204	1369743.6	263308.2	727.9	
S	205	1370067.3	263244.2	731.4	
S	206	1370382.7	263249.3	732.5	
S	207	1370583.6	263509.9	731.0	
S	208	1370749.7	263793.1	726.2	
S	209	1370818.1	264116.1	725.7	
S	210	1370886.5	264439.0	715.8	
S	211	1370952.4	264761.6	695.5	
S	212	1371047.6	265076.4	667.4	
S	213	1371156.6	265385.9	632.8	
S	214	1371268.8	265694.4	598.3	
S	215	1371409.9	265990.1	571.7	
S	216	1371646.4	266217.5	546.1	

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COORDINATE SYSTEM: TN. [4100]  
 LINE: TN-4  
 DATE: 04-14-1987  
 FALSE EASTINGS: 2000000  
 FALSE NORTHINGS: 0  
 UNIT OF MEASURE: FEET

TIES:MAG(174-264) HOR.=1:1786 VERT.=-.91  
 TIES:MAG(265-393) HOR.=1:899 VERT.=-1.98  
 PLATES(394-459)HOR.=1:4450 VERT.=-.74 END TN. ZONE

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	217	1371954.5	266329.1	527.8	
S	218	1372279.1	266387.1	533.7	
S	219	1372591.2	266490.9	546.6	
S	220	1372894.7	266617.7	570.0	
S	221	1373166.2	266797.0	594.9	
S	222	1373360.1	267064.6	607.6	
S	223	1373573.7	267313.6	595.3	
S	224	1373874.2	267436.5	563.8	
S	225	1374200.4	267477.9	540.0	
S	226	1374527.2	267521.0	530.5	
S	227	1374857.3	267526.4	530.4	
S	228	1375181.6	267465.2	519.0	
S	229	1375463.5	267294.5	515.7	
S	230	1375724.8	267093.4	516.4	
S	231	1375936.7	266843.0	518.3	
S	232	1376041.7	266531.4	529.6	
S	233	1376164.6	266226.0	536.8	
S	234	1376381.8	265987.5	544.7	
S	235	1376701.1	265913.1	556.5	
S	236	1377028.7	265882.2	571.5	
S	237	1377357.9	265865.5	565.3	
S	238	1377687.3	265855.0	557.1	
S	239	1378014.0	265824.0	530.1	
S	240	1378341.8	265786.3	523.1	
S	241	1378669.2	265748.6	522.4	
S	242	1378996.1	265704.7	521.9	
S	243	1379320.5	265646.4	524.7	
S	244	1379646.1	265594.1	522.9	
S	245	1379971.5	265542.0	517.4	
S	246	1380291.8	265476.5	515.7	
S	247	1380424.3	265199.9	517.0	
S	248	1380304.9	264893.1	519.6	
S	249	1380383.8	264576.1	519.6	
S	250	1380449.5	264253.2	520.2	
S	251	1380502.4	263928.0	522.2	
S	252	1380621.2	263621.7	525.9	
S	253	1380783.0	263335.2	522.1	
S	254	1381004.9	263091.7	521.3	
S	255	1381220.3	262844.6	523.3	
S	256	1381460.6	262619.7	523.3	
S	257	1381705.0	262398.4	524.0	
S	258	1381923.5	262151.4	527.1	
S	259	1382131.7	261895.5	530.3	

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PLATES(394-459)HOR.=1:4450 VERT.=-.74 END TN. ZONE

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	260	1382273.0	261600.0	528.4	
S	261	1382510.0	261413.1	530.4	
S	262	1382833.6	261467.5	539.6	
S	263	1382965.4	261206.1	549.4	
S	264	1383007.9	260879.2	556.7	
S	265	1383004.3	260551.1	577.9	
S	266	1383145.4	260264.7	609.6	
S	267	1383372.1	260026.7	624.2	
S	268	1383660.0	259872.5	651.9	
S	269	1383975.2	259789.8	677.5	
S	270	1384134.6	259508.6	703.1	
S	271	1384297.8	259227.1	707.8	
S	272	1384494.0	258963.6	721.9	
S	273	1384723.4	258726.2	733.2	
S	274	1384980.4	258520.1	729.0	
S	275	1385237.7	258315.3	723.1	
S	276	1385516.9	258140.2	724.6	
S	277	1385779.8	257939.9	725.9	
S	278	1386039.1	257737.3	732.9	
S	279	1386283.5	257516.8	729.0	
S	280	1386560.6	257337.1	733.6	
S	281	1386859.6	257199.6	745.2	
S	282	1387157.0	257058.0	747.7	
S	283	1387436.7	256884.2	751.5	
S	284	1387696.7	256682.3	756.9	
S	285	1387942.6	256463.6	757.4	
S	286	1388185.1	256238.1	758.3	
S	287	1388482.4	256102.4	754.1	
S	288	1388808.3	256053.4	753.2	
S	289	1389132.0	255991.8	751.6	
S	290	1389452.2	255913.0	749.8	
S	291	1389763.6	255799.2	750.8	
S	292	1390067.3	255671.9	748.6	
S	293	1390354.0	255510.5	745.9	
S	294	1390606.6	255299.6	742.8	
S	295	1390801.9	255040.6	747.8	
S	296	1391004.5	254788.0	753.9	
S	297	1391297.4	254630.9	755.4	
S	298	1391580.2	254462.9	759.3	
S	299	1391795.1	254216.0	768.6	
S	300	1392000.9	253958.3	768.5	
S	301	1392099.4	253651.6	772.3	
S	302	1392089.5	253323.4	783.1	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: 34.2300  
 ORIGIN, LONGITUDE: 86.0000  
 PROJECTION: LAMBERT

COORDINATE SYSTEM: TN. [4100]  
 LINE: TN-4  
 DATE: 04-14-1987  
 FALSE EASTINGS: 2000000  
 FALSE NORTHINGS: 0  
 UNIT OF MEASURE: FEET

TIES:MAG(174-264) HOR.=1:1786 VERT.=-.91  
 TIES:MAG(265-393) HOR.=1:899 VERT.=-1.98  
 PLATES(394-459)HOR.=1:4450 VERT.=-.74 END TN. ZONE

PAGE: 9

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	303	1392150.2	253011.6	787.9	
S	304	1392479.6	253005.2	777.3	
S	305	1392792.8	252904.9	773.0	
S	306	1393111.9	252824.5	782.7	
S	307	1393435.3	252781.4	790.6	
S	308	1393754.8	252861.2	790.3	
S	309	1394074.3	252939.6	788.1	
S	310	1394372.5	252831.3	788.2	
S	311	1394541.1	252548.7	792.6	
S	312	1394712.5	252267.6	806.7	
S	313	1394880.1	251983.3	803.4	
S	314	1395028.1	251688.7	801.1	
S	315	1395170.1	251391.0	802.7	
S	316	1395370.1	251137.3	800.7	
S	317	1395687.5	251224.9	802.2	
S	318	1395990.7	251354.4	808.3	
S	319	1396311.5	251429.6	808.5	
S	320	1396640.5	251443.8	800.6	
S	321	1396968.2	251408.3	788.4	
S	322	1397295.5	251366.6	783.3	
S	323	1397609.0	251264.9	783.7	
S	324	1397918.1	251150.2	780.9	
S	325	1398225.6	251031.9	784.2	
S	326	1398534.4	250916.3	788.0	
S	327	1398839.5	250792.0	788.0	
S	328	1399147.4	250673.6	791.0	
S	329	1399457.5	250562.9	801.4	
S	330	1399771.0	250461.3	814.6	
S	331	1400054.8	250292.5	817.1	
S	332	1400345.0	250133.3	824.5	
S	333	1400635.7	249978.3	835.5	
S	334	1400916.1	249813.1	831.0	
S	335	1400933.5	249482.6	830.3	
S	336	1400940.3	249153.2	820.1	
S	337	1400942.2	248824.1	835.9	
S	338	1400944.5	248494.6	838.6	
S	339	1400811.9	248197.8	823.0	
S	340	1400579.4	247964.2	819.0	
S	341	1400342.3	247735.2	810.2	
S	342	1400083.3	247531.4	804.2	
S	343	1399821.7	247330.9	801.8	
S	344	1399560.9	247129.6	806.9	
S	345	1399337.7	246891.2	808.3	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: 34.2300  
 ORIGIN, LONGITUDE: 86.0000  
 PROJECTION: LAMBERT

COORDINATE SYSTEM: TN. [4100]  
 LINE: TN-4  
 DATE: 04-14-1987  
 FALSE EASTINGS: 2000000  
 FALSE NORTHINGS: 0  
 UNIT OF MEASURE: FEET

TIES:MAG(174-264) HOR.=1:1786 VERT.=-.91  
 TIES:MAG(265-393) HOR.=1:899 VERT.=-1.98  
 PLATES(394-459)HOR.=1:4450 VERT.=-.74 END TN. ZONE

PAGE: 10

TY	ID	X(EASTING)	Y(NORTHING)	Z(ELEV.)	COMMENT:
S	346	1399233.9	246579.1	813.4	
S	347	1399129.6	246266.8	819.1	
S	348	1398965.0	245979.9	816.1	
S	349	1398814.6	245688.8	813.0	
S	350	1398764.3	245364.4	818.8	
S	351	1398637.5	245067.4	818.9	
S	352	1398404.6	244834.2	815.9	
S	353	1398331.8	244561.2	808.2	
S	354	1398406.8	244241.7	816.1	
S	355	1398628.0	244001.1	812.9	
S	356	1398880.3	243790.1	794.3	
S	357	1399129.1	243576.2	760.5	
S	358	1399422.3	243439.8	716.2	
S	359	1399740.9	243358.2	697.2	
S	360	1400040.7	243225.7	676.8	
S	361	1400329.2	243086.5	663.8	
S	362	1400422.8	242773.1	654.8	
S	363	1400464.6	242446.1	641.8	
S	364	1400444.5	242116.7	635.9	
S	365	1400487.4	241790.6	635.9	
S	366	1400561.5	241469.4	631.1	
S	367	1400617.5	241145.1	619.0	
S	368	1400730.1	240835.7	618.8	
S	369	1400829.7	240524.7	615.0	
S	370	1400868.8	240196.5	610.6	
S	371	1400997.9	239893.8	606.4	
S	372	1401131.2	239593.4	600.9	
S	373	1401271.9	239300.3	598.4	
S	374	1401355.3	238994.6	599.0	
S	375	1401544.8	238729.1	594.8	
S	376	1401726.1	238456.3	587.8	
S	377	1401908.2	238182.3	587.6	
S	378	1402102.9	237916.5	584.5	
S	379	1402356.7	237707.1	577.9	
S	380	1402612.8	237501.0	587.1	
S	381	1402803.2	237232.3	583.4	
S	382	1402964.4	236945.0	593.0	
S	383	1403155.9	236680.1	579.2	
S	384	1403379.7	236439.3	582.6	
S	385	1403655.8	236262.0	574.0	
S	386	1403862.9	236007.7	581.0	
S	387	1404084.9	235767.1	588.4	
S	388	1404307.8	235524.3	587.0	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: 34.2300  
 ORIGIN, LONGITUDE: 86.0000  
 PROJECTION: LAMBERT

COORDINATE SYSTEM: TN. [4100]  
 LINE: TN-4  
 DATE: 04-14-1987  
 FALSE EASTINGS: 2000000  
 FALSE NORTHINGS: 0  
 UNIT OF MEASURE: FEET

TIES:MAG(174-264) HOR.=1:1786 VERT.=-.91

TIES:MAG(265-393) HOR.=1:899 VERT.=-1.98

PLATES(394-459)HOR.=1:4450 VERT.=-.74 END TN. ZONE

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	389	1404522.0	235274.6	582.1	
S	390	1404626.9	234963.3	577.1	
S	391	1404498.3	234734.2	571.9	
S	392	1404172.8	234683.7	572.1	
S	393	1403868.7	234568.6	582.2	
S	394	1404087.6	234381.5	584.6	
S	395	1404357.3	234193.3	577.5	
S	396	1404600.0	233970.0	570.5	
S	397	1404840.6	233744.7	561.8	
S	398	1405081.3	233519.1	550.9	
S	399	1405322.2	233294.3	541.4	
S	400	1405563.2	233068.7	535.5	
S	401	1405804.6	232844.7	534.7	
S	402	1406044.2	232618.3	535.6	
S	403	1406295.2	232404.2	537.5	
S	404	1406571.9	232226.6	545.3	
S	405	1406873.1	232094.4	557.7	
S	406	1407186.6	231997.7	577.0	
S	407	1407508.7	231932.2	596.1	
S	408	1407833.2	231878.3	607.9	
S	409	1408158.0	231912.8	625.9	
S	410	1408456.3	232046.4	644.4	
S	411	1408720.6	232242.4	657.8	
S	412	1408985.2	232436.8	677.2	
S	413	1409249.7	232631.2	700.7	
S	414	1409520.7	232815.5	723.4	
S	415	1409832.1	232910.5	741.4	
S	416	1410156.8	232878.2	753.7	
S	417	1410440.4	232716.9	767.8	
S	418	1410682.8	232495.9	797.6	
S	419	1410928.1	232275.9	802.9	
S	420	1411170.9	232052.8	798.1	
S	421	1411434.6	231856.7	808.5	
S	422	1411745.3	231752.0	813.0	
S	423	1412072.4	231759.4	814.7	
S	424	1412378.8	231875.6	813.6	
S	425	1412658.1	232050.3	809.5	
S	426	1412936.8	232225.7	814.6	
S	427	1413215.2	232401.8	821.6	
S	428	1413493.6	232578.4	817.9	
S	429	1413781.3	232737.9	811.7	
S	430	1414093.3	232843.7	815.7	
S	431	1414419.1	232893.2	820.9	

CLIENT: CORNELL UNIV.  
PROSPECT: TN. AREA  
SURVEYOR: MICHAEL LEE  
ORIGIN, LATITUDE: 34.2300  
ORIGIN, LONGITUDE: 86.0000  
PROJECTION: LAMBERT

COORDINATE SYSTEM: TN. [4100]  
LINE: TN-4  
DATE: 04-14-1987  
FALSE EASTINGS: 2000000  
FALSE NORTHINGS: 0  
UNIT OF MEASURE: FEET

TIES:MAG(174-264) HOR.=1:1786 VERT.=-.91

TIES:MAG(265-393) HOR.=1:899 VERT.=-1.98

PLATES(394-459)HOR.=1:4450 VERT.=-.74 END TN. ZONE

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	432	1414748.1	232909.0	823.4	
S	433	1415077.6	232920.2	820.1	
S	434	1415407.1	232929.6	830.2	
S	435	1415736.4	232939.0	843.3	
S	436	1416066.1	232934.9	846.5	
S	437	1416387.2	232875.4	848.8	
S	438	1416698.2	232757.6	849.8	
S	439	1416984.6	232593.5	846.0	
S	440	1417250.8	232399.0	840.5	
S	441	1417514.4	232200.9	840.3	
S	442	1417780.4	232005.9	849.8	
S	443	1418045.0	231809.3	860.0	
S	444	1418310.2	231613.2	862.6	
S	445	1418574.2	231415.7	857.6	
S	446	1418837.5	231217.1	864.7	
S	447	1419103.9	231022.8	859.9	
S	448	1419369.5	230828.7	843.2	
S	449	1419638.9	230638.6	843.6	
S	450	1419927.0	230479.0	848.6	
S	451	1420231.3	230352.3	847.1	
S	452	1420540.7	230237.5	845.1	
S	453	1420849.7	230122.8	850.0	
S	454	1421158.8	230008.1	855.2	
S	455	1421468.1	229893.3	850.8	
S	456	1421776.9	229778.7	863.7	
S	457	1422086.0	229664.0	873.7	
S	458	1422395.4	229549.7	877.2	
S	459	1422685.7	229396.1	866.8	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES: PLATES (460-618) HOR.=1:7724 VERT.=+.31  
 TIES: PLATES (619-747) HOR.=1:1709 VERT.=-1.1  
 ENTER AL. ZONE @ STA.460  
 PAGE: 13

COORDINATE SYSTEM: AL. [102]  
 LINE: TN-4  
 DATE: 04-14-1987  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	460	372126.8	1821379.2	864.5	
S	461	372269.9	1821082.3	857.3	
S	462	372407.6	1820782.5	849.9	
S	463	372539.2	1820479.9	849.2	
S	464	372606.9	1820157.7	854.3	
S	465	372583.4	1819829.0	864.0	
S	466	372538.8	1819503.4	880.5	
S	467	372494.9	1819176.2	882.4	
S	468	372463.4	1818848.1	881.5	
S	469	372451.0	1818518.5	879.1	
S	470	372459.9	1818189.4	880.0	
S	471	372585.1	1817884.0	878.4	
S	472	372789.4	1817628.1	878.7	
S	473	372999.1	1817374.0	881.6	
S	474	373244.5	1817156.1	878.1	
S	475	373547.4	1817030.6	873.9	
S	476	373868.9	1816956.4	874.2	
S	477	374192.3	1816893.5	871.8	
S	478	374516.0	1816830.6	872.8	
S	479	374839.5	1816767.7	877.0	
S	480	375163.0	1816704.7	862.8	
S	481	375486.9	1816641.7	860.1	
S	482	375809.8	1816579.0	870.3	
S	483	376130.3	1816500.3	873.9	
S	484	376446.6	1816408.5	875.5	
S	485	376760.2	1816307.2	883.3	
S	486	377053.1	1816157.8	885.0	
S	487	377283.6	1815923.1	881.3	
S	488	377495.9	1815671.0	888.3	
S	489	377709.4	1815420.0	895.9	
S	490	377926.3	1815171.5	893.9	
S	491	378151.5	1814930.9	892.4	
S	492	378389.6	1814702.9	890.4	
S	493	378631.1	1814478.3	883.3	
S	494	378870.9	1814252.2	873.0	
S	495	379110.6	1814026.1	865.2	
S	496	379350.7	1813800.1	863.8	
S	497	379600.5	1813585.7	859.8	
S	498	379883.4	1813416.8	864.6	
S	499	380167.1	1813249.9	858.7	
S	500	380424.7	1813045.0	848.8	
S	501	380675.0	1812830.4	846.7	
S	502	380905.2	1812637.3	838.9	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES:PLATES(460-618) HOR.=1:7724 VERT.=+.31  
 TIES:PLATES(619-747) HOR.=1:1709 VERT.=-1.1  
 ENTER AL. ZONE @ STA.460  
 PAGE: 14

COORDINATE SYSTEM: AL. [102]  
 LINE: TN-4  
 DATE: 04-14-1987  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	503	381140.3	1812843.3	829.4	
S	504	381468.8	1812858.2	831.5	
S	505	381785.3	1812766.6	823.3	
S	506	382094.8	1812653.8	837.0	
S	507	382407.1	1812551.1	853.3	
S	508	382734.2	1812516.9	857.1	
S	509	383063.7	1812505.8	853.9	
S	510	383374.9	1812407.7	849.4	
S	511	383596.9	1812165.4	850.9	
S	512	383789.3	1811897.8	851.7	
S	513	384020.3	1811667.9	849.1	
S	514	384345.4	1811649.2	850.7	
S	515	384674.3	1811671.6	842.6	
S	516	384997.9	1811622.5	837.0	
S	517	385273.4	1811441.8	833.5	
S	518	385474.4	1811183.4	831.1	
S	519	385604.2	1810880.9	828.1	
S	520	385789.3	1810609.0	814.9	
S	521	385979.3	1810340.0	804.9	
S	522	386167.2	1810069.3	798.2	
S	523	386354.4	1809798.1	789.5	
S	524	386523.5	1809515.3	782.2	
S	525	386652.1	1809212.0	780.9	
S	526	386795.5	1808915.6	784.0	
S	527	387002.4	1808659.7	776.9	
S	528	387217.0	1808410.1	766.3	
S	529	387454.6	1808182.7	756.1	
S	530	387721.5	1807989.8	750.1	
S	531	388000.7	1807814.5	742.8	
S	532	388278.6	1807637.5	738.1	
S	533	388567.6	1807480.8	730.8	
S	534	388878.5	1807371.7	727.7	
S	535	389197.5	1807289.8	728.7	
S	536	389520.2	1807223.9	739.1	
S	537	389843.3	1807163.3	757.3	
S	538	390167.5	1807111.1	779.8	
S	539	390494.0	1807077.7	759.0	
S	540	390822.6	1807049.7	757.0	
S	541	391151.5	1807027.4	775.5	
S	542	391471.5	1806958.3	796.6	
S	543	391766.5	1806811.1	802.5	
S	544	392062.3	1806666.5	798.1	
S	545	392355.9	1806516.6	797.5	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR

COORDINATE SYSTEM: AL. [102]  
 LINE: TN-4  
 DATE: 04-14-1987  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

TIES: PLATES (460-618) HOR.=1:7724 VERT.=+.31

TIES: PLATES (619-747) HOR.=1:1709 VERT.=-1.1

ENTER AL. ZONE @ STA.460

PAGE: 15

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	546	392653.7	1806375.5	793.2	
S	547	392949.9	1806231.4	780.4	
S	548	393246.3	1806087.2	775.1	
S	549	393527.5	1805915.8	776.4	
S	550	393778.9	1805702.5	771.0	
S	551	394019.3	1805476.7	766.8	
S	552	394258.1	1805249.5	761.0	
S	553	394499.1	1805024.4	767.2	
S	554	394675.9	1804747.8	770.2	
S	555	394859.9	1804477.9	776.1	
S	556	395157.2	1804344.0	770.8	
S	557	395485.6	1804329.4	762.7	
S	558	395811.8	1804290.2	758.6	
S	559	396116.7	1804164.3	755.7	
S	560	396408.9	1804011.5	754.7	
S	561	396697.2	1803851.8	759.9	
S	562	396984.6	1803690.8	753.8	
S	563	397266.3	1803521.7	734.4	
S	564	397534.6	1803331.0	723.8	
S	565	397788.1	1803120.2	720.9	
S	566	398038.5	1802906.5	709.0	
S	567	398293.4	1802697.7	699.7	
S	568	398578.3	1802533.9	691.3	
S	569	398897.9	1802459.7	685.7	
S	570	399219.7	1802388.2	679.1	
S	571	399534.2	1802289.7	673.6	
S	572	399836.8	1802159.6	667.5	
S	573	400111.3	1801978.2	657.9	
S	574	400378.9	1801785.7	650.4	
S	575	400643.7	1801589.2	647.2	
S	576	400930.2	1801428.2	644.6	
S	577	401231.0	1801293.7	643.2	
S	578	401529.0	1801152.3	644.4	
S	579	401818.0	1800994.5	645.6	
S	580	402102.4	1800828.2	649.0	
S	581	402394.1	1800674.4	647.8	
S	582	402677.7	1800507.1	642.5	
S	583	402957.5	1800332.4	640.7	
S	584	403235.1	1800154.7	642.7	
S	585	403509.5	1799972.0	642.0	
S	586	403782.1	1799786.6	640.4	
S	587	404043.4	1799585.9	639.4	
S	588	404297.5	1799376.0	637.4	





CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES:PLATES(460-618) HOR.=1:7724 VERT.=+.31  
 TIES:PLATES(619-747) HOR.=1:1709 VERT.=-1.1  
 ENTER AL. ZONE @ STA.460  
 PAGE: 18

COORDINATE SYSTEM: AL. [102]  
 LINE: TN-4  
 DATE: 04-14-1987  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 675	427673.1	1798721.7	609.1	
S 676	427997.2	1798658.2	612.4	
S 677	428318.0	1798581.6	619.5	
S 678	428641.5	1798584.6	624.9	
S 679	428943.9	1798715.6	629.0	
S 680	429241.7	1798855.4	644.8	
S 681	429536.8	1799000.5	661.2	
S 682	429830.9	1799149.3	667.9	
S 683	430146.8	1799245.8	670.9	
S 684	430466.5	1799326.3	669.7	
S 685	430786.5	1799405.5	668.3	
S 686	431106.8	1799483.5	675.7	
S 687	431423.7	1799573.1	683.2	
S 688	431731.8	1799690.3	682.8	
S 689	432041.3	1799807.6	684.4	
S 690	432348.3	1799927.6	676.1	
S 691	432654.9	1800047.5	671.1	
S 692	432962.3	1800167.7	678.9	
S 693	433267.9	1800292.1	684.1	
S 694	433570.5	1800422.5	688.1	
S 695	433872.4	1800555.7	690.0	
S 696	434173.9	1800688.7	688.9	
S 697	434475.3	1800822.5	686.7	
S 698	434777.6	1800953.8	691.3	
S 699	435084.0	1801074.9	695.2	
S 700	435414.0	1801097.4	688.5	
S 701	435743.6	1801080.7	691.4	
S 702	436072.9	1801066.9	689.4	
S 703	436401.7	1801074.2	682.1	
S 704	436726.8	1801135.4	671.4	
S 705	437048.2	1801207.1	665.4	
S 706	437370.1	1801278.8	666.8	
S 707	437692.1	1801350.6	673.7	
S 708	438007.7	1801443.3	688.1	
S 709	438318.8	1801552.2	689.4	
S 710	438644.7	1801605.7	676.4	
S 711	438962.3	1801540.1	663.5	
S 712	439242.1	1801365.4	658.2	
S 713	439521.4	1801189.9	664.0	
S 714	439804.4	1801021.9	673.2	
S 715	440095.8	1800867.9	679.1	
S 716	440390.9	1800721.5	685.4	
S 717	440707.1	1800732.7	671.7	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES:PLATES(460-618) HOR.=1:7724 VERT.=+.31  
 TIES:PLATES(619-747) HOR.=1:1709 VERT.=-1.1  
 ENTER AL. ZONE @ STA.460  
 PAGE: 19

COORDINATE SYSTEM: AL. [102]  
 LINE: TN-4  
 DATE: 04-14-1987  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	718	441012.9	1800822.9	632.4	
S	719	441326.1	1800739.3	597.9	
S	720	441617.5	1800586.6	583.7	
S	721	441882.2	1800683.0	587.3	
S	722	442037.5	1800961.0	584.4	
S	723	442358.3	1801033.4	590.4	
S	724	442682.8	1800983.3	609.4	
S	725	443004.5	1800917.7	631.8	
S	726	443326.7	1800909.3	653.2	
S	727	443630.8	1801034.9	668.5	
S	728	443951.2	1801106.0	693.1	
S	729	444280.1	1801102.0	703.3	
S	730	444591.7	1801180.8	705.4	
S	731	444863.9	1801367.7	703.3	
S	732	445134.9	1801555.1	705.2	
S	733	445378.6	1801775.3	712.0	
S	734	445632.4	1801972.9	709.8	
S	735	445925.1	1801827.8	714.9	
S	736	446196.0	1801640.2	720.6	
S	737	446468.1	1801454.2	725.7	
S	738	446764.2	1801316.3	713.9	
S	739	447086.1	1801352.9	705.9	
S	740	447374.6	1801510.7	716.7	
S	741	447673.8	1801649.4	725.9	
S	742	447976.8	1801781.6	731.3	
S	743	448292.5	1801876.8	727.3	
S	744	448610.4	1801962.3	721.9	
S	745	448934.2	1802018.7	718.6	
S	746	449264.6	1802020.1	716.3	
S	747	449380.5	1802248.6	711.4	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR

COORDINATE SYSTEM: AL [102]  
 LINE: TN-4  
 DATE: 04-15-1986  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

TIES: (747-908) V=+.61 H=3729/// (909-1059) V=-.93 H=1707  
 TIES: (1060-1156) V=-.50 H=1470/// (1157-1309) V=-1.16 H=1391

PAGE: 20

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	748	449481.4	1802507.8	710.2	
S	749	449810.7	1802497.8	707.9	
S	750	450140.3	1802490.6	707.3	
S	751	450435.7	1802353.9	686.4	
S	752	450691.9	1802147.6	667.3	
S	753	450946.1	1801939.6	681.3	
S	754	451255.2	1801852.4	711.2	
S	755	451584.6	1801853.7	720.0	
S	756	451914.1	1801854.5	713.3	
S	757	452243.0	1801848.7	726.8	
S	758	452572.4	1801844.2	743.7	
S	759	452902.4	1801840.7	744.4	
S	760	453232.0	1801837.7	740.9	
S	761	453561.6	1801829.9	740.5	
S	762	453845.0	1801681.1	741.8	
S	763	454080.4	1801450.7	735.7	
S	764	454346.5	1801257.2	728.0	
S	765	454624.9	1801081.3	716.7	
S	766	454911.4	1800920.4	695.7	
S	767	455208.6	1800782.0	664.5	
S	768	455504.5	1800642.6	635.0	
S	769	455614.9	1800908.9	627.6	
S	770	455596.1	1801237.0	639.0	
S	771	455692.4	1801546.4	633.6	
S	772	455940.7	1801759.0	626.0	
S	773	456090.1	1802051.4	631.8	
S	774	456203.0	1802360.8	634.3	
S	775	456318.2	1802669.6	637.9	
S	776	456372.7	1802989.2	640.0	
S	777	456304.9	1803307.8	644.7	
S	778	456159.3	1803602.0	649.6	
S	779	456027.4	1803903.8	655.2	
S	780	456017.2	1804191.4	664.8	
S	781	456344.5	1804231.1	668.4	
S	782	456618.6	1804401.6	664.0	
S	783	456860.3	1804625.6	660.8	
S	784	457023.6	1804906.6	667.3	
S	785	457141.1	1805213.5	673.1	
S	786	457263.1	1805519.5	686.0	
S	787	457527.7	1805692.7	696.7	
S	788	457850.2	1805757.3	715.6	
S	789	458179.2	1805768.0	735.3	
S	790	458508.6	1805770.0	746.9	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES: (747-908) V=+.61 H=3729///(909-1059)V=-.93 H=1707  
 TIES: (1060-1156)V=-.50 H=1470///(1157-1309) V=-1.16 H=1391

COORDINATE SYSTEM: AL [102]  
 LINE: TN-4  
 DATE: 04-15-1986  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

PAGE: 21

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	791	458838.1	1805771.3	747.1	
S	792	459158.0	1805837.9	746.2	
S	793	459456.3	1805977.2	745.2	
S	794	459750.0	1806126.8	742.1	
S	795	460043.8	1806276.4	749.7	
S	796	460337.5	1806426.0	750.9	
S	797	460629.8	1806578.3	739.7	
S	798	460922.7	1806729.3	733.6	
S	799	461214.2	1806880.7	744.1	
S	800	461507.5	1807031.4	743.4	
S	801	461820.3	1807132.5	743.8	
S	802	462140.0	1807210.4	736.9	
S	803	462468.6	1807226.2	739.2	
S	804	462798.2	1807222.6	734.0	
S	805	463127.7	1807219.1	732.2	
S	806	463457.3	1807215.6	735.6	
S	807	463786.9	1807213.6	744.5	
S	808	464116.4	1807205.9	751.8	
S	809	464429.3	1807112.8	736.6	
S	810	464692.5	1806915.0	740.1	
S	811	464938.3	1806696.2	726.6	
S	812	465184.6	1806477.4	718.0	
S	813	465432.1	1806259.5	719.5	
S	814	465682.2	1806044.9	724.4	
S	815	465957.6	1805865.3	722.1	
S	816	466245.5	1805704.6	716.6	
S	817	466472.0	1805473.5	713.3	
S	818	466556.3	1805155.3	717.4	
S	819	466622.3	1804832.3	719.0	
S	820	466659.1	1804504.9	719.9	
S	821	466612.9	1804178.4	718.8	
S	822	466606.9	1803849.5	711.7	
S	823	466769.2	1803563.3	704.5	
S	824	466957.9	1803293.2	705.9	
S	825	467108.8	1803001.8	710.7	
S	826	467175.8	1802678.8	712.1	
S	827	467244.2	1802356.6	706.1	
S	828	467480.7	1802142.9	699.7	
S	829	467802.1	1802077.3	692.0	
S	830	468113.2	1802169.9	682.1	
S	831	468400.9	1802330.0	677.4	
S	832	468695.8	1802473.7	682.5	
S	833	469014.0	1802394.3	681.7	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR

COORDINATE SYSTEM: AL [102]  
 LINE: TN-4  
 DATE: 04-15-1986  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

TIES: (747-908) V=+.61 H=3729///(909-1059)V=-.93 H=1707  
 TIES: (1060-1156)V=-.50 H=1470///(1157-1309) V=-1.16 H=1391

PAGE: 22

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	834	469239.5	1802159.2	679.5	
S	835	469420.9	1801885.0	671.9	
S	836	469696.0	1801716.7	659.9	
S	837	470011.1	1801622.0	642.5	
S	838	470334.1	1801563.2	618.6	
S	839	470660.6	1801530.8	587.7	
S	840	470981.5	1801581.0	551.5	
S	841	471298.3	1801669.1	532.1	
S	842	471611.1	1801771.4	527.8	
S	843	471894.1	1801939.5	529.5	
S	844	472171.4	1802117.6	529.5	
S	845	472449.3	1802295.8	521.0	
S	846	472725.6	1802475.3	520.1	
S	847	473004.9	1802650.9	525.1	
S	848	473281.6	1802827.9	532.8	
S	849	473559.0	1803006.2	536.1	
S	850	473841.0	1803176.1	533.3	
S	851	474141.0	1803056.0	535.5	
S	852	474417.1	1802876.2	547.8	
S	853	474696.0	1802701.2	554.7	
S	854	475016.5	1802653.7	547.1	
S	855	475331.8	1802735.7	542.3	
S	856	475570.6	1802960.7	542.4	
S	857	475747.1	1803237.8	545.0	
S	858	475968.2	1803477.3	549.9	
S	859	476267.0	1803616.7	553.0	
S	860	476567.1	1803753.5	555.0	
S	861	476865.1	1803894.3	557.2	
S	862	477163.9	1804033.3	559.9	
S	863	477462.7	1804172.5	560.7	
S	864	477749.1	1804333.5	563.2	
S	865	477980.9	1804566.0	566.4	
S	866	478080.5	1804878.7	571.9	
S	867	478164.9	1805197.5	581.2	
S	868	478248.5	1805515.0	603.5	
S	869	478574.5	1805528.0	604.5	
S	870	478894.4	1805607.9	595.5	
S	871	479219.2	1805602.0	591.6	
S	872	479490.1	1805415.5	582.5	
S	873	479810.8	1805341.2	581.9	
S	874	480132.4	1805267.5	582.7	
S	875	480454.0	1805199.1	580.6	
S	876	480782.9	1805191.2	580.7	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR

COORDINATE SYSTEM: AL [102]  
 LINE: TN-4  
 DATE: 04-15-1986  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

TIES: (747-908) V=+.61 H=3729///(909-1059) V=-.93 H=1707  
 TIES: (1060-1156) V=-.50 H=1470///(1157-1309) V=-1.16 H=1391

PAGE: 23

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	877	481109.5	1805219.2	582.7	
S	878	481425.7	1805311.1	584.8	
S	879	481748.2	1805377.8	588.7	
S	880	482076.6	1805350.9	590.5	
S	881	482405.4	1805331.2	601.2	
S	882	482731.1	1805294.4	600.9	
S	883	483038.7	1805179.6	605.3	
S	884	483366.0	1805139.6	608.7	
S	885	483692.2	1805178.8	610.0	
S	886	484018.1	1805231.4	611.5	
S	887	484325.7	1805311.9	612.3	
S	888	484601.6	1805158.3	622.0	
S	889	484929.8	1805189.8	619.8	
S	890	485259.3	1805188.9	618.6	
S	891	485588.5	1805170.0	618.9	
S	892	485917.4	1805147.6	623.9	
S	893	486242.9	1805172.3	642.9	
S	894	486564.5	1805228.2	652.7	
S	895	486858.7	1805101.7	634.8	
S	896	486980.6	1804795.9	644.0	
S	897	487190.2	1804561.2	667.6	
S	898	487509.1	1804627.7	694.7	
S	899	487825.6	1804712.4	724.8	
S	900	488081.8	1804913.6	744.2	
S	901	488327.4	1805132.4	761.9	
S	902	488642.9	1805222.0	772.6	
S	903	488968.3	1805276.0	765.4	
S	904	489296.8	1805301.5	769.6	
S	905	489626.0	1805283.4	776.7	
S	906	489952.1	1805235.6	774.7	
S	907	490280.4	1805234.3	770.5	
S	908	490599.1	1805314.9	770.7	
S	909	490895.1	1805456.7	774.7	
S	910	491199.6	1805583.1	769.9	
S	911	491489.0	1805737.6	767.1	
S	912	491720.9	1805969.2	764.8	
S	913	491878.4	1806258.4	763.3	
S	914	492029.3	1806551.5	762.9	
S	915	492183.0	1806843.1	761.9	
S	916	492397.2	1807093.0	763.2	
S	917	492630.5	1807325.2	764.9	
S	918	492862.8	1807558.9	764.9	
S	919	493106.9	1807780.8	766.5	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES: (747-908) V=+.61 H=3729///(909-1059)V=-.93 H=1707  
 TIES: (1060-1156)V=-.50 H=1470////(1157-1309) V=-1.16 H=1391

COORDINATE SYSTEM: AL [102]  
 LINE: TN-4  
 DATE: 04-15-1986  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

PAGE: 24

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	920	493308.2	1808012.8	772.6	
S	921	493560.1	1808161.3	768.8	
S	922	493889.9	1808161.4	766.1	
S	923	494219.5	1808157.7	763.4	
S	924	494549.3	1808158.5	761.3	
S	925	494878.8	1808156.2	760.6	
S	926	495208.4	1808151.5	754.8	
S	927	495538.4	1808145.0	744.9	
S	928	495705.9	1808408.0	745.2	
S	929	495863.9	1808696.9	757.8	
S	930	496021.9	1808986.0	764.6	
S	931	496176.9	1809277.0	762.1	
S	932	496317.3	1809575.1	755.3	
S	933	496457.8	1809873.4	751.7	
S	934	496598.3	1810171.6	749.6	
S	935	496738.7	1810469.7	750.1	
S	936	496879.2	1810768.0	754.2	
S	937	497019.5	1811066.4	761.6	
S	938	497153.4	1811367.5	764.6	
S	939	497278.6	1811672.5	764.9	
S	940	497400.7	1811978.7	764.4	
S	941	497626.3	1812131.8	764.3	
S	942	497955.9	1812125.1	763.4	
S	943	498285.5	1812118.4	763.8	
S	944	498615.1	1812110.1	766.6	
S	945	498941.7	1812066.5	772.9	
S	946	499258.0	1811973.5	774.0	
S	947	499558.6	1811840.7	774.4	
S	948	499862.1	1811712.6	774.3	
S	949	500178.2	1811619.7	774.1	
S	950	500502.5	1811562.2	774.6	
S	951	500828.1	1811510.7	778.7	
S	952	501154.0	1811460.9	780.9	
S	953	501479.5	1811409.9	789.7	
S	954	501806.8	1811370.7	791.7	
S	955	502134.0	1811350.3	782.6	
S	956	502463.3	1811332.7	774.6	
S	957	502792.5	1811338.1	770.7	
S	958	503119.6	1811378.0	770.3	
S	959	503441.3	1811450.2	770.7	
S	960	503760.6	1811532.5	767.0	
S	961	504080.1	1811614.4	760.4	
S	962	504406.1	1811639.1	760.6	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES: (747-908) V=+.61 H=3729/// (909-1059) V=-.93 H=1707  
 TIES: (1060-1156) V=-.50 H=1470//// (1157-1309) V=-1.16 H=1391

COORDINATE SYSTEM: AL [102]  
 LINE: TN-4  
 DATE: 04-15-1986  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

PAGE: 25

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	963	504722.4	1811550.3	764.0	
S	964	505011.7	1811391.7	763.8	
S	965	505304.9	1811241.5	759.1	
S	966	505613.4	1811125.9	754.2	
S	967	505922.7	1811013.0	754.7	
S	968	506237.2	1810913.0	749.8	
S	969	506522.8	1810747.8	750.8	
S	970	506840.5	1810674.0	730.2	
S	971	507165.8	1810618.8	716.7	
S	972	507487.4	1810553.3	743.5	
S	973	507805.9	1810621.3	734.0	
S	974	508112.2	1810742.6	744.0	
S	975	508402.6	1810893.7	754.9	
S	976	508709.2	1810983.7	728.1	
S	977	509018.7	1810876.4	697.3	
S	978	509340.6	1810851.2	673.0	
S	979	509660.7	1810928.0	662.9	
S	980	509981.4	1811005.0	655.5	
S	981	510301.8	1811081.9	642.9	
S	982	510627.0	1811116.7	632.0	
S	983	510955.3	1811091.0	624.0	
S	984	511284.8	1811099.4	622.2	
S	985	511614.5	1811098.9	619.3	
S	986	511939.7	1811043.5	621.9	
S	987	512251.4	1811056.6	628.3	
S	988	512491.2	1811282.5	639.3	
S	989	512787.2	1811421.4	649.0	
S	990	513113.9	1811419.1	659.0	
S	991	513407.8	1811275.8	674.2	
S	992	513695.4	1811122.9	705.4	
S	993	513975.1	1811258.2	727.4	
S	994	514189.2	1811508.9	740.8	
S	995	514484.2	1811611.6	729.8	
S	996	514810.4	1811613.8	704.5	
S	997	515135.0	1811677.4	711.0	
S	998	515461.6	1811699.1	726.9	
S	999	515780.4	1811616.1	719.7	
S	1000	516101.4	1811543.5	689.6	
S	1001	516426.9	1811516.2	710.3	
S	1002	516750.6	1811562.1	749.6	
S	1003	517062.3	1811666.2	771.6	
S	1004	517362.4	1811802.8	771.9	
S	1005	517635.2	1811666.8	768.7	

CLIENT: CORNELL UNIV.

COORDINATE SYSTEM: AL [102]

PROSPECT: TN. AREA

LINE: TN-4

SURVEYOR: MICHAEL LEE

DATE: 04-15-1986

ORIGIN, LATITUDE: N/A

FALSE EASTINGS: 500000

ORIGIN, LONGITUDE: 87.3000

FALSE NORTHINGS: 500000

PROJECTION: TRANSVERSE MERCATOR

UNIT OF MEASURE: FEET

TIES: (747-908) V=+.61 H=3729///(909-1059) V=-.93 H=1707

TIES: (1060-1156) V=-.50 H=1470///(1157-1309) V=-1.16 H=1391

PAGE: 26

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1006	517830.9	1811401.6	767.8	
S 1007	518095.3	1811217.4	761.4	
S 1008	518384.7	1811350.2	740.5	
S 1009	518680.7	1811489.0	714.6	
S 1010	519007.9	1811517.4	686.5	
S 1011	519312.7	1811627.8	659.2	
S 1012	519601.2	1811784.3	630.2	
S 1013	519920.5	1811862.3	619.2	
S 1014	520248.3	1811895.5	621.2	
S 1015	520562.7	1811808.2	626.8	
S 1016	520838.3	1811626.7	623.8	
S 1017	521115.3	1811448.2	624.6	
S 1018	521316.7	1811191.1	638.5	
S 1019	521614.5	1811273.8	668.0	
S 1020	521866.3	1811484.1	693.8	
S 1021	522179.3	1811578.8	724.5	
S 1022	522497.2	1811520.6	749.4	
S 1023	522808.6	1811419.7	746.6	
S 1024	523138.0	1811416.9	736.6	
S 1025	523466.2	1811393.4	741.8	
S 1026	523789.2	1811450.0	740.8	
S 1027	524074.6	1811607.1	752.2	
S 1028	524210.9	1811904.1	761.4	
S 1029	524501.1	1812050.7	755.7	
S 1030	524822.7	1811998.0	720.4	
S 1031	525141.5	1811919.2	696.3	
S 1032	525464.1	1811850.7	691.9	
S 1033	525788.3	1811800.4	700.0	
S 1034	526085.4	1811931.6	704.8	
S 1035	526352.9	1812115.7	712.9	
S 1036	526679.7	1812156.6	722.6	
S 1037	527007.5	1812144.1	733.6	
S 1038	527333.1	1812096.1	744.8	
S 1039	527658.1	1812045.3	756.7	
S 1040	527984.5	1811999.3	745.0	
S 1041	528308.1	1811946.5	710.0	
S 1042	528602.9	1811818.4	693.3	
S 1043	528809.9	1811561.6	685.7	
S 1044	529020.4	1811308.3	669.8	
S 1045	529281.0	1811123.5	661.8	
S 1046	529509.3	1811347.9	662.7	
S 1047	529668.7	1811635.5	664.4	
S 1048	529865.2	1811899.6	671.7	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES: (747-908) V=+.61 H=3729///(909-1059)V=-.93 H=1707  
 TIES: (1060-1156)V=-.50 H=1470///(1157-1309) V=-1.16 H=1391

COORDINATE SYSTEM: AL [102]  
 LINE: TN-4  
 DATE: 04-15-1986  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

PAGE: 27

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1049	530073.3	1812155.0	682.0	
S 1050	530350.8	1812326.3	722.7	
S 1051	530648.7	1812267.6	758.1	
S 1052	530951.3	1812153.4	754.2	
S 1053	531279.5	1812127.1	747.3	
S 1054	531606.7	1812088.8	742.0	
S 1055	531936.1	1812082.1	739.8	
S 1056	532263.5	1812099.5	751.1	
S 1057	532592.6	1812119.6	763.1	
S 1058	532921.3	1812139.6	772.6	
S 1059	533249.6	1812170.3	777.0	
S 1060	533463.0	1812025.0	769.8	
S 1061	533457.8	1811695.4	765.0	
S 1062	533452.3	1811365.7	762.4	
S 1063	533447.9	1811036.0	761.3	
S 1064	533442.9	1810706.4	753.2	
S 1065	533442.8	1810376.8	750.5	
S 1066	533692.6	1810229.8	754.5	
S 1067	534020.6	1810199.0	758.5	
S 1068	534349.2	1810170.9	767.4	
S 1069	534679.2	1810142.3	770.0	
S 1070	535007.7	1810118.0	766.2	
S 1071	535315.3	1810009.5	768.0	
S 1072	535592.5	1809829.7	768.0	
S 1073	535867.3	1809647.1	769.4	
S 1074	536142.3	1809465.2	771.8	
S 1075	536418.4	1809284.8	774.0	
S 1076	536693.6	1809103.2	776.5	
S 1077	536968.5	1808920.8	778.2	
S 1078	537244.0	1808739.5	780.1	
S 1079	537520.9	1808560.9	775.9	
S 1080	537821.5	1808445.0	774.2	
S 1081	538135.5	1808546.6	778.6	
S 1082	538456.9	1808620.2	779.5	
S 1083	538783.8	1808664.9	770.6	
S 1084	539112.9	1808682.4	764.4	
S 1085	539442.8	1808672.4	765.5	
S 1086	539772.6	1808664.9	768.8	
S 1087	540102.4	1808654.8	768.5	
S 1088	540431.8	1808641.0	777.8	
S 1089	540761.4	1808633.1	786.6	
S 1090	541092.4	1808619.0	781.8	
S 1091	541422.1	1808608.9	777.7	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR

COORDINATE SYSTEM: AL [102]  
 LINE: TN-4  
 DATE: 04-15-1986  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

TIES: (747-908) V=+.61 H=3729///(909-1059)V=-.93 H=1707  
 TIES: (1060-1156)V=-.50 H=1470///(1157-1309) V=-1.16 H=1391

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1092	541751.8	1808599.5	776.3	
S 1093	542081.4	1808589.1	774.0	
S 1094	542410.8	1808575.6	767.0	
S 1095	542739.3	1808545.9	760.8	
S 1096	543066.9	1808497.0	756.8	
S 1097	543389.5	1808427.9	752.7	
S 1098	543707.5	1808341.3	753.6	
S 1099	544022.4	1808244.3	760.7	
S 1100	544337.0	1808145.4	767.2	
S 1101	544651.5	1808046.1	771.0	
S 1102	544967.4	1807951.7	773.1	
S 1103	545289.3	1807880.7	767.3	
S 1104	545617.1	1807836.9	756.4	
S 1105	545945.7	1807822.2	742.5	
S 1106	546275.5	1807820.6	747.6	
S 1107	546605.7	1807828.4	745.4	
S 1108	546935.1	1807832.8	736.8	
S 1109	547264.7	1807834.9	728.3	
S 1110	547594.2	1807833.5	729.7	
S 1111	547923.9	1807828.7	736.9	
S 1112	548254.5	1807823.2	730.2	
S 1113	548583.9	1807818.6	721.1	
S 1114	548913.3	1807823.1	720.3	
S 1115	549240.5	1807860.0	707.9	
S 1116	549561.9	1807928.2	691.2	
S 1117	549880.3	1808009.8	674.3	
S 1118	550198.8	1808095.6	669.9	
S 1119	550517.8	1808179.8	671.5	
S 1120	550836.8	1808263.8	680.1	
S 1121	551155.5	1808347.5	697.8	
S 1122	551474.0	1808430.9	715.0	
S 1123	551792.4	1808516.5	720.3	
S 1124	552110.8	1808601.1	718.5	
S 1125	552429.6	1808684.4	730.4	
S 1126	552748.2	1808767.2	746.2	
S 1127	553069.1	1808841.5	754.1	
S 1128	553393.3	1808900.3	769.7	
S 1129	553722.4	1808942.0	785.4	
S 1130	554049.6	1808980.9	788.0	
S 1131	554377.0	1809019.2	787.4	
S 1132	554704.4	1809058.3	789.1	
S 1133	555031.6	1809098.0	780.0	
S 1134	555358.7	1809137.0	781.9	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES: (747-908) V=+.61 H=3729///(909-1059)V=-.93 H=1707  
 TIES: (1060-1156)V=-.50 H=1470///(1157-1309) V=-1.16 H=1391

COORDINATE SYSTEM: AL [102]  
 LINE: TN-4  
 DATE: 04-15-1986  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

PAGE: 29

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1135	555686.0	1809175.1	789.7	
S 1136	556014.5	1809202.6	795.6	
S 1137	556345.4	1809182.2	801.8	
S 1138	556669.7	1809122.7	797.1	
S 1139	556992.2	1809053.8	801.0	
S 1140	557314.6	1808985.7	809.4	
S 1141	557637.2	1808917.0	810.5	
S 1142	557959.7	1808847.8	808.1	
S 1143	558282.3	1808779.8	805.5	
S 1144	558604.8	1808710.3	803.2	
S 1145	558929.2	1808644.3	799.6	
S 1146	559255.6	1808599.6	791.1	
S 1147	559584.5	1808577.9	786.2	
S 1148	559914.5	1808575.3	786.4	
S 1149	560244.5	1808579.6	787.7	
S 1150	560575.5	1808586.6	786.6	
S 1151	560905.5	1808593.2	781.1	
S 1152	561235.4	1808597.0	772.4	
S 1153	561565.0	1808603.0	761.4	
S 1154	561894.8	1808609.4	771.5	
S 1155	562224.2	1808619.7	789.5	
S 1156	562552.3	1808652.4	794.0	
S 1157	562673.0	1808412.4	785.1	
S 1158	562675.7	1808082.4	778.9	
S 1159	562747.3	1807766.9	768.1	
S 1160	562926.3	1807491.2	748.7	
S 1161	563133.2	1807234.8	735.0	
S 1162	563338.2	1806977.9	729.9	
S 1163	563544.6	1806720.8	730.2	
S 1164	563812.6	1806535.7	736.0	
S 1165	564123.9	1806428.7	741.7	
S 1166	564450.9	1806426.1	742.5	
S 1167	564770.1	1806352.0	746.8	
S 1168	565052.9	1806184.6	759.0	
S 1169	565292.1	1805958.5	780.3	
S 1170	565531.7	1805734.8	789.2	
S 1171	565778.5	1805516.3	783.6	
S 1172	566025.7	1805297.8	774.4	
S 1173	566272.9	1805079.3	765.9	
S 1174	566517.7	1804858.0	760.9	
S 1175	566791.3	1804675.7	758.6	
S 1176	567086.0	1804527.5	751.3	
S 1177	567379.1	1804376.2	740.8	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES: (747-908) V=+.61 H=3729/// (909-1059) V=-.93 H=1707  
 TIES: (1060-1156) V=-.50 H=1470/// (1157-1309) V=-1.16 H=1391

COORDINATE SYSTEM: AL [102]  
 LINE: TN-4  
 DATE: 04-15-1986  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

PAGE: 30

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1178	567671.0	1804222.9	728.0	
S 1179	567959.9	1804063.3	723.5	
S 1180	568211.6	1804179.4	724.9	
S 1181	568418.4	1804436.5	725.4	
S 1182	568658.1	1804662.3	734.3	
S 1183	568897.9	1804888.2	753.1	
S 1184	569138.9	1805112.7	772.9	
S 1185	569382.7	1805333.2	779.9	
S 1186	569631.9	1805550.4	783.3	
S 1187	569900.9	1805741.7	787.1	
S 1188	570186.1	1805906.5	789.1	
S 1189	570499.3	1806005.6	791.9	
S 1190	570812.1	1806104.9	799.3	
S 1191	571075.8	1806303.5	798.5	
S 1192	571322.1	1806520.2	806.0	
S 1193	571560.2	1806747.8	809.2	
S 1194	571864.1	1806875.0	808.5	
S 1195	572181.3	1806962.8	811.2	
S 1196	572508.4	1807006.1	811.7	
S 1197	572837.1	1807036.2	808.9	
S 1198	573165.2	1807067.0	822.3	
S 1199	573492.2	1807088.2	828.8	
S 1200	573822.3	1807082.7	820.0	
S 1201	574152.3	1807077.2	817.3	
S 1202	574482.1	1807071.7	826.1	
S 1203	574812.0	1807066.2	834.5	
S 1204	575141.9	1807060.7	839.0	
S 1205	575471.7	1807051.5	841.3	
S 1206	575801.5	1807042.6	836.3	
S 1207	575839.3	1806785.7	833.0	
S 1208	575754.1	1806466.8	827.1	
S 1209	575649.8	1806153.9	824.2	
S 1210	575539.0	1805842.9	821.7	
S 1211	575730.8	1805721.5	817.3	
S 1212	576061.0	1805722.6	813.1	
S 1213	576388.1	1805716.6	803.6	
S 1214	576718.1	1805715.4	802.0	
S 1215	577047.6	1805701.6	805.2	
S 1216	577377.4	1805691.0	806.3	
S 1217	577706.6	1805693.5	787.6	
S 1218	578035.1	1805681.5	780.7	
S 1219	578361.8	1805659.7	797.5	
S 1220	578690.6	1805642.7	807.5	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES: (747-908) V=+.61 H=3729///(909-1059)V=-.93 H=1707  
 TIES: (1060-1156)V=-.50 H=1470///(1157-1309) V=-1.16 H=1391

COORDINATE SYSTEM: AL [102]  
 LINE: TN-4  
 DATE: 04-15-1986  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

PAGE: 31

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1221	579019.3	1805633.0	788.3	
S 1222	579348.4	1805638.0	789.2	
S 1223	579608.6	1805557.2	776.2	
S 1224	579577.1	1805229.2	768.9	
S 1225	579718.6	1804955.9	756.3	
S 1226	579889.7	1804764.8	763.3	
S 1227	579888.6	1804435.3	768.7	
S 1228	580125.3	1804314.4	781.6	
S 1229	580455.0	1804301.5	786.2	
S 1230	580784.8	1804297.3	789.3	
S 1231	581114.5	1804290.6	792.3	
S 1232	581444.0	1804279.6	803.9	
S 1233	581773.9	1804268.5	805.8	
S 1234	582101.8	1804252.5	804.2	
S 1235	582038.5	1803931.9	805.7	
S 1236	581971.7	1803608.7	808.6	
S 1237	581902.1	1803286.3	807.7	
S 1238	581832.1	1802963.6	806.7	
S 1239	582069.1	1802881.7	802.2	
S 1240	582399.1	1802880.7	802.3	
S 1241	582729.0	1802879.6	803.2	
S 1242	583059.0	1802877.2	797.2	
S 1243	583388.9	1802873.3	795.7	
S 1244	583717.8	1802871.1	782.4	
S 1245	584045.6	1802874.7	780.9	
S 1246	584375.5	1802871.5	790.3	
S 1247	584705.5	1802868.2	792.1	
S 1248	585035.4	1802865.0	793.3	
S 1249	585342.4	1802975.9	794.7	
S 1250	585659.0	1803063.0	800.0	
S 1251	585982.0	1803129.8	807.8	
S 1252	586303.0	1803205.7	802.7	
S 1253	586613.1	1803318.8	803.2	
S 1254	586898.2	1803474.5	807.9	
S 1255	587207.2	1803590.2	808.9	
S 1256	587515.2	1803707.7	813.5	
S 1257	587822.2	1803829.0	809.9	
S 1258	588134.0	1803937.3	804.7	
S 1259	588386.1	1803921.7	803.8	
S 1260	588431.9	1803595.3	804.5	
S 1261	588501.9	1803274.1	798.3	
S 1262	588573.7	1802950.9	800.6	
S 1263	588650.6	1802629.7	805.1	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN. AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES: (747-908) V=+.61 H=3729///(909-1059)V=-.93 H=1707  
 TIES: (1060-1156)V=-.50 H=1470///(1157-1309) V=-1.16 H=1391

COORDINATE SYSTEM: AL [102]  
 LINE: TN-4  
 DATE: 04-15-1986  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1264	588725.5	1802309.6	807.6	
S 1265	588798.4	1801987.9	795.3	
S 1266	588872.1	1801666.3	789.3	
S 1267	589107.4	1801469.6	781.1	
S 1268	589436.9	1801461.3	781.8	
S 1269	589766.9	1801461.7	787.3	
S 1270	590096.8	1801457.9	790.6	
S 1271	590409.3	1801369.4	797.5	
S 1272	590671.9	1801173.2	803.2	
S 1273	590932.8	1800971.3	800.2	
S 1274	591193.8	1800769.0	799.2	
S 1275	591445.5	1800555.7	802.9	
S 1276	591651.0	1800301.4	794.0	
S 1277	591740.0	1799984.0	790.0	
S 1278	592001.7	1799956.4	784.3	
S 1279	592329.0	1799940.4	790.8	
S 1280	592631.6	1799810.3	797.6	
S 1281	592904.1	1799624.2	801.8	
S 1282	593173.5	1799433.7	795.6	
S 1283	593442.2	1799242.0	797.2	
S 1284	593711.9	1799051.8	799.6	
S 1285	593983.2	1798863.9	796.6	
S 1286	594266.4	1798695.7	786.7	
S 1287	594564.2	1798560.9	780.8	
S 1288	594874.8	1798448.8	778.7	
S 1289	595188.4	1798346.0	779.3	
S 1290	595500.7	1798239.3	778.8	
S 1291	595824.4	1798183.3	770.0	
S 1292	596144.9	1798252.1	754.2	
S 1293	596412.2	1798441.3	738.0	
S 1294	596649.2	1798670.3	721.5	
S 1295	596895.0	1798889.7	704.7	
S 1296	597205.7	1798995.4	689.6	
S 1297	597523.5	1799081.9	675.0	
S 1298	597787.5	1799274.4	663.7	
S 1299	598029.9	1799498.1	656.7	
S 1300	598272.6	1799721.8	649.9	
S 1301	598514.5	1799946.4	643.7	
S 1302	598757.2	1800170.2	637.9	
S 1303	599002.2	1800391.1	631.5	
S 1304	599303.2	1800519.6	626.3	
S 1305	599629.0	1800493.0	634.3	
S 1306	599899.3	1800310.2	645.1	

CLIENT: CORNELL UNIV.  
PROSPECT: TN. AREA  
SURVEYOR: MICHAEL LEE  
ORIGIN, LATITUDE: N/A  
ORIGIN, LONGITUDE: 87.3000  
PROJECTION: TRANSVERSE MERCATOR

COORDINATE SYSTEM: AL [102]  
LINE: TN-4  
DATE: 04-15-1986  
FALSE EASTINGS: 500000  
FALSE NORTHINGS: 500000  
UNIT OF MEASURE: FEET

TIES: (747-908) V=+.61 H=3729///(909-1059)V=-.93 H=1707  
TIES: (1060-1156)V=-.50 H=1470///(1157-1309) V=-1.16 H=1391

PAGE: 33

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1307	600121.8	1800066.8	636.3	
S 1308	600345.5	1799824.4	623.5	
S 1309	600569.8	1799582.6	617.5	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN.AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES:1310-1448 H=1840 V=-.97  
 TIES:1449-1505 H=3684 V=+1.2  
 TIES:1506-1677 H=2997 V=+.8  
 PAGE: 34

COORDINATE SYSTEM: AL. [102]  
 LINE: TN-4  
 DATE: 5-4-1987  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

END AL. WEST XY'S

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1310	600829.9	1799381.5	612.1	
S 1311	601127.2	1799239.8	607.5	
S 1312	601449.9	1799173.9	602.7	
S 1313	601778.6	1799141.9	596.7	
S 1314	602106.6	1799105.3	592.6	
S 1315	602434.3	1799067.5	591.2	
S 1316	602763.2	1799035.5	591.2	
S 1317	603091.6	1799007.2	592.6	
S 1318	603419.9	1798973.8	592.9	
S 1319	603748.3	1798940.4	592.6	
S 1320	604076.7	1798906.9	592.6	
S 1321	604405.0	1798873.3	591.3	
S 1322	604732.1	1798830.0	591.2	
S 1323	605021.5	1798674.4	590.6	
S 1324	605209.2	1798405.2	590.6	
S 1325	605292.3	1798085.8	591.5	
S 1326	605371.8	1797765.2	593.8	
S 1327	605534.2	1797481.7	603.4	
S 1328	605794.8	1797279.9	613.5	
S 1329	606064.6	1797090.4	625.5	
S 1330	606305.4	1796866.3	646.7	
S 1331	606516.4	1796613.4	667.4	
S 1332	606732.4	1796364.7	682.1	
S 1333	606982.9	1796149.2	694.3	
S 1334	607259.5	1795969.7	706.1	
S 1335	607538.5	1795794.6	722.7	
S 1336	607833.7	1795649.1	729.3	
S 1337	608150.1	1795557.9	709.2	
S 1338	608454.9	1795434.7	685.9	
S 1339	608716.1	1795233.5	674.4	
S 1340	608972.5	1795026.5	667.8	
S 1341	609285.5	1794950.9	659.5	
S 1342	609579.0	1795091.7	657.4	
S 1343	609846.4	1795285.3	659.9	
S 1344	610089.9	1795507.1	664.4	
S 1345	610307.7	1795754.8	668.1	
S 1346	610524.9	1796003.4	673.7	
S 1347	610772.4	1796219.3	681.7	
S 1348	611096.2	1796243.5	692.0	
S 1349	611374.9	1796069.1	706.9	
S 1350	611633.6	1795864.9	726.7	
S 1351	611892.1	1795660.7	747.3	
S 1352	612151.2	1795457.1	766.4	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN.AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES:1310-1448 H=1840 V=-.97  
 TIES:1449-1505 H=3684 V=+1.2  
 TIES:1506-1677 H=2997 V=+.8  
 PAGE: 35

COORDINATE SYSTEM: AL. [102]  
 LINE: TN-4  
 DATE: 5-4-1987  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

END AL. WEST XY'S

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1353	612393.9	1795233.3	777.2	
S 1354	612603.1	1794978.2	774.1	
S 1355	612804.9	1794717.1	769.8	
S 1356	613099.9	1794863.2	760.0	
S 1357	613407.0	1794983.6	762.3	
S 1358	613699.1	1795131.9	765.0	
S 1359	613906.0	1795388.1	761.2	
S 1360	614098.1	1795656.1	775.7	
S 1361	614320.4	1795897.7	787.2	
S 1362	614600.0	1796074.6	788.9	
S 1363	614856.7	1796280.8	792.8	
S 1364	615096.9	1796506.9	794.8	
S 1365	615345.4	1796723.9	797.4	
S 1366	615607.4	1796924.4	795.1	
S 1367	615789.8	1797194.9	795.7	
S 1368	615813.0	1797522.8	799.4	
S 1369	615854.7	1797843.4	794.4	
S 1370	616144.5	1798001.2	780.8	
S 1371	616434.8	1798157.5	777.5	
S 1372	616725.6	1798312.0	791.0	
S 1373	617034.4	1798423.1	759.0	
S 1374	617362.4	1798443.3	732.1	
S 1375	617691.0	1798444.5	757.1	
S 1376	618015.5	1798492.7	790.3	
S 1377	618324.1	1798608.0	807.5	
S 1378	618633.0	1798723.5	816.4	
S 1379	618941.2	1798840.8	821.4	
S 1380	619249.6	1798958.3	823.0	
S 1381	619557.9	1799075.7	826.8	
S 1382	619866.1	1799193.2	830.6	
S 1383	620176.0	1799306.9	828.7	
S 1384	620501.1	1799363.1	821.7	
S 1385	620784.9	1799202.2	823.7	
S 1386	620924.1	1798904.8	824.6	
S 1387	621037.6	1798594.8	821.3	
S 1388	621212.3	1798320.0	820.8	
S 1389	621504.7	1798174.4	815.7	
S 1390	621833.1	1798133.5	818.4	
S 1391	622162.8	1798124.8	816.7	
S 1392	622492.8	1798124.0	813.6	
S 1393	622823.0	1798124.6	813.3	
S 1394	623153.1	1798122.7	815.8	
S 1395	623483.0	1798115.8	819.8	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN.AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES:1310-1448 H=1840 V=-.97  
 TIES:1449-1505 H=3684 V=+1.2  
 TIES:1506-1677 H=2997 V=+.8  
 PAGE: 36

COORDINATE SYSTEM: AL. [102]  
 LINE: TN-4  
 DATE: 5-4-1987  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

END AL. WEST XY'S

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1396	623812.8	1798103.3	822.1	
S 1397	624142.5	1798088.6	823.0	
S 1398	624472.1	1798075.7	828.7	
S 1399	624801.9	1798062.0	823.4	
S 1400	625131.5	1798048.6	814.7	
S 1401	625461.2	1798035.5	813.1	
S 1402	625791.0	1798022.1	819.7	
S 1403	626120.5	1798009.0	817.5	
S 1404	626449.7	1797995.8	803.5	
S 1405	626778.4	1797975.1	791.5	
S 1406	627098.0	1797888.8	797.9	
S 1407	627388.6	1797733.5	805.9	
S 1408	627636.9	1797516.3	808.2	
S 1409	627870.2	1797283.3	809.5	
S 1410	628102.0	1797048.5	809.9	
S 1411	628333.8	1796813.6	810.9	
S 1412	628565.6	1796578.7	811.8	
S 1413	628797.4	1796343.8	812.8	
S 1414	629045.5	1796127.1	807.5	
S 1415	629334.2	1795967.4	796.2	
S 1416	629649.2	1795870.5	784.3	
S 1417	629968.5	1795787.9	774.2	
S 1418	630287.6	1795704.9	764.5	
S 1419	630606.4	1795622.0	745.4	
S 1420	630921.0	1795521.2	713.7	
S 1421	631220.7	1795387.4	683.3	
S 1422	631514.8	1795239.5	660.6	
S 1423	631809.1	1795091.5	640.0	
S 1424	632100.4	1794937.4	624.4	
S 1425	632356.7	1794730.2	611.0	
S 1426	632573.4	1794478.5	599.6	
S 1427	632779.7	1794221.0	586.3	
S 1428	632986.0	1793963.5	584.9	
S 1429	633192.4	1793706.0	583.3	
S 1430	633398.7	1793448.6	584.2	
S 1431	633605.1	1793191.1	583.8	
S 1432	633811.4	1792933.7	585.0	
S 1433	634017.7	1792676.2	585.5	
S 1434	634224.0	1792418.8	586.9	
S 1435	634430.4	1792161.3	585.4	
S 1436	634636.7	1791903.8	587.4	
S 1437	634843.0	1791646.3	587.4	
S 1438	635049.5	1791388.7	588.0	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN.AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES:1310-1448 H=1840 V=-.97  
 TIES:1449-1505 H=3684 V=+1.2  
 TIES:1506-1677 H=2997 V=+.8  
 PAGE: 37

COORDINATE SYSTEM: AL. [102]  
 LINE: TN-4  
 DATE: 5-4-1987  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

END AL. WEST XY'S

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1439	635256.0	1791131.0	588.0	
S 1440	635462.5	1790873.4	593.8	
S 1441	635668.5	1790616.3	612.8	
S 1442	635874.5	1790359.3	633.7	
S 1443	636076.5	1790098.5	640.5	
S 1444	636286.0	1789843.3	640.8	
S 1445	636498.1	1789590.4	634.6	
S 1446	636718.2	1789344.0	624.9	
S 1447	636963.4	1789123.4	613.8	
S 1448	637214.2	1788909.3	604.0	
S 1449	637456.4	1788969.4	607.2	
S 1450	637684.1	1789207.7	621.8	
S 1451	637906.7	1789451.4	625.5	
S 1452	638126.2	1789697.6	623.9	
S 1453	638298.3	1789978.4	621.3	
S 1454	638448.5	1790272.1	624.0	
S 1455	638691.9	1790490.8	631.1	
S 1456	639000.6	1790608.0	641.3	
S 1457	639303.6	1790737.1	652.8	
S 1458	639583.5	1790910.1	662.3	
S 1459	639826.0	1791132.8	669.3	
S 1460	639967.9	1791426.9	675.7	
S 1461	640045.8	1791747.4	682.3	
S 1462	640123.2	1792068.0	690.7	
S 1463	640198.4	1792389.3	698.4	
S 1464	640295.1	1792704.0	710.2	
S 1465	640493.4	1792965.0	733.2	
S 1466	640781.2	1793123.9	755.8	
S 1467	641103.5	1793193.2	772.5	
S 1468	641427.3	1793256.0	776.1	
S 1469	641751.1	1793319.7	770.9	
S 1470	642077.8	1793364.2	765.7	
S 1471	642400.7	1793303.2	765.2	
S 1472	642705.9	1793178.0	767.8	
S 1473	643011.0	1793052.4	770.8	
S 1474	643316.8	1792928.9	774.5	
S 1475	643622.2	1792803.8	778.0	
S 1476	643939.7	1792717.5	779.1	
S 1477	644265.8	1792669.9	779.6	
S 1478	644593.2	1792629.0	782.4	
S 1479	644920.7	1792586.6	785.3	
S 1480	645248.0	1792544.3	787.4	
S 1481	645575.9	1792554.7	789.8	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN.AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES:1310-1448 H=1840 V=-.97  
 TIES:1449-1505 H=3684 V=+1.2  
 TIES:1506-1677 H=2997 V=+.8  
 PAGE: 38

COORDINATE SYSTEM: AL. [102]  
 LINE: TN-4  
 DATE: 5-4-1987  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

END AL. WEST XY'S

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1482	645882.2	1792672.2	791.3	
S 1483	646166.4	1792840.2	792.7	
S 1484	646450.4	1793008.3	794.0	
S 1485	646735.2	1793174.8	795.8	
S 1486	647019.3	1793342.9	796.4	
S 1487	647303.3	1793510.7	797.1	
S 1488	647601.2	1793652.8	797.7	
S 1489	647925.1	1793714.2	798.4	
S 1490	648254.7	1793720.6	799.4	
S 1491	648584.3	1793707.6	797.3	
S 1492	648914.1	1793697.5	794.6	
S 1493	649244.1	1793688.4	792.0	
S 1494	649573.5	1793675.1	782.6	
S 1495	649903.4	1793664.0	773.1	
S 1496	650233.1	1793652.8	779.0	
S 1497	650562.6	1793642.2	795.1	
S 1498	650892.1	1793631.2	804.6	
S 1499	651222.1	1793620.9	807.0	
S 1500	651551.9	1793611.0	809.4	
S 1501	651881.8	1793601.8	808.7	
S 1502	652211.5	1793592.6	807.6	
S 1503	652541.5	1793586.5	806.2	
S 1504	652871.5	1793585.8	807.3	
S 1505	653201.2	1793584.5	816.6	
S 1506	653530.7	1793574.2	820.2	
S 1507	653860.7	1793567.2	825.3	
S 1508	654190.4	1793560.2	833.7	
S 1509	654520.3	1793553.0	838.4	
S 1510	654849.8	1793545.4	847.1	
S 1511	655179.7	1793536.4	849.2	
S 1512	655509.6	1793529.7	844.4	
S 1513	655839.3	1793523.7	836.3	
S 1514	656169.1	1793517.3	827.5	
S 1515	656499.1	1793510.1	838.1	
S 1516	656828.9	1793507.5	850.8	
S 1517	657157.8	1793497.3	840.8	
S 1518	657487.0	1793489.9	824.8	
S 1519	657814.9	1793502.3	806.5	
S 1520	658056.6	1793723.7	805.3	
S 1521	658116.7	1794043.3	810.0	
S 1522	658124.6	1794373.0	814.3	
S 1523	658127.1	1794703.0	811.7	
S 1524	658252.8	1794987.8	818.4	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN.AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES:1310-1448 H=1840 V=-.97  
 TIES:1449-1505 H=3684 V=+1.2  
 TIES:1506-1677 H=2997 V=+.8  
 PAGE: 39

COORDINATE SYSTEM: AL. [102]  
 LINE: TN-4  
 DATE: 5-4-1987  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

END AL. WEST XY'S

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1525	658532.0	1795161.9	837.7	
S 1526	658812.7	1795334.9	838.6	
S 1527	659093.7	1795507.8	838.7	
S 1528	659380.1	1795671.1	842.6	
S 1529	659683.0	1795800.6	845.9	
S 1530	659990.6	1795920.6	845.3	
S 1531	660305.5	1796019.2	845.0	
S 1532	660631.3	1796071.0	845.5	
S 1533	660960.6	1796081.6	851.4	
S 1534	661290.3	1796073.7	854.0	
S 1535	661619.5	1796067.1	847.4	
S 1536	661950.1	1796059.9	840.9	
S 1537	662280.0	1796053.6	840.0	
S 1538	662610.0	1796045.7	848.5	
S 1539	662938.8	1796038.1	847.3	
S 1540	663268.7	1796030.8	843.5	
S 1541	663598.6	1796025.2	843.7	
S 1542	663928.6	1796018.4	844.0	
S 1543	664258.4	1796009.7	847.8	
S 1544	664586.8	1795980.8	857.8	
S 1545	664915.3	1795955.5	854.2	
S 1546	665245.3	1795952.3	848.8	
S 1547	665575.4	1795947.9	847.5	
S 1548	665905.1	1795945.2	846.4	
S 1549	666235.1	1795942.4	845.6	
S 1550	666565.1	1795938.8	844.9	
S 1551	666895.1	1795939.3	844.2	
S 1552	667222.2	1795979.5	840.4	
S 1553	667547.8	1796033.3	836.9	
S 1554	667873.4	1796086.0	836.8	
S 1555	668199.3	1796139.0	836.7	
S 1556	668523.9	1796193.4	835.9	
S 1557	668844.7	1796264.8	835.6	
S 1558	669160.0	1796361.5	835.7	
S 1559	669466.1	1796484.3	836.8	
S 1560	669759.0	1796634.8	838.7	
S 1561	670040.1	1796807.5	837.9	
S 1562	670313.9	1796991.6	837.8	
S 1563	670587.4	1797176.3	840.1	
S 1564	670862.0	1797359.4	846.3	
S 1565	671136.5	1797542.7	849.5	
S 1566	671411.4	1797725.4	849.5	
S 1567	671684.0	1797911.3	850.4	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN.AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES:1310-1448 H=1840 V=-.97  
 TIES:1449-1505 H=3684 V=+1.2  
 TIES:1506-1677 H=2997 V=+.8  
 PAGE: 40

COORDINATE SYSTEM: AL. [102]  
 LINE: TN-4  
 DATE: 5-4-1987  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

END AL. WEST XY'S

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1568	671957.5	1798095.9	853.6	
S 1569	672231.3	1798280.2	858.2	
S 1570	672505.7	1798463.5	862.4	
S 1571	672780.4	1798646.4	865.6	
S 1572	673054.7	1798829.9	868.2	
S 1573	673328.5	1799013.6	871.0	
S 1574	673602.4	1799197.7	870.2	
S 1575	673876.1	1799382.0	868.8	
S 1576	674148.1	1799569.0	867.0	
S 1577	674433.8	1799731.1	862.6	
S 1578	674751.4	1799818.8	862.1	
S 1579	675077.8	1799867.7	863.6	
S 1580	675403.5	1799920.8	860.5	
S 1581	675726.6	1799986.8	854.9	
S 1582	676046.2	1800066.5	848.8	
S 1583	676362.2	1800158.2	832.9	
S 1584	676673.5	1800260.2	804.9	
S 1585	676981.2	1800375.0	782.9	
S 1586	677288.1	1800495.6	779.5	
S 1587	677594.1	1800615.1	801.5	
S 1588	677899.5	1800735.0	828.3	
S 1589	678205.4	1800854.0	851.8	
S 1590	678515.5	1800965.8	867.4	
S 1591	678843.2	1800999.5	878.6	
S 1592	679172.8	1800991.0	881.8	
S 1593	679503.0	1800983.7	883.9	
S 1594	679832.9	1800975.5	886.5	
S 1595	680162.4	1800968.2	888.6	
S 1596	680492.0	1800960.8	895.5	
S 1597	680821.4	1800952.4	897.9	
S 1598	681147.8	1800914.6	908.7	
S 1599	681473.3	1800864.4	921.7	
S 1600	681799.4	1800815.0	922.9	
S 1601	682125.5	1800768.1	912.2	
S 1602	682454.0	1800747.8	900.3	
S 1603	682783.8	1800747.1	895.6	
S 1604	683114.0	1800741.0	896.7	
S 1605	683443.4	1800743.4	896.8	
S 1606	683773.0	1800741.4	899.5	
S 1607	684102.9	1800740.2	893.9	
S 1608	684432.9	1800737.8	889.0	
S 1609	684762.8	1800736.2	892.2	
S 1610	685092.8	1800734.6	893.9	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN.AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES:1310-1448 H=1840 V=-.97  
 TIES:1449-1505 H=3684 V=+1.2  
 TIES:1506-1677 H=2997 V=+.8  
 PAGE: 41

COORDINATE SYSTEM: AL. [102]  
 LINE: TN-4  
 DATE: 5-4-1987  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

END AL. WEST XY'S

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1611	685422.4	1800732.3	888.4	
S 1612	685752.4	1800732.4	889.7	
S 1613	686082.3	1800730.5	890.1	
S 1614	686411.9	1800728.4	891.7	
S 1615	686741.9	1800728.1	895.3	
S 1616	687071.8	1800727.0	899.0	
S 1617	687400.4	1800717.6	894.9	
S 1618	687703.6	1800782.7	885.7	
S 1619	687704.3	1801112.1	889.4	
S 1620	687705.7	1801441.7	894.2	
S 1621	687707.5	1801771.2	902.2	
S 1622	687709.7	1802100.7	906.9	
S 1623	687712.7	1802430.6	907.1	
S 1624	687713.7	1802760.1	909.5	
S 1625	687715.0	1803089.3	917.2	
S 1626	687716.4	1803419.2	917.1	
S 1627	687718.9	1803748.9	912.5	
S 1628	687720.8	1804078.5	908.5	
S 1629	687723.1	1804407.8	904.2	
S 1630	687726.5	1804737.5	899.8	
S 1631	687728.2	1805066.9	896.3	
S 1632	687730.1	1805396.3	894.8	
S 1633	687731.3	1805724.8	879.2	
S 1634	687814.2	1805995.7	860.1	
S 1635	688144.0	1805995.6	860.2	
S 1636	688473.2	1805992.4	871.1	
S 1637	688802.3	1805989.6	883.7	
S 1638	689131.4	1805987.4	895.6	
S 1639	689461.1	1805986.6	898.5	
S 1640	689790.3	1805987.2	894.2	
S 1641	690119.9	1805986.4	889.2	
S 1642	690449.5	1805981.3	884.6	
S 1643	690777.4	1805976.9	879.2	
S 1644	691106.7	1805975.2	876.0	
S 1645	691436.5	1805973.5	872.3	
S 1646	691765.9	1805971.7	869.1	
S 1647	692095.2	1805970.0	865.9	
S 1648	692424.5	1805968.3	863.3	
S 1649	692754.6	1805963.0	860.5	
S 1650	693083.8	1805961.8	857.9	
S 1651	693413.0	1805959.1	856.9	
S 1652	693742.5	1805958.2	856.6	
S 1653	694071.9	1805957.1	856.9	

CLIENT: CORNELL UNIV.  
 PROSPECT: TN.AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 87.3000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES:1310-1448 H=1840 V=-.97  
 TIES:1449-1505 H=3684 V=+1.2  
 TIES:1506-1677 H=2997 V=+.8  
 PAGE: 42

COORDINATE SYSTEM: AL. [102]  
 LINE: TN-4  
 DATE: 5-4-1987  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

END AL. WEST XY'S

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1654	694401.4	1805956.3	856.1	
S 1655	694731.4	1805955.4	855.7	
S 1656	695060.8	1805954.5	856.0	
S 1657	695388.7	1805952.0	854.0	
S 1658	695718.4	1805952.3	854.3	
S 1659	696048.1	1805952.5	854.1	
S 1660	696377.8	1805952.8	855.5	
S 1661	696707.6	1805953.0	855.4	
S 1662	697037.3	1805953.2	856.6	
S 1663	697367.0	1805953.5	858.8	
S 1664	697696.7	1805953.7	862.4	
S 1665	698026.4	1805953.9	864.7	
S 1666	698356.1	1805954.2	865.5	
S 1667	698685.8	1805954.4	865.8	
S 1668	699015.5	1805954.7	865.5	
S 1669	699345.3	1805954.9	865.7	
S 1670	699675.0	1805955.1	866.0	
S 1671	700004.7	1805955.4	869.4	
S 1672	700334.3	1805955.6	875.4	
S 1673	700664.0	1805955.8	878.0	
S 1674	700993.7	1805956.1	883.6	
S 1675	701323.3	1805956.3	891.8	
S 1676	701653.1	1805956.6	893.0	
S 1677	701982.8	1805956.8	896.2	

CLIENT: CORNELL UNIV	COORDINATE SYSTEM: AL	[101]
PROSPECT: TN AREA	LINE: TN-4	
SURVEYOR: MICHAEL LEE	DATE: 05-19-1987	
ORIGIN, LATITUDE: N/A	FALSE EASTINGS: 500000	
ORIGIN, LONGITUDE: 85.5000	FALSE NORTHINGS: 500000	
PROJECTION: TRANSVERSE MERCATOR	UNIT OF MEASURE: FEET	
TIES: PLATES(1678-2062 EOL) H=33313	V=-1.24	

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1678	202922.1	1624961.5	897.4	
S 1679	203251.5	1624958.8	892.4	
S 1680	203581.1	1624956.0	882.0	
S 1681	203910.6	1624949.3	874.0	
S 1682	204240.1	1624944.7	872.1	
S 1683	204569.5	1624941.0	867.6	
S 1684	204898.3	1624938.6	860.2	
S 1685	205228.7	1624936.2	855.7	
S 1686	205557.7	1624933.8	856.2	
S 1687	205887.2	1624931.4	846.6	
S 1688	206216.8	1624929.0	833.9	
S 1689	206546.4	1624926.6	829.5	
S 1690	206875.9	1624924.2	825.7	
S 1691	207205.5	1624921.8	823.8	
S 1692	207535.0	1624919.4	823.8	
S 1693	207864.5	1624917.0	823.1	
S 1694	208193.9	1624914.6	824.0	
S 1695	208523.4	1624912.2	831.6	
S 1696	208852.9	1624909.8	841.8	
S 1697	209182.4	1624907.4	845.3	
S 1698	209511.9	1624905.0	845.6	
S 1699	209841.4	1624902.6	847.2	
S 1700	210170.9	1624900.2	855.9	
S 1701	210500.3	1624897.8	862.3	
S 1702	210829.8	1624895.4	866.9	
S 1703	211159.3	1624893.0	871.1	
S 1704	211488.8	1624890.6	872.8	
S 1705	211818.4	1624888.2	877.7	
S 1706	212148.2	1624886.1	880.0	
S 1707	212477.9	1624882.3	879.0	
S 1708	212807.6	1624878.6	877.5	
S 1709	213137.2	1624874.8	880.4	
S 1710	213466.8	1624871.0	886.1	
S 1711	213796.5	1624867.3	889.7	
S 1712	214126.1	1624863.5	890.6	
S 1713	214455.8	1624859.8	891.3	
S 1714	214785.4	1624856.0	896.4	
S 1715	215115.0	1624852.2	903.1	
S 1716	215444.6	1624848.5	906.1	
S 1717	215774.7	1624844.3	900.6	
S 1718	216104.4	1624840.9	892.1	
S 1719	216434.2	1624837.5	880.4	
S 1720	216764.0	1624834.1	877.8	

CLIENT: CORNELL UNIV  
 PROSPECT: TN AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 85.5000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES: PLATES (1678-2062 EOL) H=33313 V=-1.24

COORDINATE SYSTEM: AL [101]  
 LINE: TN-4  
 DATE: 05-19-1987  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

PAGE: 44

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1721	217093.8	1624830.6	883.3	
S 1722	217423.6	1624827.2	885.5	
S 1723	217753.4	1624823.8	888.6	
S 1724	218083.2	1624820.4	888.5	
S 1725	218413.0	1624817.0	884.5	
S 1726	218742.8	1624813.5	882.8	
S 1727	219072.6	1624810.1	880.9	
S 1728	219402.5	1624806.7	878.5	
S 1729	219732.3	1624803.3	876.5	
S 1730	220062.1	1624799.9	872.8	
S 1731	220391.9	1624796.4	869.6	
S 1732	220721.7	1624793.0	869.6	
S 1733	221051.5	1624789.6	871.0	
S 1734	221381.3	1624786.2	874.4	
S 1735	221711.1	1624782.8	876.7	
S 1736	222040.9	1624779.3	878.2	
S 1737	222370.7	1624775.9	880.2	
S 1738	222700.5	1624772.5	884.4	
S 1739	223030.2	1624769.1	891.2	
S 1740	223360.0	1624764.6	891.1	
S 1741	223690.0	1624759.3	889.0	
S 1742	224020.0	1624754.0	889.4	
S 1743	224349.9	1624748.7	892.0	
S 1744	224679.8	1624743.4	895.9	
S 1745	225009.7	1624738.1	897.8	
S 1746	225339.7	1624732.7	899.6	
S 1747	225669.6	1624727.4	900.4	
S 1748	225999.5	1624723.4	895.3	
S 1749	226329.6	1624719.8	892.6	
S 1750	226659.6	1624716.2	891.3	
S 1751	226989.7	1624712.7	892.3	
S 1752	227319.8	1624709.1	890.1	
S 1753	227649.8	1624705.5	888.3	
S 1754	227979.9	1624701.9	887.1	
S 1755	228309.9	1624698.3	885.6	
S 1756	228640.0	1624694.8	885.1	
S 1757	228970.1	1624691.2	880.3	
S 1758	229300.1	1624687.6	871.9	
S 1759	229630.2	1624684.0	869.5	
S 1760	229960.3	1624680.4	870.1	
S 1761	230290.3	1624676.9	870.5	
S 1762	230620.4	1624673.3	872.1	
S 1763	230950.5	1624669.7	876.0	

CLIENT: CORNELL UNIV  
 PROSPECT: TN AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 85.5000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES: PLATES (1678-2062 EOL) H=33313 V=-1.24

COORDINATE SYSTEM: AL [101]  
 LINE: TN-4  
 DATE: 05-19-1987  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1764	231280.5	1624666.1	871.8	
S 1765	231610.6	1624662.5	872.5	
S 1766	231940.7	1624658.9	869.8	
S 1767	232270.7	1624655.4	874.4	
S 1768	232600.8	1624651.8	870.1	
S 1769	232930.8	1624648.2	874.2	
S 1770	233261.1	1624644.6	873.7	
S 1771	233591.1	1624641.3	865.9	
S 1772	233921.2	1624637.1	862.1	
S 1773	234251.3	1624633.1	862.8	
S 1774	234581.2	1624628.6	867.4	
S 1775	234911.4	1624625.2	866.5	
S 1776	235241.3	1624622.1	860.6	
S 1777	235571.3	1624619.1	856.9	
S 1778	235901.3	1624615.6	854.4	
S 1779	236231.2	1624611.9	854.9	
S 1780	236561.3	1624608.5	854.0	
S 1781	236891.0	1624605.7	854.4	
S 1782	237220.8	1624597.3	855.5	
S 1783	237550.6	1624588.1	859.1	
S 1784	237880.4	1624579.6	862.4	
S 1785	238210.2	1624568.6	865.9	
S 1786	238539.8	1624555.6	871.9	
S 1787	238869.5	1624546.2	878.8	
S 1788	239199.4	1624536.8	881.8	
S 1789	239529.1	1624530.7	880.5	
S 1790	239858.8	1624523.2	883.5	
S 1791	240188.6	1624516.0	886.2	
S 1792	240518.5	1624509.2	887.5	
S 1793	240848.4	1624502.4	886.6	
S 1794	241178.3	1624495.7	883.5	
S 1795	241508.2	1624488.9	881.6	
S 1796	241838.0	1624482.1	880.1	
S 1797	242167.9	1624473.2	878.5	
S 1798	242497.8	1624475.8	876.5	
S 1799	242827.7	1624478.3	874.8	
S 1800	243157.6	1624480.9	872.5	
S 1801	243487.6	1624483.4	872.8	
S 1802	243817.5	1624486.0	874.3	
S 1803	244147.4	1624488.6	874.9	
S 1804	244477.3	1624491.1	869.7	
S 1805	244807.3	1624493.7	869.7	
S 1806	245137.2	1624496.2	873.6	

CLIENT: CORNELL UNIV  
 PROSPECT: TN AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 85.5000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES: PLATES (1678-2062 EOL) H=33313 V=-1.24

COORDINATE SYSTEM: AL [101]  
 LINE: TN-4  
 DATE: 05-19-1987  
 FALSE EASTINGS: 500000  
 FALSE NORTHINGS: 500000  
 UNIT OF MEASURE: FEET

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1807	245467.1	1624498.8	876.4	
S 1808	245797.1	1624501.3	880.3	
S 1809	246126.9	1624503.8	880.2	
S 1810	246457.1	1624499.7	874.0	
S 1811	246786.8	1624491.9	865.6	
S 1812	247116.9	1624485.0	861.5	
S 1813	247446.6	1624479.0	856.6	
S 1814	247776.6	1624472.9	855.2	
S 1815	248106.5	1624467.0	855.3	
S 1816	248436.7	1624459.9	855.3	
S 1817	248767.0	1624453.2	851.8	
S 1818	249096.5	1624446.6	844.6	
S 1819	249426.5	1624440.8	846.0	
S 1820	249756.4	1624434.9	841.6	
S 1821	250086.3	1624429.0	835.2	
S 1822	250416.3	1624423.1	834.2	
S 1823	250746.2	1624417.2	833.6	
S 1824	251076.2	1624411.3	833.2	
S 1825	251406.2	1624405.4	833.0	
S 1826	251736.1	1624399.4	835.9	
S 1827	252066.1	1624393.6	841.0	
S 1828	252396.1	1624387.8	841.5	
S 1829	252726.1	1624382.0	842.1	
S 1830	253056.0	1624376.2	844.4	
S 1831	253386.0	1624370.5	846.3	
S 1832	253716.0	1624364.7	845.4	
S 1833	254046.0	1624358.9	839.0	
S 1834	254376.0	1624353.1	840.4	
S 1835	254706.0	1624347.3	850.0	
S 1836	255035.9	1624341.5	853.8	
S 1837	255365.9	1624335.7	854.8	
S 1838	255695.9	1624329.9	863.3	
S 1839	256025.8	1624324.1	865.4	
S 1840	256355.8	1624318.3	866.0	
S 1841	256685.8	1624312.5	868.8	
S 1842	257015.7	1624306.7	876.2	
S 1843	257345.7	1624300.7	878.5	
S 1844	257675.4	1624295.5	868.1	
S 1845	258005.4	1624290.3	867.5	
S 1846	258335.3	1624285.1	865.5	
S 1847	258665.2	1624279.9	859.7	
S 1848	258995.0	1624274.7	853.8	
S 1849	259324.8	1624269.5	844.0	

CLIENT: CORNELL UNIV  
 PROSPECT: TN AREA  
 SURVEYOR: MICHAEL LEE  
 ORIGIN, LATITUDE: N/A  
 ORIGIN, LONGITUDE: 85.5000  
 PROJECTION: TRANSVERSE MERCATOR  
 TIES: PLATES (1678-2062 EOL) H=33313 V=-1.24

COORDINATE SYSTEM: AL [101]  
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 FALSE EASTINGS: 500000  
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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1850	259654.7	1624264.3	836.2	
S 1851	259984.6	1624259.1	837.1	
S 1852	260314.5	1624253.8	841.1	
S 1853	260644.4	1624248.6	836.3	
S 1854	260974.3	1624243.4	833.0	
S 1855	261304.2	1624238.2	832.1	
S 1856	261634.1	1624233.0	829.9	
S 1857	261964.0	1624227.8	827.1	
S 1858	262293.8	1624222.6	823.0	
S 1859	262623.8	1624217.4	824.2	
S 1860	262953.6	1624212.2	820.0	
S 1861	263283.5	1624206.9	816.1	
S 1862	263613.4	1624201.7	813.9	
S 1863	263943.3	1624196.5	812.8	
S 1864	264273.2	1624191.3	812.2	
S 1865	264603.1	1624186.1	812.3	
S 1866	264933.0	1624180.9	811.7	
S 1867	265263.0	1624175.7	824.9	
S 1868	265593.0	1624170.5	832.9	
S 1869	265923.6	1624161.6	827.9	
S 1870	266253.5	1624154.9	828.0	
S 1871	266583.3	1624148.1	823.0	
S 1872	266913.2	1624141.4	821.4	
S 1873	267243.1	1624134.6	822.6	
S 1874	267573.0	1624127.9	826.4	
S 1875	267902.8	1624121.2	829.3	
S 1876	268232.7	1624114.4	823.4	
S 1877	268562.7	1624107.7	815.5	
S 1878	268892.6	1624100.9	813.5	
S 1879	269222.5	1624094.2	815.0	
S 1880	269552.3	1624087.5	823.6	
S 1881	269882.2	1624080.7	827.6	
S 1882	270212.0	1624075.1	821.2	
S 1883	270541.9	1624069.6	819.1	
S 1884	270871.8	1624062.2	822.7	
S 1885	271201.7	1624057.9	816.7	
S 1886	271531.5	1624053.6	809.6	
S 1887	271861.5	1624049.2	808.1	
S 1888	272191.3	1624044.9	798.0	
S 1889	272521.2	1624040.6	794.7	
S 1890	272851.1	1624036.3	792.9	
S 1891	273181.1	1624030.3	792.8	
S 1892	273511.1	1624024.2	792.8	

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1893	273841.1	1624018.1	792.6	
S 1894	274171.1	1624012.0	792.9	
S 1895	274501.0	1624005.8	793.5	
S 1896	274831.0	1624000.2	797.4	
S 1897	275161.0	1623994.7	790.1	
S 1898	275491.0	1623989.1	787.1	
S 1899	275820.9	1623983.5	786.3	
S 1900	276150.9	1623977.9	786.7	
S 1901	276480.9	1623972.4	788.3	
S 1902	276810.8	1623966.8	790.9	
S 1903	277140.8	1623961.2	797.3	
S 1904	277470.8	1623955.8	797.5	
S 1905	277800.8	1623952.1	793.2	
S 1906	278130.4	1623949.4	780.4	
S 1907	278376.3	1623751.8	763.7	
S 1908	278677.9	1623626.9	753.8	
S 1909	278839.3	1623906.6	747.7	
S 1910	279169.1	1623913.3	750.1	
S 1911	279498.9	1623902.3	750.0	
S 1912	279828.6	1623891.7	755.8	
S 1913	280158.4	1623894.8	756.2	
S 1914	280488.3	1623892.5	757.2	
S 1915	280818.2	1623890.1	758.4	
S 1916	281148.0	1623887.8	762.5	
S 1917	281477.8	1623885.4	775.5	
S 1918	281807.5	1623883.1	789.2	
S 1919	282137.3	1623880.3	789.4	
S 1920	282467.4	1623881.8	788.6	
S 1921	282797.5	1623880.4	789.3	
S 1922	283127.5	1623876.5	785.5	
S 1923	283457.5	1623868.4	778.9	
S 1924	283787.2	1623859.3	770.1	
S 1925	284116.6	1623863.4	757.8	
S 1926	284446.4	1623872.1	750.8	
S 1927	284776.3	1623869.3	750.0	
S 1928	285106.3	1623860.0	750.1	
S 1929	285436.1	1623849.0	750.2	
S 1930	285766.2	1623842.3	756.1	
S 1931	286095.9	1623836.6	771.7	
S 1932	286425.8	1623832.7	783.1	
S 1933	286755.7	1623830.5	789.7	
S 1934	287085.6	1623827.6	786.9	
S 1935	287415.6	1623826.1	787.1	

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 PROJECTION: TRANSVERSE MERCATOR  
 TIES: PLATES (1678-2062 EOL) H=33313 V=-1.24

COORDINATE SYSTEM: AL [101]  
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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1936	287745.5	1623823.8	789.6	
S 1937	288075.4	1623823.3	791.9	
S 1938	288223.2	1623608.4	795.6	
S 1939	288218.2	1623278.6	799.8	
S 1940	288214.1	1622949.0	794.7	
S 1941	288219.3	1622619.8	788.9	
S 1942	288472.2	1622457.4	791.5	
S 1943	288802.0	1622451.4	799.9	
S 1944	289131.6	1622447.4	807.0	
S 1945	289461.6	1622444.0	807.9	
S 1946	289791.5	1622440.2	801.4	
S 1947	290121.3	1622439.1	791.5	
S 1948	290451.2	1622438.1	784.6	
S 1949	290781.1	1622437.0	778.5	
S 1950	291111.1	1622435.9	775.8	
S 1951	291441.1	1622434.9	774.6	
S 1952	291771.2	1622433.8	780.4	
S 1953	292101.1	1622434.0	778.2	
S 1954	292431.0	1622434.1	773.8	
S 1955	292761.0	1622434.3	770.7	
S 1956	293090.9	1622433.5	778.9	
S 1957	293420.7	1622436.7	789.2	
S 1958	293750.7	1622436.9	784.4	
S 1959	294080.7	1622437.1	783.4	
S 1960	294410.7	1622437.3	783.9	
S 1961	294740.8	1622437.4	787.4	
S 1962	295070.8	1622437.6	791.9	
S 1963	295400.8	1622437.8	790.9	
S 1964	295730.8	1622438.0	789.4	
S 1965	296060.8	1622438.2	787.7	
S 1966	296390.8	1622438.4	795.3	
S 1967	296720.8	1622438.6	808.9	
S 1968	297050.8	1622438.8	816.8	
S 1969	297380.7	1622439.1	821.9	
S 1970	297710.7	1622437.0	815.7	
S 1971	298040.6	1622434.8	814.5	
S 1972	298370.6	1622432.6	821.0	
S 1973	298700.6	1622430.4	829.2	
S 1974	299030.5	1622428.2	822.3	
S 1975	299360.5	1622426.0	824.0	
S 1976	299690.5	1622423.8	826.1	
S 1977	300020.4	1622421.6	829.8	
S 1978	300350.4	1622419.4	835.1	

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1979	300680.3	1622417.2	839.8	
S 1980	301010.2	1622415.1	846.7	
S 1981	301340.2	1622412.9	847.9	
S 1982	301530.7	1622557.4	845.5	
S 1983	301535.6	1622887.3	844.3	
S 1984	301538.5	1623217.4	843.6	
S 1985	301541.7	1623547.4	846.3	
S 1986	301670.6	1623782.0	841.1	
S 1987	302000.4	1623777.8	833.2	
S 1988	302330.4	1623772.4	831.1	
S 1989	302660.7	1623766.5	831.9	
S 1990	302990.5	1623762.0	833.6	
S 1991	303320.6	1623756.3	831.2	
S 1992	303650.4	1623750.6	826.5	
S 1993	303980.1	1623738.3	825.2	
S 1994	304310.1	1623729.9	828.6	
S 1995	304639.6	1623713.9	828.0	
S 1996	304969.2	1623697.8	829.5	
S 1997	305298.7	1623681.8	835.8	
S 1998	305628.3	1623665.4	841.1	
S 1999	305958.4	1623661.8	845.2	
S 2000	306288.6	1623661.0	847.5	
S 2001	306618.4	1623646.4	838.1	
S 2002	306947.6	1623630.1	841.2	
S 2003	307277.4	1623624.8	851.1	
S 2004	307607.4	1623623.5	855.1	
S 2005	307936.9	1623620.8	838.9	
S 2006	308267.1	1623618.0	846.9	
S 2007	308596.9	1623615.2	845.2	
S 2008	308926.7	1623612.4	837.2	
S 2009	309256.6	1623609.6	834.4	
S 2010	309586.3	1623606.9	821.2	
S 2011	309916.2	1623604.1	818.0	
S 2012	310246.0	1623601.3	815.2	
S 2013	310575.9	1623597.9	812.2	
S 2014	310905.5	1623598.1	801.8	
S 2015	311234.9	1623598.3	780.9	
S 2016	311564.4	1623598.5	773.3	
S 2017	311894.3	1623598.8	772.6	
S 2018	312224.2	1623599.0	772.9	
S 2019	312554.1	1623599.2	778.5	
S 2020	312884.1	1623599.4	797.5	
S 2021	313213.9	1623599.6	820.9	

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 2022	313543.5	1623599.9	843.3	
S 2023	313873.1	1623600.1	854.1	
S 2024	314202.8	1623600.3	862.0	
S 2025	314532.3	1623600.5	875.3	
S 2026	314861.9	1623600.7	888.9	
S 2027	315191.5	1623601.0	899.9	
S 2028	315521.5	1623603.5	895.1	
S 2029	315851.4	1623605.9	889.7	
S 2030	316181.5	1623608.4	892.3	
S 2031	316511.4	1623610.8	882.8	
S 2032	316841.3	1623613.3	867.0	
S 2033	317171.3	1623615.7	864.5	
S 2034	317501.2	1623618.2	853.6	
S 2035	317831.2	1623620.6	851.4	
S 2036	318161.2	1623623.1	860.5	
S 2037	318491.2	1623625.5	875.7	
S 2038	318821.3	1623628.0	882.2	
S 2039	319151.3	1623630.4	885.7	
S 2040	319481.2	1623632.9	885.1	
S 2041	319811.2	1623635.3	884.7	
S 2042	320141.2	1623637.1	886.8	
S 2043	320471.2	1623639.6	881.7	
S 2044	320801.2	1623642.1	878.7	
S 2045	321131.1	1623644.6	874.6	
S 2046	321461.0	1623647.0	864.5	
S 2047	321790.9	1623649.5	856.4	
S 2048	322120.9	1623652.0	858.9	
S 2049	322450.9	1623654.5	860.3	
S 2050	322781.0	1623656.9	864.1	
S 2051	323110.9	1623659.4	861.8	
S 2052	323440.9	1623661.9	858.4	
S 2053	323770.9	1623664.4	853.6	
S 2054	324100.8	1623666.8	850.9	
S 2055	324430.8	1623669.3	849.3	
S 2056	324760.8	1623671.4	848.3	
S 2057	325090.8	1623672.0	848.3	
S 2058	325420.8	1623672.5	847.7	
S 2059	325750.8	1623673.1	848.4	
S 2060	326080.8	1623673.6	844.3	
S 2061	326410.8	1623674.1	837.0	
S 2062	326740.7	1623680.9	837.7	