

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

COORDINATE SYSTEM: 4100 [4100]
 LINE: TN-3
 DATE: 02-05-1987
 FALSE EASTINGS: 2000000
 FALSE NORTHINGS: 0
 UNIT OF MEASURE: FEET

MAG(1-538) TIES(1-179 H=2087 V=-.13)

TIES(180-351) H=1491 V=+.46)

TIES(352-538) H=1050 V=-.61) PLATES (569-768 H=3025 V=-1.34)

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	1	897272.4	563159.0	255.6	
S	2	897233.0	562831.6	255.6	
S	3	897176.5	562506.9	258.0	
S	4	897120.1	562182.4	257.6	
S	5	897131.0	561852.9	256.9	
S	6	897141.9	561523.4	256.2	
S	7	897152.8	561193.9	255.9	
S	8	897163.7	560864.1	256.2	
S	9	897279.5	560556.6	257.7	
S	10	897395.9	560248.2	255.8	
S	11	897462.0	559929.4	256.2	
S	12	897478.2	559600.2	258.6	
S	13	897494.5	559271.0	255.1	
S	14	897510.7	558941.8	253.1	
S	15	897612.0	558629.8	253.7	
S	16	897714.2	558316.4	254.1	
S	17	897816.4	558003.0	255.7	
S	18	897918.6	557689.6	255.0	
S	19	898020.8	557376.2	254.4	
S	20	898123.0	557062.7	254.0	
S	21	898248.9	556760.6	253.7	
S	22	898427.2	556483.3	254.5	
S	23	898605.4	556206.1	255.2	
S	24	898783.7	555928.8	254.3	
S	25	898962.0	555651.5	254.4	
S	26	899117.1	555362.0	253.9	
S	27	899273.0	555071.2	253.7	
S	28	899428.9	554780.4	252.8	
S	29	899584.8	554489.6	252.3	
S	30	899740.7	554198.8	251.9	
S	31	899890.4	553904.9	252.0	
S	32	900033.9	553607.7	252.3	
S	33	900177.3	553310.6	251.4	
S	34	900321.6	553013.9	250.0	
S	35	900559.5	552793.7	253.2	
S	36	900828.9	552617.8	248.5	
S	37	901139.2	552510.3	256.0	
S	38	901415.0	552331.0	254.8	
S	39	901716.8	552233.3	253.7	
S	40	902034.9	552321.8	253.5	
S	41	902354.8	552400.8	253.5	
S	42	902674.7	552479.9	254.0	
S	43	902994.6	552559.0	252.8	

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	44	903319.7	552597.9	251.7	
S	45	903643.9	552549.2	251.8	
S	46	903940.3	552405.4	252.1	
S	47	904207.8	552212.2	252.6	
S	48	904461.8	552004.0	252.1	
S	49	904711.7	551790.0	252.3	
S	50	904961.6	551576.1	252.6	
S	51	905211.5	551362.1	253.5	
S	52	905452.7	551138.8	253.3	
S	53	905684.9	550905.7	252.9	
S	54	905917.0	550672.6	250.3	
S	55	906149.1	550439.5	250.0	
S	56	906381.3	550206.4	251.8	
S	57	906613.5	549973.3	251.1	
S	58	906757.4	549677.7	252.4	
S	59	906902.0	549381.1	253.6	
S	60	906958.1	549055.9	252.3	
S	61	907014.2	548730.7	252.2	
S	62	907070.4	548405.5	253.9	
S	63	907166.6	548093.8	255.1	
S	64	907427.0	547894.1	255.7	
S	65	907726.6	547755.7	254.9	
S	66	908025.8	547618.3	253.6	
S	67	908296.8	547431.5	254.4	
S	68	908568.2	547244.1	254.4	
S	69	908839.5	547056.8	254.0	
S	70	909135.8	546912.5	252.7	
S	71	909432.1	546768.2	252.0	
S	72	909728.4	546623.9	253.4	
S	73	910024.6	546479.7	253.8	
S	74	910316.0	546328.6	252.5	
S	75	910608.3	546175.9	251.3	
S	76	910900.7	546023.2	251.5	
S	77	911193.0	545870.5	252.6	
S	78	911485.3	545717.9	252.9	
S	79	911777.7	545565.2	253.1	
S	80	912070.0	545412.5	253.7	
S	81	912362.4	545259.8	253.7	
S	82	912682.6	545181.7	253.7	
S	83	913002.9	545103.6	254.0	
S	84	913323.1	545025.4	254.5	
S	85	913643.4	544947.3	254.9	
S	86	913947.3	544834.0	250.9	

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	87	914188.6	544609.8	252.5	
S	88	914376.8	544340.9	254.1	
S	89	914460.8	544022.2	254.2	
S	90	914515.2	543698.6	254.1	
S	91	914570.3	543373.8	252.5	
S	92	914625.3	543049.1	251.8	
S	93	914680.4	542724.4	253.1	
S	94	914735.5	542399.6	254.3	
S	95	914790.5	542074.9	254.1	
S	96	914889.8	541764.4	255.0	
S	97	915034.3	541468.4	253.8	
S	98	915178.9	541172.4	254.8	
S	99	915434.3	540965.3	253.2	
S	100	915699.5	540769.7	252.0	
S	101	915495.6	540560.3	253.9	
S	102	915200.5	540414.4	256.6	
S	103	914942.5	540214.2	254.5	
S	104	914976.9	539890.2	254.4	
S	105	915082.2	539577.5	254.1	
S	106	915193.5	539266.9	254.1	
S	107	915360.4	538986.2	254.6	
S	108	915676.7	538905.6	254.6	
S	109	916006.0	538932.3	254.6	
S	110	916331.5	538899.9	254.1	
S	111	916592.2	538700.2	253.3	
S	112	916822.2	538463.5	252.6	
S	113	917051.3	538226.0	251.2	
S	114	917315.0	538028.9	250.9	
S	115	917625.8	537926.0	250.8	
S	116	917952.7	537882.7	250.2	
S	117	918261.8	537769.7	251.5	
S	118	918565.1	537639.4	250.8	
S	119	918861.1	537494.6	250.3	
S	120	919080.8	537253.2	250.8	
S	121	919252.4	536971.4	251.6	
S	122	919491.8	536750.9	251.6	
S	123	919811.6	536671.3	251.5	
S	124	920131.9	536591.8	251.2	
S	125	920433.1	536459.7	251.3	
S	126	920713.7	536286.6	251.2	
S	127	920986.7	536101.6	251.2	
S	128	921294.8	535990.4	251.2	
S	129	921623.3	535962.5	252.5	

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	130	921947.1	536022.0	252.1	
S	131	922261.3	536121.4	253.4	
S	132	922574.4	536225.9	252.8	
S	133	922888.4	536327.5	252.7	
S	134	923201.3	536431.9	252.7	
S	135	923525.2	536441.1	252.3	
S	136	923834.9	536327.2	253.0	
S	137	924140.5	536203.4	253.1	
S	138	924437.0	536059.6	252.4	
S	139	924667.3	535826.0	256.1	
S	140	924788.0	535532.5	252.1	
S	141	924688.5	535218.1	251.8	
S	142	924569.4	534910.3	252.2	
S	143	924442.9	534605.6	251.6	
S	144	924325.6	534297.2	251.2	
S	145	924251.3	533976.1	250.8	
S	146	924276.4	533652.2	250.4	
S	147	924339.2	533328.3	250.4	
S	148	924402.0	533004.4	249.8	
S	149	924464.8	532680.5	251.6	
S	150	924527.6	532356.6	251.3	
S	151	924568.4	532029.3	250.5	
S	152	924609.2	531701.9	251.2	
S	153	924601.7	531373.7	253.0	
S	154	924557.1	531046.8	255.5	
S	155	924512.4	530720.0	257.8	
S	156	924467.8	530393.1	262.4	
S	157	924423.1	530066.5	274.8	
S	158	924378.6	529740.6	298.8	
S	159	924332.7	529414.2	302.7	
S	160	924577.6	529235.1	325.7	
S	161	924707.3	529016.1	343.1	
S	162	924629.2	528695.5	347.7	
S	163	924649.5	528390.5	347.8	
S	164	924978.7	528370.5	340.5	
S	165	925307.9	528350.4	339.1	
S	166	925637.2	528330.3	334.8	
S	167	925966.5	528310.3	327.6	
S	168	926295.7	528290.2	330.0	
S	169	926624.7	528266.3	334.6	
S	170	926947.2	528222.0	331.0	
S	171	927046.8	527908.1	323.2	
S	172	927148.1	527594.3	325.0	

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	173	927220.3	527275.4	328.0	
S	174	927316.0	526965.1	324.0	
S	175	927403.8	526653.8	326.2	
S	176	927387.7	526324.1	324.3	
S	177	927371.8	525994.6	322.6	
S	178	927352.6	525665.2	322.1	
S	179	927621.2	525528.0	319.5	
S	180	927950.9	525512.9	320.5	
S	181	928280.0	525489.2	319.0	
S	182	928586.4	525384.0	318.3	
S	183	928817.1	525150.2	321.6	
S	184	929094.4	524995.5	327.2	
S	185	929400.9	524876.5	344.6	
S	186	929707.1	524755.2	361.9	
S	187	930035.1	524746.9	361.2	
S	188	930364.9	524751.5	366.9	
S	189	930675.0	524664.5	376.3	
S	190	930723.9	524349.0	376.9	
S	191	930685.2	524021.7	383.3	
S	192	930667.8	523692.7	400.6	
S	193	930702.8	523370.2	412.9	
S	194	930990.3	523210.2	423.2	
S	195	931216.2	522970.2	423.8	
S	196	931355.2	522672.7	415.7	
S	197	931660.8	522551.3	426.6	
S	198	931966.9	522429.4	430.5	
S	199	932263.9	522286.5	426.6	
S	200	932560.8	522143.7	419.2	
S	201	932857.6	522000.9	412.0	
S	202	933113.2	521796.9	400.1	
S	203	933344.2	521561.7	383.3	
S	204	933575.4	521326.4	371.8	
S	205	933806.6	521091.0	365.2	
S	206	934037.8	520855.6	362.8	
S	207	934269.0	520620.4	369.2	
S	208	934500.1	520385.1	375.0	
S	209	934749.6	520172.3	370.1	
S	210	935043.5	520024.6	355.7	
S	211	935361.8	519942.6	350.8	
S	212	935691.0	519912.3	357.6	
S	213	935805.0	519646.5	342.4	
S	214	935783.6	519317.3	334.3	
S	215	935762.2	518988.0	328.5	

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	216	935740.8	518658.8	325.1	
S	217	935719.4	518329.5	323.0	
S	218	935697.9	518000.2	321.9	
S	219	935676.5	517671.0	320.2	
S	220	935655.1	517341.7	317.9	
S	221	935633.7	517012.5	314.3	
S	222	935612.3	516683.2	314.3	
S	223	935590.8	516354.0	312.2	
S	224	935569.4	516024.7	312.4	
S	225	935548.0	515695.4	312.6	
S	226	935526.6	515366.2	312.4	
S	227	935505.2	515036.9	313.1	
S	228	935483.7	514707.7	312.7	
S	229	935462.3	514378.4	312.6	
S	230	935440.9	514049.1	311.3	
S	231	935419.5	513719.9	312.7	
S	232	935350.9	513397.2	313.0	
S	233	935227.5	513091.4	315.0	
S	234	935155.5	512774.2	318.2	
S	235	935203.8	512447.8	319.7	
S	236	935235.5	512119.2	323.2	
S	237	935235.9	511791.3	327.3	
S	238	935219.9	511461.7	332.0	
S	239	935257.7	511137.4	344.6	
S	240	935422.4	510853.7	360.8	
S	241	935644.0	510610.7	386.5	
S	242	935792.9	510319.8	411.8	
S	243	935937.1	510058.5	418.2	
S	244	936258.2	509995.1	427.0	
S	245	936537.7	509822.3	435.3	
S	246	936628.8	509560.8	432.9	
S	247	936488.6	509265.4	422.6	
S	248	936270.9	509018.2	416.8	
S	249	936185.3	508705.8	407.2	
S	250	936284.5	508393.4	388.1	
S	251	936147.9	508118.4	390.0	
S	252	935995.7	507834.5	392.6	
S	253	936014.6	507505.6	384.7	
S	254	936033.5	507178.1	352.8	
S	255	936052.5	506848.7	340.4	
S	256	936071.4	506519.5	332.8	
S	257	936090.3	506191.2	345.9	
S	258	936085.3	505865.7	340.5	

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S	259	936059.8	505537.6	328.1	
S	260	936034.3	505209.5	329.6	
S	261	936008.9	504881.3	331.6	
S	262	936010.8	504554.8	336.4	
S	263	936073.6	504231.9	344.2	
S	264	936136.3	503908.8	348.5	
S	265	936199.1	503585.7	348.8	
S	266	936261.9	503262.8	360.1	
S	267	936323.5	502945.6	367.9	
S	268	936616.4	502877.1	374.7	
S	269	936592.0	502548.1	382.0	
S	270	936462.0	502247.0	381.0	
S	271	936522.7	501927.0	388.0	
S	272	936637.5	501624.1	395.1	
S	273	936948.7	501725.8	385.5	
S	274	937272.1	501759.1	385.5	
S	275	937601.0	501740.4	386.3	
S	276	937923.1	501810.6	392.0	
S	277	938249.0	501808.9	392.1	
S	278	938535.9	501646.0	389.3	
S	279	938811.4	501468.4	384.3	
S	280	939090.4	501292.2	389.4	
S	281	939361.6	501105.8	401.1	
S	282	939616.1	500895.7	403.9	
S	283	939870.2	500685.1	408.9	
S	284	940128.9	500480.6	418.8	
S	285	940394.6	500286.9	443.5	
S	286	940668.4	500105.3	444.8	
S	287	940967.1	499965.2	450.1	
S	288	941264.2	499822.2	459.7	
S	289	941538.7	499636.4	460.3	
S	290	941807.3	499453.8	449.5	
S	291	942062.6	499244.6	441.4	
S	292	942323.8	499043.7	436.6	
S	293	942635.1	498965.4	435.2	
S	294	942954.3	499044.8	422.2	
S	295	943275.8	499116.4	429.8	
S	296	943598.0	499070.9	440.8	
S	297	943912.9	498973.6	448.8	
S	298	944236.4	498907.5	444.5	
S	299	944562.3	498861.6	440.3	
S	300	944882.3	498787.9	439.2	
S	301	945153.2	498602.1	423.9	

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COORDINATE SYSTEM: 4100 [4100]
LINE: TN-3
DATE: 02-05-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

MAG(1-538) TIES(1-179 H=2087 V=-.13)

TIES(180-351) H=1491 V=+.46)

TIES(352-538) H=1050 V=-.61) PLATES (569-768 H=3025 V=-1.34)

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	302	945464.9	498541.8	420.3	
S	303	945792.7	498579.5	423.4	
S	304	946119.7	498624.9	424.2	
S	305	946446.9	498666.4	412.6	
S	306	946752.3	498554.3	404.1	
S	307	947038.2	498392.5	424.7	
S	308	947296.4	498188.0	449.8	
S	309	947552.6	497980.8	463.5	
S	310	947811.2	497775.2	455.4	
S	311	948001.0	497507.7	454.0	
S	312	948188.1	497236.2	445.7	
S	313	948376.0	496965.1	437.8	
S	314	948515.6	496669.6	428.0	
S	315	948476.1	496342.3	436.4	
S	316	948621.4	496062.0	441.7	
S	317	948906.0	495897.7	445.2	
S	318	949191.3	495732.8	448.4	
S	319	949434.8	495510.1	456.2	
S	320	949665.6	495274.5	453.9	
S	321	949899.5	495044.4	447.9	
S	322	950134.5	494813.0	439.8	
S	323	950369.6	494581.6	434.5	
S	324	950604.7	494350.3	438.0	
S	325	950845.9	494125.9	431.9	
S	326	951121.2	493947.3	432.0	
S	327	951428.7	493827.3	433.7	
S	328	951756.8	493794.9	417.4	
S	329	952084.7	493780.0	417.8	
S	330	952397.1	493876.4	416.0	
S	331	952690.6	494022.2	420.0	
S	332	953019.5	494025.6	435.3	
S	333	953346.0	493975.8	441.9	
S	334	953674.5	493995.1	452.7	
S	335	954003.9	494004.1	456.2	
S	336	954294.8	493868.9	448.8	
S	337	954557.8	493670.8	431.2	
S	338	954850.4	493520.7	419.0	
S	339	955143.4	493370.6	417.2	
S	340	955315.0	493102.1	409.7	
S	341	955284.6	492774.5	404.3	
S	342	955357.5	492530.9	412.3	
S	343	955685.9	492509.4	432.6	
S	344	956015.3	492491.6	439.5	

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

COORDINATE SYSTEM: 4100 [4100]
 LINE: TN-3
 DATE: 02-05-1987
 FALSE EASTINGS: 2000000
 FALSE NORTHINGS: 0
 UNIT OF MEASURE: FEET

MAG(1-538) TIES(1-179 H=2087 V=-.13)
 TIES(180-351) H=1491 V=+.46)
 TIES(352-538) H=1050 V=-.61) PLATES (569-768 H=3025 V=-1.34)

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	345	956344.2	492471.0	448.7	
S	346	956672.3	492436.3	437.1	
S	347	956795.1	492188.2	419.3	
S	348	956764.3	491860.5	396.5	
S	349	956729.3	491532.8	377.9	
S	350	956691.8	491205.1	371.2	
S	351	956648.8	490878.0	368.7	
S	352	956671.9	490552.6	367.3	
S	353	956913.5	490331.4	379.9	
S	354	957208.5	490189.0	378.5	
S	355	957499.3	490037.2	368.8	
S	356	957650.2	489744.7	369.4	
S	357	957751.3	489432.6	369.0	
S	358	957797.5	489106.6	360.8	
S	359	957764.7	488778.8	351.8	
S	360	957703.8	488454.5	345.0	
S	361	957685.5	488127.9	340.7	
S	362	957750.2	487806.4	331.4	
S	363	957897.1	487512.5	328.6	
S	364	958117.1	487266.6	327.0	
S	365	958372.4	487059.3	326.1	
S	366	958650.9	486889.9	327.9	
S	367	958932.3	486717.6	328.2	
S	368	959213.6	486545.3	331.8	
S	369	959494.9	486373.0	347.5	
S	370	959776.3	486200.7	348.7	
S	371	960057.7	486028.4	348.4	
S	372	960284.7	485788.4	350.4	
S	373	960510.4	485556.9	354.1	
S	374	960763.0	485342.2	341.6	
S	375	960917.8	485050.5	332.4	
S	376	961072.6	484758.8	329.2	
S	377	961227.4	484467.0	323.4	
S	378	961426.3	484206.0	321.5	
S	379	961600.9	483936.2	324.4	
S	380	961651.1	483614.5	317.1	
S	381	961702.6	483286.2	311.7	
S	382	961857.9	483026.9	310.3	
S	383	962186.8	483001.7	310.7	
S	384	962514.5	482965.9	319.5	
S	385	962842.0	482935.8	334.6	
S	386	963171.8	482922.9	333.5	
S	387	963498.2	482913.3	334.9	

CLIENT: CORNELL UNIV.
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COORDINATE SYSTEM: 4100 [4100]
 LINE: TN-3
 DATE: 02-05-1987
 FALSE EASTINGS: 2000000
 FALSE NORTHINGS: 0
 UNIT OF MEASURE: FEET

MAG(1-538) TIES(1-179 H=2087 V=-.13)
 TIES(180-351) H=1491 V=+.46)
 TIES(352-538) H=1050 V=-.61) PLATES (569-768 H=3025 V=-1.34)
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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	388	963827.8	482900.4	337.0	
S	389	964157.5	482887.5	332.6	
S	390	964487.1	482874.6	324.8	
S	391	964816.7	482861.7	322.3	
S	392	965146.3	482873.7	320.4	
S	393	965476.0	482885.7	318.9	
S	394	965805.7	482897.7	317.7	
S	395	966135.4	482909.8	317.4	
S	396	966465.0	482921.8	315.9	
S	397	966794.7	482933.8	315.0	
S	398	967118.7	482904.9	317.0	
S	399	967446.9	482871.5	319.8	
S	400	967775.1	482838.2	324.8	
S	401	968103.3	482804.8	325.0	
S	402	968431.6	482771.5	325.9	
S	403	968759.6	482738.2	334.8	
S	404	969085.7	482687.8	326.3	
S	405	969369.3	482604.5	328.5	
S	406	969334.8	482276.2	332.0	
S	407	969298.1	481948.5	333.1	
S	408	969259.2	481621.0	324.8	
S	409	969220.2	481293.3	323.4	
S	410	969181.3	480965.5	322.4	
S	411	969159.8	480636.7	323.4	
S	412	969170.8	480307.0	328.1	
S	413	969185.8	479980.7	330.7	
S	414	969295.9	479669.8	325.9	
S	415	969405.9	479359.0	325.9	
S	416	969524.0	479051.0	324.8	
S	417	969642.1	478743.2	314.1	
S	418	969760.2	478435.2	306.3	
S	419	969878.3	478127.3	303.1	
S	420	969996.4	477819.3	304.5	
S	421	970071.1	477501.8	302.1	
S	422	970147.0	477180.7	302.2	
S	423	970222.3	476859.5	303.4	
S	424	970410.1	476604.2	307.0	
S	425	970709.5	476465.7	313.5	
S	426	971012.0	476334.0	323.0	
S	427	971284.4	476157.3	326.1	
S	428	971543.5	475952.9	325.0	
S	429	971802.6	475748.5	328.0	
S	430	972061.6	475544.1	332.8	

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MAG(1-538) TIES(1-179 H=2087 V=-.13)

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	431	972320.7	475339.8	337.1	
S	432	972594.2	475155.2	339.6	
S	433	972867.8	474970.7	336.5	
S	434	973141.4	474786.1	337.1	
S	435	973415.0	474601.6	338.4	
S	436	973688.5	474417.0	348.4	
S	437	973999.1	474320.1	340.6	
S	438	974313.2	474219.4	337.3	
S	439	974627.2	474118.8	339.8	
S	440	974941.3	474018.2	342.4	
S	441	975255.4	473917.5	341.0	
S	442	975522.0	473722.8	342.5	
S	443	975792.5	473535.8	332.9	
S	444	976085.4	473390.2	330.4	
S	445	976384.5	473251.2	330.6	
S	446	976680.5	473105.8	333.1	
S	447	976905.6	472870.7	334.5	
S	448	976997.3	472556.4	327.9	
S	449	977078.7	472237.0	321.9	
S	450	977160.2	471917.5	317.4	
S	451	977241.6	471598.0	318.0	
S	452	977363.1	471291.4	317.3	
S	453	977484.6	470984.8	319.2	
S	454	977606.1	470678.2	326.8	
S	455	977859.5	470482.3	328.7	
S	456	978185.1	470429.9	333.1	
S	457	978510.6	470377.5	340.2	
S	458	978836.3	470325.1	336.7	
S	459	979161.9	470272.7	339.2	
S	460	979487.5	470220.3	341.8	
S	461	979808.5	470167.6	336.1	
S	462	980133.5	470110.7	332.9	
S	463	980458.5	470053.7	330.5	
S	464	980783.6	469996.8	330.1	
S	465	981108.5	469939.8	331.9	
S	466	981433.5	469882.9	335.5	
S	467	981741.5	469768.0	338.9	
S	468	982028.7	469605.7	336.2	
S	469	982342.1	469505.4	330.2	
S	470	982661.6	469437.7	310.1	
S	471	982983.6	469367.6	300.5	
S	472	983305.7	469297.4	297.2	
S	473	983627.8	469227.3	295.8	

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MAG(1-538) TIES(1-179 H=2087 V=-.13)
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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	474	983956.8	469204.5	294.4	
S	475	984285.8	469181.8	293.6	
S	476	984614.7	469159.1	293.2	
S	477	984943.6	469136.3	293.9	
S	478	985265.5	469079.6	294.1	
S	479	985590.2	469020.0	293.3	
S	480	985914.9	468960.4	293.5	
S	481	986226.1	468870.4	293.2	
S	482	986489.0	468670.7	293.3	
S	483	986751.9	468471.1	292.4	
S	484	987014.7	468271.5	293.3	
S	485	987277.6	468071.8	293.3	
S	486	987540.5	467872.2	297.0	
S	487	987803.3	467672.6	307.1	
S	488	988066.2	467473.0	314.6	
S	489	988330.0	467286.8	311.1	
S	490	988598.9	467095.3	311.1	
S	491	988867.6	466903.9	313.1	
S	492	989136.4	466712.4	315.7	
S	493	989405.2	466521.0	319.0	
S	494	989674.0	466329.6	326.2	
S	495	989942.7	466138.1	330.1	
S	496	990208.0	465942.7	335.8	
S	497	990473.4	465747.3	323.4	
S	498	990742.4	465560.0	322.0	
S	499	991003.5	465358.1	329.9	
S	500	991251.7	465141.7	338.5	
S	501	991487.2	464910.4	333.4	
S	502	991722.8	464679.2	335.7	
S	503	991958.4	464447.9	341.8	
S	504	992188.1	464217.9	330.9	
S	505	992422.6	463986.2	320.8	
S	506	992657.2	463756.8	317.7	
S	507	992912.5	463546.3	335.2	
S	508	993210.1	463405.3	332.8	
S	509	993530.5	463327.4	330.1	
S	510	993850.8	463249.5	316.0	
S	511	994171.2	463171.6	313.5	
S	512	994491.6	463093.7	315.8	
S	513	994812.0	463015.8	320.4	
S	514	995132.4	462937.9	315.7	
S	515	995452.8	462859.9	315.4	
S	516	995761.4	462761.3	314.7	

CLIENT: CORNELL UNIV.
 PROSPECT: TN. AREA
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 ORIGIN, LATITUDE: 34.2300
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 PROJECTION: LAMBERT

COORDINATE SYSTEM: 4100 [4100]
 LINE: TN-3
 DATE: 02-05-1987
 FALSE EASTINGS: 2000000
 FALSE NORTHINGS: 0
 UNIT OF MEASURE: FEET

MAG(1-538) TIES(1-179 H=2087 V=-.13)
 TIES(180-351) H=1491 V=+.46)
 TIES(352-538) H=1050 V=-.61) PLATES (569-768 H=3025 V=-1.34)

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	517	996071.9	462649.7	315.1	
S	518	996382.3	462538.2	323.6	
S	519	996692.8	462426.6	326.1	
S	520	997003.2	462315.1	327.6	
S	521	997313.7	462203.5	327.6	
S	522	997638.6	462147.5	327.4	
S	523	997963.5	462091.5	328.3	
S	524	998288.4	462035.6	328.8	
S	525	998613.3	461979.6	330.4	
S	526	998938.2	461923.6	336.4	
S	527	999253.6	461850.1	339.4	
S	528	999574.0	461771.4	345.8	
S	529	999894.3	461692.6	356.8	
S	530	1000214.8	461613.8	356.3	
S	531	1000535.3	461535.0	357.4	
S	532	1000855.9	461456.2	356.8	
S	533	1001176.4	461377.4	359.1	
S	534	1001496.9	461298.5	369.5	
S	535	1001817.2	461219.8	381.4	
S	536	1002132.8	461125.4	383.6	
S	537	1002443.8	461015.5	371.4	
S	538	1002754.8	460905.5	361.8	
S	539	1003071.2	460818.5	360.1	
S	540	1003391.0	460737.7	360.0	
S	541	1003710.9	460656.8	357.7	
S	542	1004030.7	460575.9	361.7	
S	543	1004350.5	460495.1	373.4	
S	544	1004670.3	460414.3	379.3	
S	545	1004989.9	460332.0	364.8	
S	546	1005309.6	460250.4	360.1	
S	547	1005629.3	460168.7	359.7	
S	548	1005949.1	460087.1	363.0	
S	549	1006268.8	460005.4	375.9	
S	550	1006587.0	459917.2	368.2	
S	551	1006905.0	459829.5	363.7	
S	552	1007223.1	459741.8	362.8	
S	553	1007541.1	459654.1	354.6	
S	554	1007859.1	459566.4	350.8	
S	555	1008177.2	459478.7	355.5	
S	556	1008495.3	459391.0	364.5	
S	557	1008813.4	459303.3	368.1	
S	558	1009131.4	459215.6	369.5	
S	559	1009449.5	459127.9	377.0	

CLIENT: CORNELL UNIV.
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 ORIGIN, LATITUDE: 34.2300
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COORDINATE SYSTEM: 4100 [4100]
 LINE: TN-3
 DATE: 02-05-1987
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 UNIT OF MEASURE: FEET

MAG(1-538) TIES(1-179 H=2087 V=-.13)
 TIES(180-351) H=1491 V=+.46)
 TIES(352-538) H=1050 V=-.61) PLATES (569-768 H=3025 V=-1.34)
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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	560	1009767.5	459040.2	391.2	
S	561	1010085.5	458952.5	388.9	
S	562	1010402.3	458853.7	388.1	
S	563	1010720.1	458765.1	389.0	
S	564	1011038.0	458676.5	379.2	
S	565	1011355.8	458587.8	378.5	
S	566	1011673.6	458499.2	378.0	
S	567	1011991.4	458410.6	378.4	
S	568	1012309.3	458322.0	378.4	
S	569	1012627.1	458233.3	381.2	
S	570	1012944.9	458144.7	385.8	
S	571	1013262.6	458056.2	395.2	
S	572	1013574.7	457949.8	387.3	
S	573	1013886.9	457843.4	380.8	
S	574	1014199.2	457737.1	378.1	
S	575	1014511.4	457630.7	371.0	
S	576	1014830.8	457548.0	371.5	
S	577	1015151.5	457471.0	387.4	
S	578	1015472.2	457394.7	399.4	
S	579	1015793.5	457319.9	407.2	
S	580	1016114.4	457242.2	392.2	
S	581	1016434.9	457165.5	378.4	
S	582	1016755.6	457088.8	369.6	
S	583	1017076.7	457012.0	371.7	
S	584	1017397.5	456935.2	367.9	
S	585	1017718.4	456858.4	369.9	
S	586	1018039.3	456781.6	375.7	
S	587	1018360.2	456704.8	384.3	
S	588	1018681.1	456628.1	388.5	
S	589	1018996.4	456528.6	386.8	
S	590	1019311.2	456430.1	386.4	
S	591	1019626.1	456331.6	388.2	
S	592	1019940.9	456233.2	387.5	
S	593	1020255.8	456134.7	383.3	
S	594	1020570.7	456036.2	382.1	
S	595	1020758.3	455841.6	387.2	
S	596	1020715.6	455514.6	395.6	
S	597	1020673.0	455187.3	402.2	
S	598	1020611.6	454862.9	398.1	
S	599	1020550.2	454538.7	391.6	
S	600	1020488.7	454214.6	389.0	
S	601	1020747.2	454135.3	387.2	
S	602	1021076.6	454116.2	384.6	

CLIENT: CORNELL UNIV.
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COORDINATE SYSTEM: 4100 [4100]
 LINE: TN-3
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 FALSE EASTINGS: 2000000
 FALSE NORTHINGS: 0
 UNIT OF MEASURE: FEET

MAG(1-538) TIES(1-179 H=2087 V=-.13)
 TIES(180-351) H=1491 V=+.46)
 TIES(352-538) H=1050 V=-.61) PLATES (569-768 H=3025 V=-1.34)

PAGE: 15

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	603	1021406.1	454097.2	382.4	
S	604	1021735.5	454078.1	380.1	
S	605	1022064.9	454059.1	378.0	
S	606	1022394.4	454040.0	375.3	
S	607	1022723.8	454020.9	370.8	
S	608	1023053.2	454001.9	365.9	
S	609	1023382.6	453982.8	361.0	
S	610	1023712.1	453963.8	356.7	
S	611	1024041.5	453944.7	353.8	
S	612	1024371.0	453925.7	352.7	
S	613	1024700.4	453906.6	351.0	
S	614	1025029.8	453887.6	349.3	
S	615	1025359.3	453868.5	351.6	
S	616	1025688.8	453849.4	357.3	
S	617	1026018.2	453830.4	356.2	
S	618	1026347.6	453811.3	353.8	
S	619	1026677.1	453792.3	353.4	
S	620	1027006.6	453773.2	354.6	
S	621	1027099.2	453526.5	352.3	
S	622	1027080.4	453197.1	352.9	
S	623	1027250.8	453042.6	361.1	
S	624	1027580.3	453024.6	364.1	
S	625	1027909.4	453006.6	365.7	
S	626	1028238.9	452988.4	357.0	
S	627	1028568.1	452970.4	343.5	
S	628	1028897.8	452952.4	346.9	
S	629	1029227.3	452934.4	347.6	
S	630	1029556.8	452916.4	352.4	
S	631	1029886.4	452898.4	363.8	
S	632	1030215.5	452875.2	356.9	
S	633	1030544.5	452852.6	348.9	
S	634	1030873.5	452841.3	344.9	
S	635	1030914.9	453166.3	350.2	
S	636	1031228.1	453095.0	346.5	
S	637	1031556.2	453066.5	346.1	
S	638	1031868.4	452966.8	351.4	
S	639	1032171.4	452837.0	346.3	
S	640	1032484.4	452735.8	343.6	
S	641	1032804.9	452656.2	345.1	
S	642	1033099.6	452506.6	345.4	
S	643	1033358.7	452302.4	346.9	
S	644	1033567.1	452049.6	349.6	
S	645	1033792.9	451809.5	347.4	

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

COORDINATE SYSTEM: 4100 [4100]
LINE: TN-3
DATE: 02-05-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

MAG(1-538) TIES(1-179 H=2087 V=-.13)
TIES(180-351) H=1491 V=+.46)
TIES(352-538) H=1050 V=-.61) PLATES (569-768 H=3025 V=-1.34)
PAGE: 16

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	646	1034040.7	451591.3	347.2	
S	647	1034312.3	451408.6	349.0	
S	648	1034622.4	451296.0	351.4	
S	649	1034932.6	451183.4	355.7	
S	650	1035240.8	451064.6	358.2	
S	651	1035533.2	450911.1	361.6	
S	652	1035825.5	450757.9	358.7	
S	653	1036117.7	450604.7	360.8	
S	654	1036410.0	450451.5	358.9	
S	655	1036699.1	450291.7	358.5	
S	656	1036988.0	450132.4	360.1	
S	657	1037276.9	449973.0	359.5	
S	658	1037554.6	449794.9	362.0	
S	659	1037828.7	449609.9	366.5	
S	660	1038116.9	449449.6	374.2	
S	661	1038405.2	449289.3	373.9	
S	662	1038695.9	449133.9	381.1	
S	663	1038989.2	448983.4	389.4	
S	664	1039282.4	448832.9	402.2	
S	665	1039576.0	448682.0	399.7	
S	666	1039869.3	448531.6	387.1	
S	667	1040162.9	448381.1	386.8	
S	668	1040456.6	448230.6	394.4	
S	669	1040750.2	448080.1	405.4	
S	670	1041050.9	447944.8	410.1	
S	671	1041356.9	447819.9	408.1	
S	672	1041662.5	447695.7	407.8	
S	673	1041968.1	447571.6	394.5	
S	674	1042273.7	447447.4	392.7	
S	675	1042579.4	447323.3	393.5	
S	676	1042885.0	447199.1	389.4	
S	677	1043190.7	447074.9	397.9	
S	678	1043496.4	446950.7	403.9	
S	679	1043802.0	446826.6	412.7	
S	680	1044095.8	446674.9	417.9	
S	681	1044350.3	446465.6	422.4	
S	682	1044588.9	446238.7	403.3	
S	683	1044827.7	446011.8	389.1	
S	684	1045066.3	445785.1	369.7	
S	685	1045305.4	445557.9	364.7	
S	686	1045544.9	445330.4	374.5	
S	687	1045784.1	445103.1	383.4	
S	688	1046023.2	444875.9	388.1	

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

COORDINATE SYSTEM: 4100 [4100]
LINE: TN-3
DATE: 02-05-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

MAG(1-538) TIES(1-179 H=2087 V=-.13)
TIES(180-351) H=1491 V=+.46)
TIES(352-538) H=1050 V=-.61) PLATES (569-768 H=3025 V=-1.34)
PAGE: 17

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	689	1046262.2	444648.8	384.5	
S	690	1046508.3	444428.6	369.0	
S	691	1046754.2	444209.1	367.1	
S	692	1047020.8	444015.0	360.6	
S	693	1047285.3	443817.4	348.5	
S	694	1047549.8	443620.1	342.1	
S	695	1047814.3	443422.7	342.5	
S	696	1048078.8	443225.3	341.5	
S	697	1048343.3	443027.9	344.9	
S	698	1048607.9	442830.5	352.1	
S	699	1048872.3	442633.2	351.4	
S	700	1049136.8	442435.8	354.5	
S	701	1049401.3	442238.5	362.8	
S	702	1049637.3	442005.8	367.5	
S	703	1049872.7	441774.3	381.5	
S	704	1050089.2	441525.6	368.8	
S	705	1050293.2	441266.3	360.6	
S	706	1050487.8	440998.1	350.7	
S	707	1050675.7	440726.5	349.3	
S	708	1050863.5	440455.2	359.2	
S	709	1051051.3	440183.8	365.1	
S	710	1051239.0	439912.6	376.9	
S	711	1051426.7	439641.3	385.7	
S	712	1051607.0	439365.1	385.2	
S	713	1051787.2	439088.8	384.5	
S	714	1051967.5	438812.6	386.5	
S	715	1052147.8	438536.3	387.9	
S	716	1052328.0	438260.1	382.6	
S	717	1052499.5	437977.6	377.2	
S	718	1052670.7	437696.0	361.0	
S	719	1052842.1	437414.4	350.7	
S	720	1053013.6	437132.5	349.7	
S	721	1053185.0	436850.6	348.8	
S	722	1053356.4	436568.9	339.0	
S	723	1053527.7	436287.3	327.0	
S	724	1053699.2	436005.5	322.2	
S	725	1053870.6	435723.7	320.7	
S	726	1054042.1	435441.8	321.5	
S	727	1054213.5	435159.9	321.7	
S	728	1054385.0	434878.1	321.2	
S	729	1054556.5	434596.2	322.9	
S	730	1054749.5	434328.8	323.7	
S	731	1055000.7	434116.5	322.2	

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

COORDINATE SYSTEM: 4100 [4100]
 LINE: TN-3
 DATE: 02-05-1987
 FALSE EASTINGS: 2000000
 FALSE NORTHINGS: 0
 UNIT OF MEASURE: FEET

MAG(1-538) TIES(1-179 H=2087 V=-.13)
 TIES(180-351) H=1491 V=+.46)
 TIES(352-538) H=1050 V=-.61) PLATES (569-768 H=3025 V=-1.34)
 PAGE: 18

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	732	1055273.4	433930.2	322.6	
S	733	1055563.3	433773.3	326.1	
S	734	1055870.0	433647.5	328.4	
S	735	1056175.8	433523.7	330.6	
S	736	1056481.7	433399.8	332.2	
S	737	1056787.5	433276.0	334.2	
S	738	1057093.3	433152.2	337.8	
S	739	1057399.2	433028.3	337.6	
S	740	1057705.0	432904.5	337.8	
S	741	1058010.9	432780.6	338.5	
S	742	1058316.7	432656.8	347.0	
S	743	1058622.5	432533.0	356.0	
S	744	1058928.3	432409.2	359.1	
S	745	1059234.2	432285.3	357.6	
S	746	1059545.9	432177.1	357.0	
S	747	1059862.0	432079.7	349.3	
S	748	1060177.6	431983.9	343.8	
S	749	1060493.2	431888.0	343.6	
S	750	1060808.7	431792.1	344.3	
S	751	1061124.3	431696.2	347.7	
S	752	1061439.9	431600.3	353.0	
S	753	1061755.5	431504.4	361.8	
S	754	1062071.0	431408.6	377.7	
S	755	1062386.5	431312.7	385.9	
S	756	1062710.1	431247.6	384.4	
S	757	1063033.1	431183.5	374.7	
S	758	1063356.2	431119.5	367.2	
S	759	1063679.4	431055.4	366.5	
S	760	1063964.2	430888.9	364.5	
S	761	1064237.3	430704.3	350.9	
S	762	1064512.7	430522.9	344.7	
S	763	1064796.8	430355.6	340.2	
S	764	1065098.9	430221.8	335.5	
S	765	1065400.8	430088.6	334.5	
S	766	1065702.7	429955.3	337.3	
S	767	1066004.6	429822.0	344.7	
S	768	1066299.0	429672.2	341.5	

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-3
DATE: 02-24-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

TIES:MAG.(769-867) H=1:1498 V=+1.15
TIES:PLATES(868-1113) H=1:5597 V=-0.13

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	769	1066561.6	429475.4	340.4	
S	770	1066825.5	429277.4	337.5	
S	771	1067089.5	429079.4	336.3	
S	772	1067353.5	428881.4	336.3	
S	773	1067617.5	428683.3	334.7	
S	774	1067881.5	428485.3	333.5	
S	775	1068145.5	428287.3	333.1	
S	776	1068422.8	428110.2	331.8	
S	777	1068698.8	427929.8	330.3	
S	778	1068931.6	427695.3	328.2	
S	779	1069196.7	427503.8	328.8	
S	780	1069521.8	427475.4	330.9	
S	781	1069843.0	427550.2	331.8	
S	782	1070172.6	427543.4	331.7	
S	783	1070501.7	427520.0	333.6	
S	784	1070831.0	427496.7	334.4	
S	785	1071160.2	427473.3	340.0	
S	786	1071489.4	427449.9	345.2	
S	787	1071818.6	427426.6	347.7	
S	788	1072147.8	427403.2	351.2	
S	789	1072477.0	427379.8	344.3	
S	790	1072798.7	427326.1	343.9	
S	791	1073119.4	427249.5	345.7	
S	792	1073440.1	427173.0	348.3	
S	793	1073765.0	427124.8	349.9	
S	794	1074053.4	427019.1	347.6	
S	795	1074259.1	426760.6	351.9	
S	796	1074464.9	426503.2	360.8	
S	797	1074673.5	426251.5	367.5	
S	798	1074884.3	425998.1	361.4	
S	799	1075095.0	425744.8	365.5	
S	800	1075305.7	425491.4	365.2	
S	801	1075516.4	425238.1	372.3	
S	802	1075727.1	424984.6	372.8	
S	803	1075937.7	424731.4	383.2	
S	804	1076182.0	424509.8	379.4	
S	805	1076426.3	424288.2	372.2	
S	806	1076670.7	424066.6	373.0	
S	807	1076915.0	423845.0	368.3	
S	808	1077159.3	423623.4	355.5	
S	809	1077403.6	423401.8	344.3	
S	810	1077648.0	423180.2	334.9	
S	811	1077892.3	422958.6	331.8	

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-3
DATE: 02-24-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

TIES:MAG.(769-867) H=1:1498 V=+1.15
TIES:PLATES(868-1113) H=1:5597 V=-0.13

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	812	1078136.6	422737.0	330.6	
S	813	1078380.9	422515.4	331.7	
S	814	1078625.3	422293.7	333.6	
S	815	1078869.6	422072.2	333.1	
S	816	1079113.9	421850.5	332.7	
S	817	1079358.3	421628.8	343.7	
S	818	1079602.8	421407.1	357.0	
S	819	1079725.2	421108.9	371.1	
S	820	1079725.7	420779.2	373.2	
S	821	1079726.5	420450.0	365.5	
S	822	1079830.3	420142.8	368.9	
S	823	1080018.1	419871.7	357.1	
S	824	1080206.0	419600.5	351.0	
S	825	1080393.9	419329.4	348.6	
S	826	1080581.9	419058.2	344.9	
S	827	1080769.8	418787.1	343.9	
S	828	1080957.1	418515.5	343.5	
S	829	1081144.4	418243.9	343.2	
S	830	1081331.7	417972.3	346.0	
S	831	1081519.1	417700.7	343.9	
S	832	1081706.4	417429.1	344.1	
S	833	1081893.7	417157.5	343.0	
S	834	1082101.9	416901.5	344.2	
S	835	1082345.7	416676.6	346.8	
S	836	1082634.1	416516.8	345.6	
S	837	1082922.5	416357.0	344.1	
S	838	1083210.9	416197.3	347.3	
S	839	1083499.3	416037.5	345.4	
S	840	1083798.7	415917.5	346.0	
S	841	1084128.1	415904.7	352.7	
S	842	1084457.5	415891.9	359.0	
S	843	1084786.9	415879.2	365.2	
S	844	1085116.2	415866.4	374.7	
S	845	1085445.5	415853.6	381.7	
S	846	1085619.6	415690.1	366.3	
S	847	1085596.7	415361.4	354.8	
S	848	1085573.9	415032.6	348.7	
S	849	1085611.4	414706.9	343.1	
S	850	1085578.9	414379.5	338.7	
S	851	1085553.8	414050.5	336.7	
S	852	1085528.6	413721.6	336.0	
S	853	1085533.7	413393.1	335.9	
S	854	1085814.7	413259.1	334.6	

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-3
DATE: 02-24-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

TIES:MAG.(769-867) H=1:1498 V=+1.15
TIES:PLATES(868-1113) H=1:5597 V=-0.13

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	855	1086144.1	413239.1	336.3	
S	856	1086473.8	413227.1	339.3	
S	857	1086802.5	413227.9	343.6	
S	858	1087132.3	413227.8	344.3	
S	859	1087461.9	413219.2	347.2	
S	860	1087791.2	413202.2	346.9	
S	861	1088120.6	413185.2	347.7	
S	862	1088442.2	413233.5	349.6	
S	863	1088765.2	413274.0	351.0	
S	864	1089095.1	413257.7	355.9	
S	865	1089425.1	413241.5	362.9	
S	866	1089755.0	413225.3	369.4	
S	867	1090085.0	413209.0	366.1	
S	868	1090169.2	412951.0	363.2	
S	869	1090154.0	412621.4	355.7	
S	870	1090143.7	412292.1	353.8	
S	871	1090392.7	412117.7	353.6	
S	872	1090722.1	412097.4	355.5	
S	873	1091051.6	412079.4	351.6	
S	874	1091380.3	412066.0	351.3	
S	875	1091711.3	412059.0	350.8	
S	876	1092040.4	412037.1	344.3	
S	877	1092365.0	411976.8	339.5	
S	878	1092688.3	411910.7	337.4	
S	879	1092992.8	411787.1	336.9	
S	880	1093274.1	411614.5	337.7	
S	881	1093552.7	411437.7	338.6	
S	882	1093819.5	411242.5	337.8	
S	883	1093973.2	410954.8	339.2	
S	884	1094033.6	410630.3	338.9	
S	885	1094109.8	410309.5	338.1	
S	886	1094268.7	410024.7	342.9	
S	887	1094504.7	409794.2	349.3	
S	888	1094740.0	409563.6	363.6	
S	889	1094976.6	409334.9	382.7	
S	890	1095246.4	409149.0	386.8	
S	891	1095572.5	409113.2	406.7	
S	892	1095746.9	408860.3	428.1	
S	893	1095828.7	408540.7	435.2	
S	894	1095938.9	408232.2	435.2	
S	895	1096190.0	408019.0	434.6	
S	896	1096445.7	407810.5	436.0	
S	897	1096697.4	407597.2	427.9	

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-3
DATE: 02-24-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

TIES:MAG.(769-867) H=1:1498 V=+1.15
TIES:PLATES(868-1113) H=1:5597 V=-0.13

PAGE: 22

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	898	1096988.9	407443.5	423.6	
S	899	1097280.2	407289.8	412.5	
S	900	1097571.6	407136.1	403.1	
S	901	1097862.9	406982.5	391.3	
S	902	1098154.2	406828.8	381.7	
S	903	1098445.7	406675.1	376.6	
S	904	1098737.2	406521.3	376.8	
S	905	1099028.3	406366.7	377.9	
S	906	1099337.0	406254.3	385.3	
S	907	1099666.5	406230.3	388.4	
S	908	1099995.5	406206.5	393.7	
S	909	1100324.4	406182.7	404.6	
S	910	1100652.8	406159.7	420.7	
S	911	1100979.8	406121.6	437.0	
S	912	1101293.5	406021.6	452.2	
S	913	1101576.6	405854.0	462.2	
S	914	1101813.9	405625.4	466.2	
S	915	1101991.1	405347.8	474.5	
S	916	1102095.6	405035.4	478.8	
S	917	1102138.8	404708.6	482.1	
S	918	1102163.4	404379.8	485.1	
S	919	1102188.4	404050.4	487.9	
S	920	1102211.2	403721.1	486.0	
S	921	1102234.6	403391.9	482.5	
S	922	1102257.3	403062.6	477.1	
S	923	1102280.7	402733.5	471.2	
S	924	1102269.9	402404.2	469.2	
S	925	1102196.9	402082.8	463.8	
S	926	1102054.1	401785.8	464.2	
S	927	1101856.8	401521.7	464.0	
S	928	1101610.0	401303.5	464.3	
S	929	1101324.7	401138.4	460.8	
S	930	1101032.4	400986.3	447.1	
S	931	1100765.6	400794.7	427.8	
S	932	1100531.1	400563.9	415.4	
S	933	1100342.7	400293.1	412.9	
S	934	1100203.2	399994.7	406.7	
S	935	1100113.2	399677.5	398.4	
S	936	1100082.1	399349.1	390.0	
S	937	1100063.4	399019.6	384.0	
S	938	1100044.8	398690.3	379.3	
S	939	1100028.5	398360.8	373.9	
S	940	1100023.1	398030.8	375.3	

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-3
DATE: 02-24-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

TIES:MAG.(769-867) H=1:1498 V=+1.15
TIES:PLATES(868-1113) H=1:5597 V=-0.13

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	941	1100031.4	397700.8	375.1	
S	942	1100095.3	397377.8	372.1	
S	943	1100235.9	397079.7	372.6	
S	944	1100399.7	396792.9	379.3	
S	945	1100552.7	396500.9	385.3	
S	946	1100688.7	396200.5	388.5	
S	947	1100792.4	395887.0	384.0	
S	948	1100880.8	395569.3	383.4	
S	949	1100969.7	395251.4	383.6	
S	950	1101047.9	394930.8	383.6	
S	951	1101095.3	394604.4	386.2	
S	952	1101099.0	394274.1	387.5	
S	953	1101080.6	393944.6	383.2	
S	954	1101062.2	393615.1	385.4	
S	955	1101043.8	393285.7	380.8	
S	956	1101025.4	392956.2	377.5	
S	957	1101007.0	392626.7	379.8	
S	958	1100988.6	392297.2	382.2	
S	959	1100970.2	391967.7	382.3	
S	960	1100951.8	391638.2	381.6	
S	961	1100933.4	391308.8	381.4	
S	962	1100915.0	390979.3	381.3	
S	963	1100896.6	390649.8	379.0	
S	964	1100878.2	390320.3	375.4	
S	965	1100859.8	389990.9	373.2	
S	966	1100841.4	389661.4	373.3	
S	967	1100820.3	389332.0	379.4	
S	968	1100795.4	389003.2	372.7	
S	969	1100769.6	388674.2	370.8	
S	970	1100743.7	388345.2	370.4	
S	971	1100717.9	388016.2	370.4	
S	972	1100692.1	387687.2	370.8	
S	973	1100666.3	387358.2	371.4	
S	974	1100639.0	387029.1	372.2	
S	975	1100618.3	386699.6	370.9	
S	976	1100606.3	386369.9	372.8	
S	977	1100596.6	386040.0	376.7	
S	978	1100577.7	385710.4	373.6	
S	979	1100558.0	385381.0	374.3	
S	980	1100537.6	385051.7	374.9	
S	981	1100517.3	384722.3	373.2	
S	982	1100497.0	384392.9	373.4	
S	983	1100476.7	384063.6	374.0	

CLIENT: CORNELL UNIV.
 PROSPECT: TN. AREA
 SURVEYOR: MICHAEL LEE
 ORIGIN, LATITUDE: 34.2300
 ORIGIN, LONGITUDE: 86.0000
 PROJECTION: LAMBERT
 TIES:MAG.(769-867) H=1:1498 V=+1.15
 TIES:PLATES(868-1113) H=1:5597 V=-0.13

COORDINATE SYSTEM: TN. [4100]
 LINE: TN-3
 DATE: 02-24-1987
 FALSE EASTINGS: 2000000
 FALSE NORTHINGS: 0
 UNIT OF MEASURE: FEET

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	984	1100456.3	383734.2	372.8	
S	985	1100436.0	383404.8	368.9	
S	986	1100415.7	383075.5	367.3	
S	987	1100393.5	382746.0	368.3	
S	988	1100387.4	382415.9	371.7	
S	989	1100597.3	382169.8	373.3	
S	990	1100735.2	381882.3	374.0	
S	991	1100722.0	381552.4	373.2	
S	992	1100705.2	381222.6	371.6	
S	993	1100687.6	380893.2	372.8	
S	994	1100676.5	380563.6	369.8	
S	995	1100663.3	380233.9	372.6	
S	996	1100647.9	379904.2	369.2	
S	997	1100630.6	379574.8	361.9	
S	998	1100614.4	379245.1	361.3	
S	999	1100609.2	378915.6	364.4	
S	1000	1100729.5	378611.6	361.8	
S	1001	1100945.1	378362.2	356.6	
S	1002	1101164.9	378116.0	355.1	
S	1003	1101384.3	377869.6	352.1	
S	1004	1101605.5	377624.9	341.6	
S	1005	1101800.0	377358.3	339.5	
S	1006	1101903.6	377044.5	341.0	
S	1007	1101986.7	376725.1	343.0	
S	1008	1102069.8	376405.7	341.9	
S	1009	1102152.9	376086.4	343.4	
S	1010	1102236.4	375767.0	342.9	
S	1011	1102341.9	375455.4	341.4	
S	1012	1102555.2	375206.7	342.1	
S	1013	1102853.0	375067.7	343.0	
S	1014	1103161.0	374949.1	342.6	
S	1015	1103468.9	374830.5	343.1	
S	1016	1103776.9	374711.9	343.5	
S	1017	1104085.5	374595.2	348.7	
S	1018	1104394.0	374477.6	351.8	
S	1019	1104703.1	374362.1	351.9	
S	1020	1105018.5	374268.1	352.7	
S	1021	1105346.7	374234.6	353.6	
S	1022	1105675.3	374203.6	355.3	
S	1023	1106004.0	374172.9	361.4	
S	1024	1106332.9	374144.4	360.8	
S	1025	1106662.0	374123.0	362.4	
S	1026	1106991.5	374105.5	364.8	

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-3
DATE: 02-24-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

TIES:MAG.(769-867) H=1:1498 V=+1.15
TIES:PLATES(868-1113) H=1:5597 V=-0.13

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1027	1107321.2	374092.0	365.6	
S 1028	1107651.0	374076.7	365.0	
S 1029	1107956.5	373955.8	363.2	
S 1030	1108191.1	373723.2	363.5	
S 1031	1108420.3	373485.5	366.5	
S 1032	1108649.8	373249.0	374.7	
S 1033	1108883.8	373016.5	382.0	
S 1034	1109164.8	372846.2	389.3	
S 1035	1109463.5	372705.4	395.1	
S 1036	1109761.7	372565.1	404.2	
S 1037	1110041.1	372388.9	401.0	
S 1038	1110297.1	372181.3	391.0	
S 1039	1110553.4	371973.4	395.5	
S 1040	1110809.4	371765.7	388.6	
S 1041	1111065.5	371558.0	383.9	
S 1042	1111321.7	371350.2	391.6	
S 1043	1111577.9	371142.4	410.1	
S 1044	1111833.9	370934.7	426.2	
S 1045	1112090.0	370727.1	435.2	
S 1046	1112345.6	370519.0	451.1	
S 1047	1112607.6	370319.6	452.6	
S 1048	1112902.3	370170.0	449.0	
S 1049	1113196.5	370020.5	448.7	
S 1050	1113490.1	369870.5	454.3	
S 1051	1113781.6	369715.4	461.2	
S 1052	1114053.7	369528.4	461.1	
S 1053	1114325.5	369341.5	475.6	
S 1054	1114597.3	369154.5	482.7	
S 1055	1114869.1	368967.5	490.9	
S 1056	1115140.9	368783.0	508.1	
S 1057	1115403.8	368584.3	520.8	
S 1058	1115661.0	368377.3	513.7	
S 1059	1115919.8	368172.6	516.0	
S 1060	1116184.8	367976.6	508.8	
S 1061	1116503.5	367895.6	505.1	
S 1062	1116829.9	367848.7	510.8	
S 1063	1117148.5	367764.7	502.1	
S 1064	1117425.8	367586.8	500.9	
S 1065	1117635.0	367332.0	500.2	
S 1066	1117820.1	367058.7	496.0	
S 1067	1118008.1	366787.5	490.2	
S 1068	1118196.3	366516.9	489.4	
S 1069	1118384.6	366246.1	495.2	

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-3
 DATE: 02-24-1987
 FALSE EASTINGS: 2000000
 FALSE NORTHINGS: 0
 UNIT OF MEASURE: FEET

TIES:MAG.(769-867) H=1:1498 V=+1.15
 TIES:PLATES(868-1113) H=1:5597 V=-0.13

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1070	1118579.2	365980.0	497.2	
S 1071	1118799.7	365734.2	488.6	
S 1072	1118968.0	365451.9	483.0	
S 1073	1119063.6	365136.5	480.4	
S 1074	1119260.2	364881.1	478.2	
S 1075	1119483.7	364641.4	476.9	
S 1076	1119479.8	364318.7	476.9	
S 1077	1119383.7	364003.7	477.2	
S 1078	1119386.1	363674.4	464.3	
S 1079	1119452.2	363359.6	446.3	
S 1080	1119582.9	363058.6	425.9	
S 1081	1119727.8	362764.3	411.9	
S 1082	1119927.3	362502.5	395.4	
S 1083	1119738.1	362234.1	388.8	
S 1084	1119657.3	361941.8	387.6	
S 1085	1119769.8	361632.3	387.1	
S 1086	1119944.0	361352.9	399.6	
S 1087	1120126.8	361079.8	423.5	
S 1088	1120310.0	360806.8	446.6	
S 1089	1120492.0	360532.1	459.1	
S 1090	1120671.2	360255.4	467.8	
S 1091	1120850.6	359978.8	476.8	
S 1092	1121032.9	359703.6	470.0	
S 1093	1121256.7	359465.6	451.5	
S 1094	1121524.2	359273.0	439.3	
S 1095	1121791.3	359080.5	419.9	
S 1096	1122058.5	358888.1	402.0	
S 1097	1122325.7	358695.6	386.3	
S 1098	1122593.4	358502.7	383.4	
S 1099	1122861.2	358309.8	387.5	
S 1100	1123128.9	358117.0	390.4	
S 1101	1123395.8	357922.7	399.9	
S 1102	1123671.7	357742.4	420.8	
S 1103	1123955.6	357576.1	440.3	
S 1104	1124241.0	357411.2	459.4	
S 1105	1124525.6	357243.9	461.6	
S 1106	1124810.6	357076.3	464.2	
S 1107	1125094.9	356908.8	468.2	
S 1108	1125379.2	356741.3	470.5	
S 1109	1125663.5	356573.8	474.7	
S 1110	1125947.7	356406.3	485.9	
S 1111	1126231.2	356239.0	491.9	
S 1112	1126515.1	356070.6	492.4	

CLIENT: CORNELL UNIV.

COORDINATE SYSTEM: TN. [4100]

PROSPECT: TN. AREA

LINE: TN-3

SURVEYOR: MICHAEL LEE

DATE: 02-24-1987

ORIGIN, LATITUDE: 34.2300

FALSE EASTINGS: 2000000

ORIGIN, LONGITUDE: 86.0000

FALSE NORTHINGS: 0

PROJECTION: LAMBERT

UNIT OF MEASURE: FEET

TIES:MAG.(769-867) H=1:1498 V=+1.15

TIES:PLATES(868-1113) H=1:5597 V=-0.13

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TY ID	X(EASTING)	Y(NORTHING)	Z(ELEV.)	COMMENT:
S 1113	1126835.2	356049.6	488.1	

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-3
DATE: 02-24-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

TIES:MAG. (1114-1287) H=1:1207 V=+1.09
TIES:MAG. (1288-1434) H=1:1423 V=-1.07

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1114	1127142.2	356148.4	484.2	
S 1115	1127470.4	356118.9	501.4	
S 1116	1127799.6	356096.2	494.4	
S 1117	1128128.0	356073.5	475.7	
S 1118	1128457.5	356050.7	500.4	
S 1119	1128784.6	356028.1	521.5	
S 1120	1129113.8	356005.4	526.8	
S 1121	1129443.7	355993.0	538.4	
S 1122	1129773.4	355981.0	536.0	
S 1123	1130105.3	355974.6	535.0	
S 1124	1130431.5	355958.0	508.3	
S 1125	1130728.7	355822.4	493.9	
S 1126	1130991.6	355623.2	492.9	
S 1127	1131253.6	355422.9	485.4	
S 1128	1131509.1	355220.5	450.4	
S 1129	1131770.2	355023.7	424.1	
S 1130	1132034.0	354822.0	427.3	
S 1131	1132291.8	354617.0	412.5	
S 1132	1132596.6	354501.2	404.0	
S 1133	1132925.7	354476.7	407.6	
S 1134	1133254.8	354452.3	400.4	
S 1135	1133583.9	354427.8	400.5	
S 1136	1133913.0	354403.3	402.9	
S 1137	1134242.0	354378.9	413.1	
S 1138	1134570.3	354354.0	430.6	
S 1139	1134896.2	354385.2	447.2	
S 1140	1135223.4	354424.4	450.9	
S 1141	1135498.7	354247.7	457.5	
S 1142	1135749.1	354034.6	482.7	
S 1143	1136042.0	353895.9	502.2	
S 1144	1136370.0	353852.7	522.5	
S 1145	1136681.3	353744.3	522.1	
S 1146	1136972.4	353587.4	527.3	
S 1147	1137256.5	353424.3	523.7	
S 1148	1137476.6	353178.9	516.9	
S 1149	1137786.7	353070.3	509.8	
S 1150	1138070.9	352914.5	523.2	
S 1151	1138223.9	352622.5	528.8	
S 1152	1138374.9	352329.4	536.5	
S 1153	1138532.5	352039.4	542.6	
S 1154	1138789.0	351840.4	541.8	
S 1155	1139073.6	351673.3	536.9	
S 1156	1139357.1	351506.7	532.8	

CLIENT: CORNELL UNIV.
 PROSPECT: TN. AREA
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 PROJECTION: LAMBERT

COORDINATE SYSTEM: TN. [4100]
 LINE: TN-3
 DATE: 02-24-1987
 FALSE EASTINGS: 2000000
 FALSE NORTHINGS: 0
 UNIT OF MEASURE: FEET

TIES:MAG. (1114-1287) H=1:1207 V=+1.09
 TIES:MAG. (1288-1434) H=1:1423 V=-1.07

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1157	1139532.8	351239.4	545.3	
S 1158	1139589.2	350914.7	544.9	
S 1159	1139642.8	350590.7	539.9	
S 1160	1139759.6	350285.1	547.9	
S 1161	1140045.7	350215.6	549.5	
S 1162	1140331.8	350380.5	544.7	
S 1163	1140651.9	350369.3	541.4	
S 1164	1140970.6	350338.8	538.7	
S 1165	1141259.5	350497.6	538.0	
S 1166	1141572.9	350458.9	540.5	
S 1167	1141821.5	350243.1	546.3	
S 1168	1141989.2	349959.0	553.9	
S 1169	1142240.9	349748.5	546.6	
S 1170	1142492.5	349534.7	541.4	
S 1171	1142742.0	349319.9	543.3	
S 1172	1142930.1	349051.4	539.0	
S 1173	1143014.5	348734.6	539.3	
S 1174	1143056.6	348407.5	532.7	
S 1175	1143110.6	348082.4	519.7	
S 1176	1143248.5	347783.0	509.4	
S 1177	1143391.0	347488.6	482.9	
S 1178	1143466.3	347168.3	476.1	
S 1179	1143502.2	346840.3	482.7	
S 1180	1143536.9	346512.4	489.0	
S 1181	1143474.2	346191.2	480.8	
S 1182	1143506.5	345868.8	475.6	
S 1183	1143699.0	345602.9	462.7	
S 1184	1143917.2	345356.9	436.7	
S 1185	1144133.0	345109.1	410.2	
S 1186	1144344.4	344858.6	393.4	
S 1187	1144651.5	344759.6	388.8	
S 1188	1144981.0	344739.5	385.9	
S 1189	1145310.8	344720.1	386.8	
S 1190	1145637.8	344678.2	385.2	
S 1191	1145840.1	344425.9	385.9	
S 1192	1145995.0	344134.9	386.6	
S 1193	1146220.8	343899.0	386.6	
S 1194	1146469.6	343682.3	384.0	
S 1195	1146718.1	343465.8	387.6	
S 1196	1147030.2	343366.6	389.6	
S 1197	1147348.3	343283.6	402.7	
S 1198	1147635.8	343123.1	410.9	
S 1199	1147916.2	342948.7	410.7	

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-3
DATE: 02-24-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

TIES:MAG. (1114-1287) H=1:1207 V=+1.09
TIES:MAG. (1288-1434) H=1:1423 V=-1.07

PAGE: 30

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1200	1148195.4	342773.8	417.1	
S 1201	1148474.7	342603.2	408.8	
S 1202	1148755.9	342430.7	417.4	
S 1203	1149033.2	342252.8	401.5	
S 1204	1149347.1	342167.2	397.3	
S 1205	1149624.4	342330.6	402.1	
S 1206	1149821.7	342595.0	408.5	
S 1207	1150019.1	342859.3	416.7	
S 1208	1150213.9	343125.0	427.7	
S 1209	1150416.0	343383.3	435.4	
S 1210	1150720.7	343500.7	461.1	
S 1211	1151046.1	343476.3	488.3	
S 1212	1151368.1	343406.1	488.8	
S 1213	1151692.1	343343.6	488.3	
S 1214	1152019.0	343328.0	495.7	
S 1215	1152342.1	343386.2	503.9	
S 1216	1152667.8	343432.7	509.0	
S 1217	1152996.4	343414.3	519.2	
S 1218	1153313.5	343493.0	514.9	
S 1219	1153633.2	343567.7	518.6	
S 1220	1153961.5	343568.9	511.0	
S 1221	1154275.0	343464.0	515.1	
S 1222	1154579.4	343336.9	514.4	
S 1223	1154876.7	343193.8	496.8	
S 1224	1155172.5	343048.1	496.8	
S 1225	1155475.0	342918.8	484.3	
S 1226	1155801.3	342883.6	482.8	
S 1227	1156130.1	342856.5	493.6	
S 1228	1156458.7	342881.3	482.7	
S 1229	1156786.5	342912.7	473.1	
S 1230	1157095.2	343022.2	481.0	
S 1231	1157422.3	343020.7	490.8	
S 1232	1157657.4	342800.8	485.5	
S 1233	1157829.7	342521.3	482.6	
S 1234	1158079.5	342310.7	454.9	
S 1235	1158246.3	342027.6	435.6	
S 1236	1158418.0	341746.0	431.8	
S 1237	1158563.9	341453.4	444.8	
S 1238	1158811.4	341413.0	472.5	
S 1239	1159128.9	341329.4	482.8	
S 1240	1159447.8	341391.6	490.7	
S 1241	1159734.4	341554.7	488.7	
S 1242	1160056.2	341564.7	460.5	

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-3
DATE: 02-24-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

TIES:MAG. (1114-1287) H=1:1207 V=+1.09
TIES:MAG. (1288-1434) H=1:1423 V=-1.07

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1243	1160360.3	341438.1	439.3	
S 1244	1160654.4	341289.6	441.2	
S 1245	1160921.7	341100.9	468.2	
S 1246	1161227.7	340982.8	481.6	
S 1247	1161552.5	340931.3	471.3	
S 1248	1161864.6	340833.9	476.2	
S 1249	1162139.9	340654.4	495.8	
S 1250	1162422.4	340486.0	499.8	
S 1251	1162671.7	340327.6	510.1	
S 1252	1162646.7	339998.5	519.2	
S 1253	1162613.1	339670.7	517.5	
S 1254	1162580.1	339343.8	508.3	
S 1255	1162546.4	339015.7	508.0	
S 1256	1162514.6	338687.6	519.3	
S 1257	1162477.8	338359.8	520.0	
S 1258	1162473.9	338031.9	538.0	
S 1259	1162597.1	337726.9	543.9	
S 1260	1162729.1	337424.5	545.6	
S 1261	1162742.5	337097.9	575.9	
S 1262	1162739.1	336768.1	565.9	
S 1263	1162603.6	336472.8	585.9	
S 1264	1162449.6	336183.4	604.3	
S 1265	1162302.2	335891.3	582.4	
S 1266	1162084.8	335647.4	567.6	
S 1267	1162011.7	335326.6	548.9	
S 1268	1161929.2	335007.8	534.6	
S 1269	1161995.8	334686.8	527.8	
S 1270	1162188.3	334435.5	528.0	
S 1271	1162496.2	334319.6	517.5	
S 1272	1162738.6	334098.3	519.8	
S 1273	1162939.8	333837.1	518.8	
S 1274	1163141.0	333575.9	522.2	
S 1275	1163342.2	333314.8	522.9	
S 1276	1163543.4	333053.6	521.8	
S 1277	1163712.4	332769.9	501.0	
S 1278	1163830.4	332464.6	469.6	
S 1279	1163947.8	332158.1	437.3	
S 1280	1163987.1	331834.4	440.2	
S 1281	1163872.2	331525.3	434.1	
S 1282	1163745.4	331221.6	424.0	
S 1283	1163619.8	330916.5	417.3	
S 1284	1163494.2	330611.3	418.6	
S 1285	1163371.7	330305.9	417.1	

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-3
DATE: 02-24-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

TIES:MAG. (1114-1287) H=1:1207 V=+1.09
TIES:MAG. (1288-1434) H=1:1423 V=-1.07

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1286	1163223.7	330010.4	415.7	
S 1287	1163047.3	329732.0	417.1	
S 1288	1162915.1	329464.9	416.9	
S 1289	1163235.3	329399.7	414.7	
S 1290	1163555.2	329400.5	416.1	
S 1291	1163832.9	329573.2	421.5	
S 1292	1163922.7	329886.4	426.5	
S 1293	1164113.0	330130.1	453.0	
S 1294	1164403.3	330286.1	465.0	
S 1295	1164664.2	330481.6	490.2	
S 1296	1164948.7	330647.3	511.7	
S 1297	1165258.0	330744.8	516.8	
S 1298	1165525.3	330553.5	528.6	
S 1299	1165739.4	330305.3	534.2	
S 1300	1165795.5	329987.9	532.4	
S 1301	1165835.0	329664.4	541.7	
S 1302	1166052.9	329417.7	541.8	
S 1303	1166310.3	329209.0	539.5	
S 1304	1166608.7	329066.1	539.5	
S 1305	1166872.2	328867.0	533.1	
S 1306	1167166.6	328717.3	541.2	
S 1307	1167416.8	328502.3	549.7	
S 1308	1167720.7	328379.3	550.6	
S 1309	1168035.5	328279.6	560.0	
S 1310	1168314.7	328110.8	547.1	
S 1311	1168616.9	327989.2	530.1	
S 1312	1168928.6	327888.1	502.7	
S 1313	1169231.4	327765.5	468.7	
S 1314	1169551.2	327689.8	459.8	
S 1315	1169873.0	327613.2	464.0	
S 1316	1170196.6	327545.0	468.1	
S 1317	1170492.7	327398.5	466.1	
S 1318	1170805.3	327296.5	451.5	
S 1319	1171131.8	327247.9	451.4	
S 1320	1171336.7	327072.0	444.7	
S 1321	1171222.5	326764.0	442.5	
S 1322	1171057.3	326477.2	445.9	
S 1323	1170966.9	326169.0	456.0	
S 1324	1171059.4	325851.4	454.9	
S 1325	1171111.1	325525.4	451.9	
S 1326	1171153.1	325200.0	450.3	
S 1327	1171232.2	324881.3	452.5	
S 1328	1171530.4	324755.0	438.1	

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-3
DATE: 02-24-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

TIES:MAG. (1114-1287) H=1:1207 V=+1.09
TIES:MAG. (1288-1434) H=1:1423 V=-1.07

PAGE: 33

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1329	1171859.8	324735.2	430.7	
S 1330	1172189.2	324714.8	430.3	
S 1331	1172518.6	324694.0	429.0	
S 1332	1172848.3	324676.3	429.4	
S 1333	1173176.8	324644.5	429.7	
S 1334	1173505.2	324612.7	430.0	
S 1335	1173834.4	324589.0	431.6	
S 1336	1174164.4	324584.0	446.7	
S 1337	1174494.3	324597.6	457.6	
S 1338	1174821.1	324567.2	471.6	
S 1339	1175148.1	324522.3	466.2	
S 1340	1175244.9	324292.4	467.7	
S 1341	1175289.5	323966.6	466.8	
S 1342	1175428.5	323668.2	471.9	
S 1343	1175574.2	323371.6	474.9	
S 1344	1175718.1	323077.0	476.5	
S 1345	1175863.6	322780.8	475.0	
S 1346	1176009.1	322484.6	473.8	
S 1347	1176154.6	322188.3	474.4	
S 1348	1176307.9	321894.5	479.9	
S 1349	1176396.6	321577.7	484.9	
S 1350	1176428.9	321249.0	480.1	
S 1351	1176456.2	320919.9	473.6	
S 1352	1176528.2	320599.0	473.8	
S 1353	1176643.6	320289.5	477.5	
S 1354	1176758.6	319979.4	482.5	
S 1355	1176871.0	319670.7	487.3	
S 1356	1177102.3	319448.0	485.2	
S 1357	1177386.4	319296.0	480.5	
S 1358	1177521.3	318996.7	481.1	
S 1359	1177655.9	318696.0	481.8	
S 1360	1177902.9	318483.0	479.0	
S 1361	1178172.9	318295.4	470.9	
S 1362	1178356.2	318024.0	474.4	
S 1363	1178540.5	317751.0	477.0	
S 1364	1178743.0	317491.3	472.6	
S 1365	1178973.7	317255.7	466.3	
S 1366	1179227.3	317046.6	471.6	
S 1367	1179543.7	316964.2	463.8	
S 1368	1179862.2	316878.8	452.0	
S 1369	1180189.3	316858.4	425.3	
S 1370	1180517.5	316836.7	402.6	
S 1371	1180844.1	316813.7	401.5	

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-3
 DATE: 02-24-1987
 FALSE EASTINGS: 2000000
 FALSE NORTHINGS: 0
 UNIT OF MEASURE: FEET

TIES:MAG. (1114-1287) H=1:1207 V=+1.09
 TIES:MAG. (1288-1434) H=1:1423 V=-1.07

PAGE: 34

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1372	1181170.5	316833.5	403.3	
S 1373	1181473.7	316955.9	418.3	
S 1374	1181749.4	317132.3	442.1	
S 1375	1182061.5	317236.3	462.3	
S 1376	1182373.8	317337.2	473.4	
S 1377	1182654.2	317509.0	454.5	
S 1378	1182979.4	317518.1	471.8	
S 1379	1183303.1	317458.6	463.2	
S 1380	1183630.4	317424.6	446.5	
S 1381	1183959.1	317396.6	450.1	
S 1382	1184287.8	317377.4	431.6	
S 1383	1184614.2	317333.5	419.7	
S 1384	1184941.1	317295.3	407.0	
S 1385	1185270.7	317286.5	400.4	
S 1386	1185600.4	317287.7	398.4	
S 1387	1185929.5	317307.1	397.4	
S 1388	1186258.6	317324.0	403.6	
S 1389	1186587.0	317329.6	431.2	
S 1390	1186903.0	317409.8	450.1	
S 1391	1187192.5	317556.2	425.1	
S 1392	1187440.6	317773.3	426.5	
S 1393	1187664.7	318013.7	445.2	
S 1394	1187876.4	318267.5	441.1	
S 1395	1188112.2	318498.4	450.0	
S 1396	1188367.3	318707.5	431.4	
S 1397	1188659.1	318859.2	446.7	
S 1398	1188971.9	318964.7	453.9	
S 1399	1189293.0	319041.0	441.9	
S 1400	1189612.9	319121.6	421.7	
S 1401	1189930.6	319210.0	404.4	
S 1402	1190225.4	319356.3	406.1	
S 1403	1190508.2	319527.0	430.1	
S 1404	1190823.5	319595.4	420.8	
S 1405	1191150.3	319629.3	403.7	
S 1406	1191447.5	319772.4	397.6	
S 1407	1191731.4	319940.7	396.7	
S 1408	1192009.4	320118.9	401.4	
S 1409	1192300.6	320270.9	398.2	
S 1410	1192616.3	320368.8	395.1	
S 1411	1192941.2	320341.8	397.4	
S 1412	1193266.2	320308.0	397.5	
S 1413	1193589.6	320371.0	400.0	
S 1414	1193881.6	320518.4	411.2	

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-3
DATE: 02-24-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

TIES:MAG. (1114-1287) H=1:1207 V=+1.09
TIES:MAG. (1288-1434) H=1:1423 V=-1.07

PAGE: 35

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1415	1194131.4	320730.7	437.4	
S 1416	1194445.5	320756.9	457.6	
S 1417	1194733.0	320596.2	452.5	
S 1418	1194962.1	320359.1	454.3	
S 1419	1195227.9	320178.5	466.2	
S 1420	1195554.5	320168.5	476.0	
S 1421	1195881.6	320212.9	488.7	
S 1422	1196209.3	320215.8	496.2	
S 1423	1196537.0	320194.5	490.0	
S 1424	1196866.1	320192.5	492.4	
S 1425	1197122.2	320018.7	491.0	
S 1426	1197134.3	319691.7	487.4	
S 1427	1197359.2	319458.4	477.1	
S 1428	1197664.0	319333.4	463.5	
S 1429	1197951.0	319169.9	459.9	
S 1430	1198238.3	319009.0	442.3	
S 1431	1198526.3	318847.8	431.5	
S 1432	1198816.8	318694.8	455.3	
S 1433	1199131.8	318608.3	466.0	
S 1434	1199456.7	318660.4	448.1	

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-3
DATE: 03-06-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

MAG=(1435-1601)H=1:1053 MAG(1602-1771)H=1:2906

PLATES=(1772-1927)H=1:2820

VERTICAL WAS RAN FROM 1435-1927 VERT.=-.17

PAGE: 36

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1435	1199732.7	318780.3	439.0	
S 1436	1199634.9	319091.0	433.1	
S 1437	1199631.4	319412.1	440.1	
S 1438	1199744.3	319721.8	459.3	
S 1439	1199803.9	320046.1	473.7	
S 1440	1199862.7	320370.4	487.9	
S 1441	1200007.6	320665.2	469.1	
S 1442	1200136.7	320967.2	465.0	
S 1443	1200173.7	321293.8	444.6	
S 1444	1200188.7	321623.6	443.5	
S 1445	1200204.9	321953.1	443.7	
S 1446	1200421.2	322169.8	455.1	
S 1447	1200745.0	322119.8	445.5	
S 1448	1201072.0	322068.7	438.7	
S 1449	1201397.2	322013.7	434.0	
S 1450	1201717.2	322077.9	420.8	
S 1451	1202004.3	322222.0	429.2	
S 1452	1202252.4	322399.4	441.7	
S 1453	1202465.7	322637.8	464.7	
S 1454	1202791.9	322639.2	475.6	
S 1455	1203113.3	322623.1	481.5	
S 1456	1203383.2	322810.2	485.1	
S 1457	1203685.5	322935.9	508.0	
S 1458	1204006.3	323009.2	504.3	
S 1459	1204305.7	323144.0	496.4	
S 1460	1204596.1	323300.1	504.2	
S 1461	1204897.4	323409.6	507.7	
S 1462	1205214.6	323320.0	477.5	
S 1463	1205532.0	323230.4	480.5	
S 1464	1205848.9	323140.9	477.6	
S 1465	1206127.5	322963.1	461.8	
S 1466	1206376.6	322748.5	442.2	
S 1467	1206614.5	322520.5	437.8	
S 1468	1206836.6	322291.1	443.1	
S 1469	1207153.9	322373.5	449.2	
S 1470	1207455.2	322507.1	442.0	
S 1471	1207768.5	322610.1	442.6	
S 1472	1208084.3	322705.9	449.9	
S 1473	1208405.5	322767.1	452.5	
S 1474	1208729.7	322823.5	458.5	
S 1475	1209038.9	322934.9	470.8	
S 1476	1209332.5	323079.8	493.2	
S 1477	1209654.3	323134.7	511.9	

CLIENT: CORNELL UNIV.

PROSPECT: TN. AREA

SURVEYOR: MICHAEL LEE

ORIGIN, LATITUDE: 34.2300

ORIGIN, LONGITUDE: 86.0000

PROJECTION: LAMBERT

MAG=(1435-1601)H=1:1053 MAG(1602-1771)H=1:2906

PLATES=(1772-1927)H=1:2820

VERTICAL WAS RAN FROM 1435-1927 VERT.=-.17

PAGE: 37

COORDINATE SYSTEM: TN. [4100]

LINE: TN-3

DATE: 03-06-1987

FALSE EASTINGS: 2000000

FALSE NORTHINGS: 0

UNIT OF MEASURE: FEET

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1478	1209983.3	323131.7	528.1	
S 1479	1210298.3	323048.4	535.8	
S 1480	1210613.2	323133.3	536.8	
S 1481	1210882.8	323146.6	530.4	
S 1482	1211209.0	323139.9	523.3	
S 1483	1211536.6	323104.4	537.0	
S 1484	1211862.5	323058.4	516.4	
S 1485	1212187.9	323004.9	509.2	
S 1486	1212514.8	322962.7	519.7	
S 1487	1212839.8	322910.2	514.3	
S 1488	1213166.2	322876.5	513.3	
S 1489	1213492.0	322896.5	508.2	
S 1490	1213809.8	322809.4	514.6	
S 1491	1214129.0	322729.0	500.2	
S 1492	1214457.4	322728.6	495.7	
S 1493	1214787.0	322728.1	494.6	
S 1494	1215093.1	322814.2	505.2	
S 1495	1215331.7	323042.3	503.4	
S 1496	1215570.9	323269.1	515.2	
S 1497	1215737.0	323552.5	498.5	
S 1498	1215903.1	323837.4	499.4	
S 1499	1216101.1	324099.9	484.1	
S 1500	1216385.4	324263.5	475.7	
S 1501	1216674.4	324421.4	485.2	
S 1502	1216964.0	324577.0	474.2	
S 1503	1217253.9	324733.4	476.1	
S 1504	1217544.4	324889.9	484.5	
S 1505	1217835.0	325046.3	483.7	
S 1506	1218125.5	325202.8	485.4	
S 1507	1218416.0	325359.2	487.0	
S 1508	1218705.2	325518.3	488.9	
S 1509	1218993.3	325672.5	503.4	
S 1510	1219282.4	325831.5	509.1	
S 1511	1219562.3	326004.7	509.5	
S 1512	1219835.4	326185.7	492.2	
S 1513	1220110.6	326368.1	489.9	
S 1514	1220384.0	326550.9	500.3	
S 1515	1220660.4	326718.3	518.0	
S 1516	1220987.1	326718.7	526.2	
S 1517	1221316.6	326698.5	527.7	
S 1518	1221576.5	326531.2	535.4	
S 1519	1221689.0	326222.3	552.5	
S 1520	1221886.9	325959.4	575.4	

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-3
DATE: 03-06-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

MAG=(1435-1601)H=1:1053 MAG(1602-1771)H=1:2906

PLATES=(1772-1927)H=1:2820

VERTICAL WAS RAN FROM 1435-1927 VERT.=-.17

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1521	1222191.4	325835.3	577.0	
S 1522	1222505.5	325736.3	577.8	
S 1523	1222821.5	325641.4	577.9	
S 1524	1223104.4	325474.5	587.3	
S 1525	1223400.6	325331.4	586.6	
S 1526	1223730.3	325325.2	587.8	
S 1527	1224055.4	325280.5	589.2	
S 1528	1224071.2	325593.1	595.1	
S 1529	1224097.5	325921.8	586.4	
S 1530	1224281.5	326179.5	588.5	
S 1531	1224548.7	326371.5	577.7	
S 1532	1224848.9	326502.2	572.0	
S 1533	1225174.1	326461.0	574.7	
S 1534	1225444.1	326647.1	571.1	
S 1535	1225751.1	326767.4	556.8	
S 1536	1226058.8	326884.6	549.6	
S 1537	1226368.4	326996.2	553.3	
S 1538	1226479.1	327293.0	560.7	
S 1539	1226511.4	327618.8	551.6	
S 1540	1226756.2	327839.4	541.2	
S 1541	1226996.7	328062.9	536.2	
S 1542	1227186.3	328332.9	534.6	
S 1543	1227380.3	328598.1	505.0	
S 1544	1227616.9	328823.4	488.7	
S 1545	1227891.4	329007.2	484.2	
S 1546	1228212.0	329062.2	490.0	
S 1547	1228531.0	328977.7	487.5	
S 1548	1228848.4	328887.5	483.4	
S 1549	1229166.0	328797.0	476.6	
S 1550	1229483.4	328703.2	475.4	
S 1551	1229777.5	328558.9	479.8	
S 1552	1230078.3	328429.8	496.6	
S 1553	1230393.8	328517.2	524.4	
S 1554	1230713.5	328585.1	555.4	
S 1555	1231016.4	328700.7	559.7	
S 1556	1231292.5	328882.0	567.5	
S 1557	1231604.6	328904.0	569.8	
S 1558	1231833.9	328669.7	571.5	
S 1559	1232011.1	328391.1	570.8	
S 1560	1232237.1	328152.3	586.6	
S 1561	1232456.6	327907.2	594.5	
S 1562	1232732.9	327734.5	595.3	
S 1563	1233056.6	327756.6	598.8	

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

COORDINATE SYSTEM: TN. [4100]
 LINE: TN-3
 DATE: 03-06-1987
 FALSE EASTINGS: 2000000
 FALSE NORTHINGS: 0
 UNIT OF MEASURE: FEET

MAG=(1435-1601)H=1:1053 MAG(1602-1771)H=1:2906

PLATES=(1772-1927)H=1:2820

VERTICAL WAS RAN FROM 1435-1927 VERT.=-.17

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1564	1233357.5	327884.5	583.6	
S 1565	1233607.7	328096.5	561.6	
S 1566	1233861.2	328307.6	570.5	
S 1567	1234132.0	328496.4	587.9	
S 1568	1234419.4	328653.1	575.1	
S 1569	1234734.7	328750.6	579.5	
S 1570	1235057.2	328808.5	581.3	
S 1571	1235385.8	328837.0	579.2	
S 1572	1235715.6	328823.5	579.1	
S 1573	1236044.5	328799.7	562.3	
S 1574	1236351.3	328686.9	566.7	
S 1575	1236593.3	328463.1	578.7	
S 1576	1236898.5	328533.8	585.3	
S 1577	1237195.5	328677.5	585.9	
S 1578	1237507.1	328775.9	586.9	
S 1579	1237834.1	328737.3	592.2	
S 1580	1238155.8	328669.0	599.2	
S 1581	1238461.8	328546.7	601.9	
S 1582	1238748.3	328392.3	602.9	
S 1583	1239033.9	328251.9	603.5	
S 1584	1239362.6	328294.3	609.0	
S 1585	1239689.7	328315.7	600.8	
S 1586	1239949.3	328126.8	609.6	
S 1587	1240118.3	327843.5	614.1	
S 1588	1240300.5	327569.1	614.2	
S 1589	1240485.5	327296.0	611.3	
S 1590	1240653.6	327013.7	607.5	
S 1591	1240751.8	326698.4	605.9	
S 1592	1240822.7	326377.0	616.6	
S 1593	1240823.9	326049.8	615.0	
S 1594	1240853.3	325725.6	611.0	
S 1595	1240943.3	325408.0	612.5	
S 1596	1241027.4	325089.2	615.7	
S 1597	1241061.8	324762.0	613.0	
S 1598	1241037.7	324432.9	606.8	
S 1599	1241012.5	324104.2	605.6	
S 1600	1241020.5	323776.9	604.1	
S 1601	1241111.0	323459.9	611.4	
S 1602	1241200.3	323142.5	610.5	
S 1603	1241203.1	322813.7	602.9	
S 1604	1241260.7	322491.7	596.8	
S 1605	1241458.7	322230.0	594.2	
S 1606	1241576.7	321928.1	595.1	

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-3
DATE: 03-06-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

MAG=(1435-1601)H=1:1053 MAG(1602-1771)H=1:2906

PLATES=(1772-1927)H=1:2820

VERTICAL WAS RAN FROM 1435-1927 VERT.=-.17

PAGE: 40

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1607	1241582.6	321599.4	600.8	
S 1608	1241603.9	321270.6	604.2	
S 1609	1241692.3	320952.7	597.6	
S 1610	1241783.8	320635.8	596.3	
S 1611	1241916.9	320337.4	602.6	
S 1612	1242207.3	320181.3	609.6	
S 1613	1242398.3	319918.9	613.3	
S 1614	1242405.0	319589.8	609.7	
S 1615	1242423.6	319260.7	613.5	
S 1616	1242462.4	318933.4	602.9	
S 1617	1242481.9	318604.1	598.9	
S 1618	1242491.9	318274.1	599.1	
S 1619	1242541.7	317949.1	601.0	
S 1620	1242704.3	317667.6	599.1	
S 1621	1242930.3	317427.8	584.3	
S 1622	1243245.2	317337.3	567.1	
S 1623	1243570.3	317281.9	554.2	
S 1624	1243893.5	317214.8	553.9	
S 1625	1244043.4	316946.1	564.3	
S 1626	1244028.8	316616.7	577.6	
S 1627	1244009.0	316287.4	568.9	
S 1628	1243989.2	315958.0	564.3	
S 1629	1243969.3	315628.6	562.2	
S 1630	1243949.5	315299.2	565.5	
S 1631	1243929.7	314969.8	565.6	
S 1632	1243909.8	314640.4	566.3	
S 1633	1243890.0	314311.0	566.9	
S 1634	1243870.0	313981.1	570.9	
S 1635	1243851.9	313651.1	570.2	
S 1636	1243826.2	313321.5	573.0	
S 1637	1243895.9	313007.2	574.3	
S 1638	1244102.4	312750.4	579.4	
S 1639	1244155.8	312438.4	590.6	
S 1640	1244149.3	312108.1	588.6	
S 1641	1244110.4	311780.9	598.5	
S 1642	1244040.9	311458.6	614.0	
S 1643	1243941.0	311144.7	621.6	
S 1644	1244190.5	310928.9	623.9	
S 1645	1244410.8	310683.5	634.9	
S 1646	1244676.2	310488.2	637.8	
S 1647	1244960.7	310321.8	635.8	
S 1648	1245241.8	310148.7	633.1	
S 1649	1245468.1	309909.5	632.0	

CLIENT: CORNELL UNIV.
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ORIGIN, LATITUDE: 34.2300
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PROJECTION: LAMBERT

COORDINATE SYSTEM: TN. [4100]
LINE: TN-3
DATE: 03-06-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

MAG=(1435-1601)H=1:1053 MAG(1602-1771)H=1:2906

PLATES=(1772-1927)H=1:2820

VERTICAL WAS RAN FROM 1435-1927 VERT.=-.17

PAGE: 41

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1650	1245612.4	309613.3	630.9	
S 1651	1245779.6	309331.2	622.0	
S 1652	1246047.1	309143.9	621.0	
S 1653	1246343.8	308999.3	630.8	
S 1654	1246643.4	308861.3	637.7	
S 1655	1246955.7	308755.6	628.1	
S 1656	1247269.3	308654.0	613.0	
S 1657	1247582.9	308552.4	597.8	
S 1658	1247896.8	308450.7	584.0	
S 1659	1248211.0	308348.9	576.7	
S 1660	1248525.6	308248.1	578.2	
S 1661	1248848.8	308182.0	581.5	
S 1662	1249176.7	308143.6	583.9	
S 1663	1249501.3	308085.3	587.4	
S 1664	1249773.7	307902.4	595.4	
S 1665	1249934.9	307616.0	604.6	
S 1666	1250034.2	307301.2	613.6	
S 1667	1250132.8	306985.7	617.4	
S 1668	1250230.5	306670.7	615.8	
S 1669	1250330.3	306356.6	617.7	
S 1670	1250473.0	306063.6	619.0	
S 1671	1250743.9	305885.9	615.4	
S 1672	1251067.4	305880.9	611.2	
S 1673	1251363.7	306023.3	605.8	
S 1674	1251674.4	306133.1	601.5	
S 1675	1252004.1	306139.8	597.6	
S 1676	1252318.1	306042.8	593.4	
S 1677	1252585.7	305850.4	589.3	
S 1678	1252778.3	305583.1	585.2	
S 1679	1252879.7	305269.8	584.1	
S 1680	1252962.3	304951.3	591.8	
S 1681	1253156.3	304689.3	597.9	
S 1682	1253386.4	304453.4	604.3	
S 1683	1253521.0	304154.4	611.7	
S 1684	1253590.7	303831.3	619.4	
S 1685	1253661.6	303509.5	592.8	
S 1686	1253732.0	303188.0	615.9	
S 1687	1253819.0	302870.7	612.5	
S 1688	1254005.9	302603.1	608.0	
S 1689	1254196.2	302375.0	609.6	
S 1690	1254036.6	302087.0	625.5	
S 1691	1253875.1	301799.4	629.5	
S 1692	1253652.6	301558.8	617.3	

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

COORDINATE SYSTEM: TN. [4100]
LINE: TN-3
DATE: 03-06-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

MAG=(1435-1601)H=1:1053 MAG(1602-1771)H=1:2906

PLATES=(1772-1927)H=1:2820

VERTICAL WAS RAN FROM 1435-1927 VERT.=-.17

PAGE: 42

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1693	1253772.7	301272.8	629.8	
S 1694	1253827.1	300951.9	647.9	
S 1695	1254051.5	300720.0	636.3	
S 1696	1254261.7	300470.4	623.3	
S 1697	1254421.6	300184.4	609.5	
S 1698	1254571.0	299890.1	603.8	
S 1699	1254816.8	299674.9	608.0	
S 1700	1255058.5	299451.8	605.7	
S 1701	1255168.6	299146.8	614.6	
S 1702	1255317.2	298852.8	618.3	
S 1703	1255510.2	298585.6	619.5	
S 1704	1255717.1	298330.5	622.5	
S 1705	1255971.0	298120.4	621.7	
S 1706	1256207.8	297891.0	616.2	
S 1707	1256281.3	297577.6	602.2	
S 1708	1256462.0	297303.3	618.0	
S 1709	1256710.8	297089.3	621.0	
S 1710	1257016.4	296965.6	624.3	
S 1711	1257305.9	296815.4	594.0	
S 1712	1257601.4	296677.6	558.1	
S 1713	1257900.9	296540.5	549.6	
S 1714	1258183.6	296370.9	546.5	
S 1715	1258484.3	296237.3	541.6	
S 1716	1258742.1	296033.6	547.1	
S 1717	1259043.4	295900.6	543.7	
S 1718	1259245.9	295645.9	536.2	
S 1719	1259306.9	295323.9	524.0	
S 1720	1259444.5	295029.1	519.6	
S 1721	1259617.8	294749.2	525.5	
S 1722	1259917.1	294617.6	536.1	
S 1723	1260228.9	294527.2	516.3	
S 1724	1260541.1	294433.5	498.3	
S 1725	1260791.5	294247.6	478.6	
S 1726	1261117.7	294216.2	475.2	
S 1727	1261447.9	294212.3	482.5	
S 1728	1261776.7	294192.0	501.2	
S 1729	1262105.1	294178.6	526.3	
S 1730	1262407.1	294260.0	558.5	
S 1731	1262670.3	294456.1	564.0	
S 1732	1262982.4	294559.8	578.7	
S 1733	1263269.0	294556.5	585.1	
S 1734	1263497.3	294318.2	585.0	
S 1735	1263590.5	294012.9	584.9	

CLIENT: CORNELL UNIV.
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COORDINATE SYSTEM: TN. [4100]
LINE: TN-3
DATE: 03-06-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

MAG=(1435-1601)H=1:1053 MAG(1602-1771)H=1:2906

PLATES=(1772-1927)H=1:2820

VERTICAL WAS RAN FROM 1435-1927 VERT.=-.17

PAGE: 43

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1736	1263537.2	293688.9	582.2	
S 1737	1263583.1	293362.2	566.0	
S 1738	1263667.3	293043.3	555.3	
S 1739	1263653.9	292719.7	551.2	
S 1740	1263681.9	292401.8	558.2	
S 1741	1263870.9	292132.7	552.2	
S 1742	1264066.8	291869.0	543.2	
S 1743	1264351.7	291705.7	542.7	
S 1744	1264602.9	291496.7	550.2	
S 1745	1264830.5	291258.0	544.7	
S 1746	1265080.6	291046.1	542.7	
S 1747	1265378.0	290907.3	527.4	
S 1748	1265699.5	290838.8	507.6	
S 1749	1266027.1	290797.0	498.2	
S 1750	1266353.5	290829.3	498.5	
S 1751	1266678.5	290880.8	490.0	
S 1752	1267008.3	290886.8	481.0	
S 1753	1267338.3	290894.9	482.2	
S 1754	1267666.7	290873.4	496.9	
S 1755	1267955.4	290718.1	496.1	
S 1756	1268234.5	290542.1	504.8	
S 1757	1268559.6	290502.7	502.2	
S 1758	1268888.7	290495.4	496.8	
S 1759	1269218.2	290481.2	496.4	
S 1760	1269548.2	290483.1	489.9	
S 1761	1269878.2	290463.7	486.2	
S 1762	1270161.3	290307.6	480.6	
S 1763	1270429.8	290124.4	464.9	
S 1764	1270757.6	290084.0	467.1	
S 1765	1271086.0	290051.5	474.2	
S 1766	1271414.7	290031.5	485.3	
S 1767	1271744.6	290015.2	479.7	
S 1768	1272072.4	289982.2	460.4	
S 1769	1272401.3	289994.3	459.4	
S 1770	1272728.8	289964.6	470.8	
S 1771	1273054.4	289917.4	484.4	
S 1772	1273383.4	289905.5	469.7	
S 1773	1273708.0	289850.5	459.7	
S 1774	1273962.0	289645.8	448.8	
S 1775	1274126.6	289360.0	442.6	
S 1776	1274287.1	289071.4	446.5	
S 1777	1274457.4	288789.5	461.1	
S 1778	1274694.6	288568.3	475.5	

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

COORDINATE SYSTEM: TN. [4100]
 LINE: TN-3
 DATE: 03-06-1987
 FALSE EASTINGS: 2000000
 FALSE NORTHINGS: 0
 UNIT OF MEASURE: FEET

MAG=(1435-1601)H=1:1053 MAG(1602-1771)H=1:2906

PLATES=(1772-1927)H=1:2820

VERTICAL WAS RAN FROM 1435-1927 VERT.=-.17

PAGE: 44

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1779	1274993.8	288429.4	483.6	
S 1780	1275306.0	288323.8	476.1	
S 1781	1275626.2	288245.0	474.0	
S 1782	1275946.3	288164.6	472.0	
S 1783	1276265.9	288080.6	459.9	
S 1784	1276590.3	288019.2	440.2	
S 1785	1276910.0	287937.5	444.2	
S 1786	1277224.5	287844.5	462.8	
S 1787	1277541.0	287754.8	471.8	
S 1788	1277858.8	287665.1	469.8	
S 1789	1278163.5	287538.7	467.3	
S 1790	1278463.5	287402.4	469.7	
S 1791	1278764.5	287267.0	473.0	
S 1792	1279065.4	287131.5	475.0	
S 1793	1279366.9	286996.9	467.7	
S 1794	1279667.8	286861.5	460.6	
S 1795	1279969.6	286727.3	465.1	
S 1796	1280270.9	286592.4	469.9	
S 1797	1280572.0	286456.9	467.5	
S 1798	1280873.0	286321.8	460.0	
S 1799	1281174.0	286186.2	460.0	
S 1800	1281474.7	286050.2	469.8	
S 1801	1281775.9	285915.7	462.3	
S 1802	1282076.5	285779.4	468.7	
S 1803	1282377.2	285644.6	480.1	
S 1804	1282678.6	285510.1	484.2	
S 1805	1282978.4	285375.6	482.0	
S 1806	1283279.5	285240.7	481.0	
S 1807	1283580.6	285105.7	482.8	
S 1808	1283881.8	284970.7	482.4	
S 1809	1284182.9	284835.8	481.0	
S 1810	1284484.2	284700.8	480.5	
S 1811	1284785.5	284565.7	481.0	
S 1812	1285086.9	284430.7	481.4	
S 1813	1285388.0	284295.7	478.2	
S 1814	1285688.9	284159.3	479.4	
S 1815	1285989.2	284024.9	479.4	
S 1816	1286289.9	283889.5	468.5	
S 1817	1286590.7	283754.1	458.8	
S 1818	1286891.6	283618.7	453.6	
S 1819	1287192.5	283483.2	450.1	
S 1820	1287493.5	283348.3	452.5	
S 1821	1287794.5	283212.9	453.6	

CLIENT: CORNELL UNIV.

PROSPECT: TN. AREA

SURVEYOR: MICHAEL LEE

ORIGIN, LATITUDE: 34.2300

ORIGIN, LONGITUDE: 86.0000

PROJECTION: LAMBERT

MAG=(1435-1601)H=1:1053 MAG(1602-1771)H=1:2906

PLATES=(1772-1927)H=1:2820

VERTICAL WAS RAN FROM 1435-1927 VERT.=-.17

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COORDINATE SYSTEM: TN. [4100]

LINE: TN-3

DATE: 03-06-1987

FALSE EASTINGS: 2000000

FALSE NORTHINGS: 0

UNIT OF MEASURE: FEET

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1822	1288095.4	283077.0	442.5	
S 1823	1288397.0	282942.3	423.8	
S 1824	1288697.7	282805.5	408.7	
S 1825	1288998.8	282669.9	405.0	
S 1826	1289300.3	282535.0	405.7	
S 1827	1289601.0	282400.1	405.8	
S 1828	1289902.3	282265.1	406.6	
S 1829	1290202.5	282130.4	405.8	
S 1830	1290495.2	281981.9	405.4	
S 1831	1290767.9	281794.3	405.1	
S 1832	1291016.6	281577.4	404.7	
S 1833	1291265.3	281360.5	404.3	
S 1834	1291514.0	281143.6	403.2	
S 1835	1291762.7	280926.7	404.1	
S 1836	1292011.4	280709.9	412.0	
S 1837	1292259.4	280492.9	427.6	
S 1838	1292513.8	280284.4	447.6	
S 1839	1292783.7	280095.8	457.2	
S 1840	1293067.0	279929.6	458.6	
S 1841	1293372.2	279809.1	458.4	
S 1842	1293697.3	279826.4	459.6	
S 1843	1294004.8	279950.1	462.7	
S 1844	1294309.3	280077.4	467.2	
S 1845	1294618.4	280191.8	467.9	
S 1846	1294938.8	280266.3	470.3	
S 1847	1295267.1	280243.1	474.9	
S 1848	1295592.0	280184.0	477.3	
S 1849	1295913.6	280110.1	477.2	
S 1850	1296229.9	280018.8	477.4	
S 1851	1296509.0	279843.9	481.4	
S 1852	1296777.9	279651.9	479.7	
S 1853	1297046.3	279460.1	475.7	
S 1854	1297312.1	279264.5	472.4	
S 1855	1297577.8	279068.8	472.8	
S 1856	1297843.0	278873.4	461.7	
S 1857	1298116.5	278688.9	457.6	
S 1858	1298402.9	278524.2	457.8	
S 1859	1298689.8	278361.0	462.7	
S 1860	1298973.4	278192.4	468.9	
S 1861	1299254.0	278018.2	468.9	
S 1862	1299535.1	277845.6	476.4	
S 1863	1299820.3	277679.6	479.7	
S 1864	1300105.2	277514.7	478.8	

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-3
DATE: 03-06-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

MAG=(1435-1601)H=1:1053 MAG(1602-1771)H=1:2906

PLATES=(1772-1927)H=1:2820

VERTICAL WAS RAN FROM 1435-1927 VERT.=-.17

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1865	1300377.6	277328.7	477.3	
S 1866	1300631.7	277118.2	481.4	
S 1867	1300886.7	276908.7	485.2	
S 1868	1301155.5	276717.7	488.3	
S 1869	1301444.5	276558.3	485.3	
S 1870	1301742.4	276419.4	487.1	
S 1871	1302060.3	276331.1	489.1	
S 1872	1302384.0	276267.5	491.4	
S 1873	1302713.4	276264.4	491.9	
S 1874	1303042.6	276287.3	493.3	
S 1875	1303371.7	276311.0	495.3	
S 1876	1303701.2	276322.2	489.5	
S 1877	1304022.3	276262.8	488.6	
S 1878	1304309.9	276102.6	493.8	
S 1879	1304587.3	275924.4	484.8	
S 1880	1304867.8	275750.7	479.3	
S 1881	1305112.4	275536.7	474.2	
S 1882	1305311.1	275275.2	458.7	
S 1883	1305590.4	275101.7	446.8	
S 1884	1305821.4	274868.3	439.8	
S 1885	1305984.5	274585.1	430.9	
S 1886	1305980.9	274255.3	418.4	
S 1887	1305969.4	273925.4	405.9	
S 1888	1305988.8	273597.9	390.3	
S 1889	1306148.2	273310.6	381.0	
S 1890	1306345.7	273046.4	376.8	
S 1891	1306540.7	272780.4	374.9	
S 1892	1306738.3	272516.3	373.6	
S 1893	1306915.3	272238.9	383.8	
S 1894	1306956.9	271912.8	391.8	
S 1895	1306976.2	271583.6	388.9	
S 1896	1307126.2	271324.9	384.3	
S 1897	1307455.7	271318.3	377.9	
S 1898	1307785.6	271317.4	374.9	
S 1899	1308115.5	271317.3	377.6	
S 1900	1308409.4	271220.8	382.6	
S 1901	1308509.8	270906.7	385.2	
S 1902	1308630.6	270600.4	386.0	
S 1903	1308806.5	270321.3	386.1	
S 1904	1308999.9	270054.7	387.3	
S 1905	1309240.3	269829.0	386.9	
S 1906	1309486.2	269608.8	386.9	
S 1907	1309731.4	269388.3	386.3	

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-3
DATE: 03-06-1987
FALSE EASTINGS: 2000000
FALSE NORTHINGS: 0
UNIT OF MEASURE: FEET

MAG=(1435-1601)H=1:1053 MAG(1602-1771)H=1:2906

PLATES=(1772-1927)H=1:2820

VERTICAL WAS RAN FROM 1435-1927 VERT.=-.17

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 1908	1309943.4	269136.4	385.2	
S 1909	1310135.7	268868.5	384.4	
S 1910	1310320.9	268595.6	383.8	
S 1911	1310449.8	268292.8	382.4	
S 1912	1310514.6	267969.8	378.7	
S 1913	1310549.1	267641.5	379.0	
S 1914	1310542.4	267311.8	377.3	
S 1915	1310500.0	266984.8	376.5	
S 1916	1310453.8	266658.0	384.7	
S 1917	1310410.4	266331.1	381.1	
S 1918	1310388.0	266002.9	386.6	
S 1919	1310418.1	265674.3	387.5	
S 1920	1310444.3	265345.8	387.5	
S 1921	1310470.9	265016.9	387.0	
S 1922	1310500.1	264688.4	390.2	
S 1923	1310524.9	264359.2	397.1	
S 1924	1310554.4	264030.2	396.6	
S 1925	1310765.7	263915.1	396.2	
S 1926	1311092.0	263965.8	386.7	
S 1927	1311416.7	264021.4	384.9	