

BEGINNING FILE: MO1-1
 CLIENT: CORNELL UNIV.
 PROSPECT: MO. AREA
 SURVEYOR: MICHAEL LEE
 PAGE: 1

AREA: MO.E
 LINE: MO1
 DATE: 11-30-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
N	TKD 1	548,180.00	674,480.00	925.00	
B	RD NO	548,180.00	674,480.00	930.50	
F	ST 1	548,611.52	674,462.46	929.24	
B	TK	548,611.52	674,462.46	934.59	BS=TK (925)
S	1	548,611.52	674,462.46	929.24	=BOL
S	2	548,940.74	674,457.89	916.53	
S	3	549,270.02	674,453.33	906.10	
S	4	549,599.40	674,448.76	898.96	
S	5	549,929.09	674,444.19	905.51	
S	6	550,258.73	674,439.62	927.27	
F	ST 6	550,258.94	674,438.01	927.20	
B	ST 1	550,258.94	674,438.01	932.30	BS
S	7	550,588.26	674,436.20	921.65	
S	8	550,917.19	674,431.63	906.48	
S	9	551,246.85	674,418.78	895.61	
S	10	551,575.96	674,404.05	890.30	
S	11	551,905.59	674,390.88	892.21	
S	12	552,235.37	674,382.05	898.00	
S	13	552,564.90	674,374.06	906.21	
S	14	552,894.80	674,366.40	907.10	
S	15	553,223.99	674,359.79	917.32	
S	16	553,553.72	674,360.79	918.77	
S	17	553,883.39	674,363.26	922.14	
S	18	554,212.90	674,363.96	918.18	
F	TPOS	554,240.49	674,363.65	916.90	TP=OFF STA.
B	ST 6	554,240.49	674,363.65	922.40	
S	19	554,540.70	674,364.09	889.05	
S	20	554,866.85	674,368.28	854.61	
S	22	555,378.83	674,734.30	831.97	
F	ST 34	554,572.33	678,126.44	882.87	TP
B	TPOS	554,572.33	678,126.44	888.17	BS
S	21	555,174.96	674,484.13	835.93	
S	23	555,433.48	675,058.88	833.34	
S	24	555,331.31	675,370.84	834.13	
S	25	555,201.81	675,673.72	839.18	
S	26	555,051.79	675,967.09	837.99	
S	27	554,845.83	676,224.18	840.19	
S	28	554,687.97	676,513.23	846.44	
S	29	554,538.13	676,807.27	851.75	
S	30	554,389.23	677,100.84	853.46	
S	31	554,240.32	677,395.17	856.25	+250' =RDI
M	RDI	554,134.34	677,596.97	859.45	=RDI (861)
S	32	554,125.91	677,701.33	860.20	
S	33	554,279.53	677,975.87	869.45	
S	34	554,572.33	678,126.44	883.17	=INST. LOC.
S	35	554,864.72	678,278.52	883.83	
S	36	555,163.15	678,417.27	872.55	
S	37	555,464.16	678,551.63	857.82	
S	38	555,762.17	678,691.97	857.50	
S	39	556,050.54	678,851.90	859.81	

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AREA: MO.E
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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	40	556,326.74	679,032.46	865.01	
S	41	556,618.59	679,186.15	872.54	
S	42	556,912.57	679,335.56	881.55	
S	43	557,207.02	679,483.08	897.71	+90 '=RDI
M	RDI	557,282.46	679,529.10	901.97	=RDI (902)
F	TPOS	558,029.51	677,807.45	898.46	TP=OFF STA.
B	ST 34	558,029.51	677,807.45	903.78	BS
S	44	557,391.79	679,254.71	903.19	-
S	45	557,524.69	678,953.10	891.98	-
S	46	557,657.69	678,651.25	896.50	-
S	47	557,790.56	678,349.72	892.03	-
S	48	557,923.60	678,047.79	889.78	-
S	49	558,056.52	677,746.57	899.29	-
S	50	558,190.24	677,445.32	892.39	-
S	51	558,323.86	677,144.27	878.46	-
S	52	558,457.27	676,843.70	868.00	-
S	53	558,590.64	676,543.24	857.69	-
S	54	558,724.29	676,242.11	848.86	-
S	55	558,858.12	675,940.60	842.21	-
S	56	558,991.99	675,639.00	846.44	-
S	57	559,125.83	675,337.45	855.93	-
S	58	559,259.77	675,035.70	866.32	-
S	59	559,393.64	674,734.10	875.26	-
S	60	559,527.52	674,432.47	878.01	-
S	61	559,661.35	674,130.94	878.17	-
S	62	559,794.96	673,829.93	893.74	-
S	63	559,928.70	673,528.61	906.50	-
S	64	560,062.33	673,227.55	907.29	-
S	65	560,196.18	672,925.98	908.73	-
S	66	560,329.96	672,624.59	919.26	+265 '=RDI
F	TPOS	560,432.62	672,385.10	930.75	TP=OFF STA.
B	TPOS	560,432.62	672,385.10	936.05	BS
M	BM	560,606.34	671,892.46	941.26	=BM (USGS-941)
S	67	560,531.44	672,400.40	935.88	-
S	68	560,848.81	672,487.91	952.26	-
S	69	561,166.12	672,575.96	963.42	-
F	TPOS	561,445.42	672,688.58	969.12	TP=OFF STA.
B	TPOS	561,445.42	672,688.58	974.47	BS=RDI (TPOS)
S	70	561,482.21	672,663.02	969.46	-
S	71	561,797.29	672,750.19	938.06	-
S	72	562,114.25	672,837.94	920.39	-
S	73	562,431.49	672,926.05	906.28	-
S	74	562,751.50	673,007.22	921.02	-
S	75	563,077.01	673,055.96	948.37	-
S	76	563,406.44	673,069.16	953.04	-
S	77	563,735.18	673,041.07	953.07	-
F	ST 77	563,735.47	673,041.43	953.00	TP
B	TPOS	563,735.47	673,041.43	958.13	BS
S	78	564,062.98	673,005.34	965.97	-
S	79	564,389.14	672,966.23	984.24	-
S	80	564,715.99	672,926.86	997.48	-

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AREA: MD.E
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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	81	565,043.48	672,889.58	1,008.96	-
F	TPOS	565,050.55	672,872.19	1,009.60	TP=OFF STA.
B	ST 77	565,050.55	672,872.19	1,014.60	BS
S	82	565,370.37	672,851.99	993.10	-
S	83	565,696.79	672,812.58	976.09	-
S	84	566,023.34	672,774.72	961.23	-
S	85	566,353.06	672,757.89	958.24	-
F	ST 85	566,353.23	672,758.09	958.21	TP
B	TPOS	566,353.23	672,758.09	963.41	BS
S	86	566,681.61	672,784.07	950.55	-
S	87	567,005.20	672,840.98	933.28	-
S	88	567,327.47	672,909.04	923.41	-
S	89	567,649.61	672,975.74	947.33	-
S	90	567,972.27	673,042.39	950.17	-
F	TPOS	568,345.48	673,096.26	957.91	TP=OFF STA.
B	ST 85	568,345.48	673,096.26	963.21	BS
S	91	568,299.31	673,027.93	956.58	+220'=RDI
S	92	568,586.85	672,874.05	966.42	-
S	93	568,823.58	672,644.45	975.94	-
S	94	569,058.97	672,413.61	982.06	-
S	95	569,296.89	672,185.49	978.88	-
F	TPOS	569,153.00	672,349.60	982.71	TP=OFF STA.
B	TPOS	569,153.00	672,349.60	988.21	BS
S	96	569,540.96	671,963.88	968.97	-
S	97	569,782.53	671,740.35	983.87	-
F	TPOS	569,923.05	671,593.02	994.49	TP=OFF STA.
B	TPOS	569,923.05	671,593.02	999.81	BS
S	98	569,977.36	671,475.21	998.31	-
S	99	570,159.88	671,200.78	1,002.06	-
S	100	570,342.11	670,926.11	1,011.25	-
S	101	570,528.14	670,654.56	1,007.03	-
F	ST 101	570,528.28	670,654.70	1,006.99	TP
B	TPOS	570,528.28	670,654.70	1,012.19	BS
S	102	570,782.38	670,446.33	1,009.34	-
S	103	571,065.10	670,277.01	1,006.03	-
S	104	571,347.02	670,105.52	1,006.92	-
S	105	571,628.56	669,934.20	1,004.21	-
S	106	571,909.21	669,761.16	1,008.09	-
S	107	572,182.88	669,578.95	1,026.02	-
S	108	572,449.78	669,385.19	1,035.77	-
F	TPOS	572,541.91	669,329.80	1,038.73	TP=OFF STA.
B	ST 101	572,541.91	669,329.80	1,044.05	BS
S	109	572,693.74	669,163.56	1,036.56	+40'=RDI
S	110	573,009.65	669,125.96	1,040.22	-
F	ST 110	573,009.73	669,126.04	1,040.21	TP
B	TPOS	573,009.73	669,126.04	1,045.51	BS
S	111	573,230.58	669,364.46	1,049.03	-
S	112	573,415.97	669,635.49	1,069.31	-
S	113	573,600.24	669,907.51	1,086.35	-
S	114	573,786.98	670,176.12	1,119.00	-
F	TPOS	573,918.93	670,326.54	1,146.18	TP=OFF STA.

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TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
B	ST 110	573,918.93	670,326.54	1,151.41	BS
S	115	574,053.88	670,343.23	1,162.69	-
S	116	574,377.12	670,333.52	1,205.91	+40'=RDI
M	RDI	574,423.37	670,342.49	1,210.40	=RDI(1211)
F	TPOS	574,489.04	670,363.39	1,215.04	TP=OFF STA.
B	TPOS	574,489.04	670,363.39	1,220.39	BS
S	117	574,703.12	670,369.14	1,222.95	-
S	118	575,032.24	670,355.64	1,227.67	-
S	119	575,362.11	670,348.69	1,229.48	-
F	ST 118	575,362.23	670,348.82	1,229.45	TP
B	TPOS	575,362.23	670,348.82	1,234.75	BS
S	120	575,690.93	670,374.08	1,227.00	-
F	121	576,019.50	670,403.40	1,222.78	-
S	122	576,348.26	670,430.70	1,223.90	-
S	123	576,677.02	670,458.01	1,227.06	-
S	124	577,005.87	670,484.04	1,226.30	-
F	HALF ST	577,170.53	670,485.11	1,221.20	TP=HALF STA.
B	ST 119	577,170.53	670,485.11	1,226.62	BS
S	125	577,334.85	670,478.90	1,216.54	-
S	126	577,663.11	670,446.63	1,203.73	-
S	127	577,990.93	670,415.30	1,196.08	-
S	128	578,318.81	670,385.50	1,187.05	-
S	129	578,648.06	670,364.54	1,182.50	-
S	130	578,978.00	670,358.08	1,177.58	-
S	131	579,307.71	670,355.36	1,176.51	-
S	134	580,297.16	670,358.48	1,171.33	-
S	135	580,627.10	670,361.04	1,177.23	-
S	136	580,956.56	670,358.98	1,178.03	-
F	TPOS	581,225.53	670,371.31	1,174.19	TP=OFF STA.
F	HALF	581,225.53	670,371.31	1,179.49	BS=HALF STA.
S	132	579,638.34	670,355.82	1,176.76	-
S	133	579,968.16	670,356.38	1,175.75	-
S	137	581,279.61	670,412.23	1,174.61	+30'=RDI
S	138	581,504.68	670,645.15	1,162.27	-
S	139	581,704.57	670,904.25	1,147.11	-
F	TPOS	581,854.14	671,055.59	1,135.82	TP=OFF STA.
B	TPOS	581,854.14	671,055.59	1,141.22	BS
S	140	581,959.46	671,113.90	1,130.24	-
S	141	582,211.17	671,325.00	1,109.86	-
S	142	582,465.32	671,533.22	1,090.72	-
S	143	582,754.91	671,688.62	1,080.66	-
F	TPOS	582,813.23	671,739.15	1,079.98	TP=OFF STA.
B	TPOS	582,813.23	671,739.15	1,085.33	BS
S	144	583,076.08	671,764.32	1,079.07	-
S	145	583,402.80	671,803.26	1,076.36	-
S	146	583,730.69	671,826.81	1,064.41	-
F	TPOS	583,544.24	671,794.23	1,071.50	TP=OFF STA.
B	TPOS	583,544.24	671,794.23	1,076.80	BS
S	147	584,056.58	671,877.10	1,050.57	-
S	148	584,381.95	671,928.91	1,039.29	-
F	TPOS	584,545.60	671,948.71	1,029.80	TP=HALF STA.

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AREA: MO.E
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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
B TPOS	584,545.60	671,948.71	1,035.25	BS
S 149	584,702.71	671,996.26	1,023.78	+175'=RDI
S 150	584,952.25	672,210.92	1,018.96	-
M TK	585,050.56	672,254.73	1,016.02	=TK MAG. SURVEY
F RDI	584,835.00	672,120.00	1,022.00	TP=RDI (1022)
T TIE 2	584,835.00	672,120.00	1,022.00	TP=RDI (1022)
TD DIFF:	0.00	0.00	0.00	TP=RDI (1022)

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AREA: MO.E
 LINE: MO1A
 DATE: 12-01-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
N	TK0 3	585,050.56	672,254.73	1,016.02	
B	TK	586,613.18	672,345.06	1,021.81	BS
S	151	585,266.82	672,284.57	1,014.37	-
S	152	585,594.06	672,250.91	1,015.86	-
S	153	585,914.58	672,322.42	1,013.48	-
S	154	586,239.82	672,340.33	1,014.67	-
S	155	586,566.78	672,327.02	1,017.11	-
S	156	586,850.86	672,493.39	1,013.37	-
S	157	587,165.78	672,589.46	1,009.74	-
S	158	587,484.63	672,671.84	1,001.67	-
S	159	587,792.79	672,784.34	996.43	-
F	TPOS	587,823.48	672,803.33	996.55	TP=OFF STA.
F	TPOS	589,046.33	673,104.01	1,007.14	BS
S	160	588,052.56	672,983.50	998.09	-
S	161	588,362.87	673,083.65	998.25	-
S	162	588,692.69	673,084.49	998.30	-
S	163	589,021.43	673,107.70	1,002.35	-
S	164	589,350.08	673,128.36	995.39	-
S	165	589,679.33	673,138.04	987.15	-
S	166	590,006.28	673,179.14	978.59	-
S	167	590,329.64	673,243.61	975.67	-
S	168	590,652.37	673,311.18	977.85	-
S	169	590,974.35	673,379.45	995.05	-
S	170	591,290.84	673,470.68	1,010.81	-
S	171	591,610.05	673,549.67	1,024.07	-
S	172	591,938.79	673,572.78	1,037.77	-
S	173	592,264.06	673,620.86	1,046.50	-
S	174	592,588.74	673,677.57	1,053.04	-
F	175	592,912.95	673,738.54	1,061.26	-
F	TPOS	593,016.86	673,764.78	1,063.70	TP=OFF STA.
B	TPOS	594,364.14	673,578.79	1,065.35	BS
S	176	593,234.97	673,791.58	1,061.09	+100' =RDI
M	RDI	593,335.04	673,806.30	1,060.48	=RDI (1060)
S	177	593,563.29	673,775.12	1,059.39	-
S	178	593,883.59	673,696.59	1,059.23	-
S	179	594,203.89	673,618.07	1,059.98	-
S	180	594,519.42	673,523.76	1,055.29	-
S	181	594,827.29	673,405.34	1,057.27	-
S	182	595,133.69	673,283.55	1,054.84	-
F	ST 182	595,133.17	673,283.60	1,054.78	TP
B	ST 182	596,090.67	673,050.17	1,047.88	BS
S	183	595,446.66	673,184.93	1,046.58	-
S	184	595,772.03	673,131.45	1,036.76	-
S	185	596,090.67	673,050.17	1,042.88	=INST. LOC.
S	186	596,361.54	672,861.80	1,036.14	-
S	187	596,657.37	672,719.85	1,036.45	-
F	TPOS	596,721.14	672,663.62	1,040.95	TP=OFF STA.
B	TPOS	597,604.21	673,201.17	1,061.56	BS
S	188	596,973.99	672,778.29	1,037.27	+115' =RDI
M	RDI	597,065.41	672,849.96	1,039.00	=RDI (1039)

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TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 189	597,244.10	672,967.31	1,046.21	-
S 190	597,524.40	673,140.43	1,054.37	-
S 191	597,826.67	673,272.32	1,058.63	-
S 192	598,131.62	673,398.04	1,057.94	-
S 193	598,437.97	673,519.74	1,052.75	-
M TK	(598,493.38	673,536.91)	1,050.47)	=TK (MO1B)
F RDI	597,065.00	672,850.00	1,039.00	TP=RDI (1039)
T TIE 4	597,065.00	672,850.00	1,039.00	TP=RDI (1039)
TD DIFF:	0.00	0.00	0.00	TP=RDI (1039)

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AREA: MD.E
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 DATE: 12-01-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
N	TKD 5	598,493.38	673,536.91	1,050.47	
B	TPOS	599,222.65	673,588.40	1,055.23	BS
S	194	598,759.70	673,559.56	1,054.90	-
S	195	599,088.95	673,549.69	1,054.66	-
S	196	599,387.45	673,684.30	1,047.01	-
S	197	599,661.43	673,867.72	1,043.93	-
S	198	599,937.85	674,045.78	1,030.76	-
F	TPOS	600,031.71	674,111.73	1,031.94	TP=OFF STA.
B	TPOS	600,419.92	674,119.91	1,053.71	BS
S	199	600,255.18	674,120.24	1,040.50	-
S	200	600,584.87	674,117.27	1,045.77	-
S	201	600,914.33	674,112.76	1,033.27	-
S	202	601,244.00	674,111.12	1,028.29	-
S	203	601,573.51	674,106.59	1,022.43	-
S	204	601,902.96	674,107.55	1,027.89	-
F	TPOS	602,020.91	674,116.99	1,033.60	TP=OFF STA.
B	TPOS	602,676.04	674,611.62	1,020.25	BS
S	205	602,204.70	674,228.68	1,029.03	-
S	206	602,457.33	674,439.88	1,011.42	-
S	207	602,734.44	674,616.08	1,015.73	-
S	208	603,038.87	674,742.68	1,026.60	-
S	209	603,342.06	674,871.70	1,024.64	-
F	TPOS	603,420.42	674,920.49	1,020.65	TP=OFF STA.
B	TPOS	603,616.67	675,668.38	1,040.54	BS
S	210	603,510.37	675,136.81	1,020.29	-
S	211	603,555.28	675,463.13	1,023.94	-
S	212	603,744.86	675,715.28	1,039.25	+100'=RDI
F	TK	(603,966.59)	(675,768.21)	(1,040.88)	=TK(MD1B)
B	TK	604,663.21	675,757.38	1,055.96	BS
F	BM	604,525.00	675,700.00	1,050.00	TP=BM(USGS-1050)
T	TIE 6	604,525.00	675,700.00	1,050.00	TP=BM(USGS-1050)
TD	DIFF:	0.00	0.00	0.00	TP=BM(USGS-1050)

BEGINNING FILE: MO1A-1
 CLIENT: CORNELL UNIV.
 PROSPECT: MO. AREA
 SURVEYOR: MICHAEL LEE
 PAGE: 1

AREA: MO.E
 LINE: MO1A
 DATE: 12-01-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
N	TK0 1	603,966.59	675,768.21	1,040.88	
B	TK	603,972.90	675,995.21	1,039.91	BS=SUR. PT.
S	213	603,954.64	675,947.51	1,035.48	-
S	214	603,989.69	676,272.24	1,038.69	-
S	215	603,971.40	676,600.17	1,024.46	-
F	TPOS	603,974.25	676,717.30	1,025.20	TP=OFF STA.
B	TPOS	604,607.44	677,532.94	992.48	BS
S	216	604,104.39	676,895.83	1,022.55	-
S	217	604,322.33	677,142.51	1,006.97	-
S	218	604,533.19	677,395.37	991.15	-
S	219	604,674.16	677,692.54	985.96	-
F	220	604,756.45	678,011.86	988.03	-
E	221	604,799.46	678,338.29	993.13	-
F	TPOS	604,813.46	678,326.19	994.89	TP=OFF STA.
B	TPOS	604,339.36	678,976.65	989.51	BS
S	222	604,619.36	678,608.84	987.58	-
S	223	604,412.65	678,864.86	980.88	-
S	224	604,296.94	679,173.00	985.01	-
S	225	604,208.78	679,490.15	989.41	-
F	TPOS	604,168.83	679,683.04	979.14	TP=OFF STA.
B	TPOS	604,350.97	679,943.37	972.19	BS
S	226	604,254.45	679,809.71	969.24	-
S	227	604,481.90	680,043.75	965.43	-
S	228	604,743.68	680,244.46	962.10	-
S	229	605,005.30	680,445.05	959.06	-
S	230	605,266.60	680,645.60	974.46	-
F	TPOS	605,483.74	680,844.26	977.28	TP=OFF STA.
B	TPOS	605,531.67	681,264.29	984.48	BS
F	231	605,484.25	680,889.09	977.19	-
S	232	605,522.08	681,213.93	982.22	-
S	233	605,491.37	681,541.82	966.94	-
F	TPOS	605,402.53	681,784.07	956.91	TP=OFF STA.
B	TPOS	604,638.06	682,429.42	985.21	BS
S	234	605,349.87	681,837.75	957.57	-
S	235	605,083.65	682,026.75	963.94	-
S	236	604,790.67	682,176.87	971.28	-
S	237	604,674.05	682,468.29	980.66	-
S	238	604,851.77	682,738.99	976.63	-
S	239	605,042.71	683,004.95	983.36	-
F	TPOS	605,076.02	683,095.49	990.98	TP=OFF STA.
B	TPOS	605,152.66	683,382.49	1,009.29	BS
S	240	605,147.72	683,317.19	1,004.82	-
S	241	605,276.05	683,619.67	985.08	-
S	242	605,441.05	683,904.67	980.42	-
F	TPOS	605,421.16	683,942.90	980.95	TP=OFF STA.
B	TPOS	606,736.96	685,194.79	958.82	BS
S	243	605,663.78	684,148.74	976.94	-
S	244	605,898.09	684,380.92	971.62	-
S	245	606,133.43	684,611.79	968.02	-
S	246	606,367.41	684,844.10	957.30	-

CLIENT: CORNELL UNIV.
PROSPECT: MO. AREA
SURVEYOR: MICHAEL LEE
PAGE: 2

AREA: MO.E
LINE: MO1A
DATE: 12-01-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	247	606,604.40	685,072.88	951.38	-
S	248	606,908.73	685,180.35	955.15	-
S	249	607,229.39	685,239.92	934.34	-
F	TPOS	607,204.31	685,207.02	942.07	TP=OFF STA.
B	TPOS	607,720.66	685,631.46	921.58	BS
S	250	607,502.43	685,424.33	912.36	-
S	251	607,737.35	685,653.49	918.53	-
S	252	607,885.13	685,945.04	929.76	-
F	TPOS	607,935.46	686,040.37	930.86	TP=OFF STA.
B	TPOS	608,700.48	686,408.18	951.72	BS
S	253	608,139.85	686,153.83	932.39	-
F	BM	608,350.00	686,340.00	941.00	TP=BM (USGS-941)
T	TIE 2	608,350.00	686,340.00	941.00	TP=BM (USGS-941)
T	DIFF:	0.00	0.00	0.00	TP=BM (USGS-941)

BEGINNING FILE: MO1B-1
 CLIENT: CORNELL UNIV.
 PROSPECT: MO. AREA
 SURVEYOR: MICHAEL LEE
 PAGE: 1

AREA: MO.E
 LINE: MO1B
 DATE: 12-02-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
N	TKD 3	608,350.00	686,340.00	941.00	
B	BM	608,700.04	686,409.78	951.73	BS=BM(941)
S	254	608,418.55	686,326.92	939.70	-
S	255	608,735.51	686,410.98	946.46	-
S	256	609,063.86	686,438.71	933.34	-
S	257	609,392.89	686,462.11	927.54	-
F	TPOS	609,422.18	686,469.44	927.71	TP=OFF STA.
B	TPOS	609,997.34	686,723.33	964.83	BS
S	258	609,698.65	686,584.85	939.59	-
S	259	609,997.34	686,723.33	959.83	=INST.LOC.
S	260	610,307.73	686,834.21	947.93	-
F	261	610,618.49	686,945.22	943.67	-
C	262	610,929.08	687,056.18	932.93	-
S	263	611,238.88	687,166.85	906.22	-
S	264	611,549.08	687,277.67	913.01	-
S	265	611,859.58	687,388.59	918.81	-
S	266	612,169.91	687,499.67	922.67	-
F	TPOS	612,343.75	687,598.93	923.94	TP=OFF STA.
B	TPOS	612,564.48	687,735.33	943.11	BS
S	267	612,460.99	687,647.70	932.17	+150'=RDI
M	RDI	612,538.24	687,776.10	935.91	=RDI(936)
S	268	612,665.55	687,565.28	926.76	-
S	269	612,848.50	687,291.44	908.00	-
S	270	613,041.20	687,024.41	910.79	-
S	271	613,253.81	686,775.73	929.21	-
F	TPOS	613,205.04	686,844.73	929.14	TP=OFF STA.
B	TPOS	613,618.09	686,566.81	933.05	BS
S	272	613,538.11	686,610.67	923.20	-
F	273	613,772.06	686,384.91	921.15	-
S	274	613,989.65	686,146.51	912.57	-
F	TPOS	613,945.45	686,172.16	915.67	TP=OFF STA.
B	TPOS	614,361.82	686,002.54	936.69	BS
S	275	614,293.07	686,020.80	925.82	-
S	276	614,606.59	685,919.47	923.47	-
S	277	614,927.33	685,846.21	938.37	-
F	TPOS	615,027.68	685,841.59	943.31	TP=OFF STA.
B	TPOS	615,521.86	685,874.07	933.44	BS
S	278	615,256.26	685,846.72	939.82	-
S	279	615,585.02	685,846.41	922.90	-
S	280	615,906.28	685,779.66	896.09	-
F	TPOS	615,965.68	685,763.42	891.27	TP=OFF STA.
B	TPOS	617,688.81	685,015.86	833.61	BS
S	281	616,205.44	685,645.59	869.07	-
S	282	616,504.98	685,510.05	839.75	-
S	283	616,808.54	685,385.89	835.32	-
S	284	617,113.85	685,261.42	837.13	-
S	285	617,412.64	685,122.25	822.65	+25'=RDI
F	RDI	617,445.00	685,125.00	822.20	TP=RDI
T	TIE 4	617,445.00	685,125.00	822.20	TP=RDI
TD	DIFF:	0.00	0.00	0.00	TP=RDI

BEGINNING FILE: MO1C-1
 CLIENT: CORNELL UNIV.
 PROSPECT: MO. AREA
 SURVEYOR: MICHAEL LEE
 PAGE: 1

AREA: MO.E
 LINE: MO1C
 DATE: 12-02-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
N	TK0 5	617,445.00	685,125.00	822.20	
B	RDI	617,689.05	685,016.68	833.60	BS=RDI
S	286	617,684.74	684,954.23	828.24	-
S	287	617,715.52	684,631.04	858.58	-
S	288	617,792.55	684,314.82	882.46	-
F	TP05	617,777.35	684,331.86	883.19	TP=OFF STA.
B	TP05	618,004.80	684,072.07	886.29	BS
S	289	618,004.80	684,072.07	881.29	=INST.LOC.
S	290	618,329.74	684,036.22	855.03	-
F	TP05	618,502.98	684,055.86	856.75	TP=OFF STA.
B	TP05	618,746.02	684,164.16	878.63	BS
S	291	618,652.55	684,102.70	867.09	-
S	292	618,895.36	684,318.53	872.46	-
F	TP05	619,001.37	684,454.58	871.86	TP=OFF STA.
B	TP05	619,754.05	684,779.39	887.36	BS
S	293	619,150.37	684,522.97	865.13	-
S	294	619,458.04	684,641.04	866.17	-
S	295	619,754.05	684,779.39	882.36	=INST.LOC.
S	296	620,029.72	684,959.92	875.12	-
F	TP05	620,055.16	685,015.10	871.78	TP=OFF STA.
B	TP05	620,743.37	685,966.36	848.71	BS
S	297	620,191.48	685,241.10	846.94	-
S	298	620,252.13	685,561.53	817.99	-
S	299	620,428.60	685,818.63	819.40	-
S	300	620,730.29	685,947.47	841.58	-
S	301	621,051.57	686,017.93	842.66	-
F	TP05	621,322.99	686,138.45	854.73	TP=OFF STA.
B	TP05	622,034.72	686,862.64	863.77	BS
S	302	621,344.38	686,161.78	853.18	-
S	303	621,577.48	686,392.99	845.55	-
S	304	621,826.49	686,608.28	850.72	-
S	305	622,034.72	686,862.64	858.77	=INST.LOC.
S	306	622,262.05	687,101.55	858.46	-
F	TP05	622,454.20	687,227.55	858.51	TP=OFF STA.
B	TP05	623,379.23	687,112.33	853.95	BS
S	307	622,552.17	687,243.19	854.51	-
S	308	622,874.40	687,179.51	847.19	-
S	309	623,197.33	687,112.03	848.58	-
S	310	623,504.39	687,183.90	846.85	+220'=RDI
F	TP05	(623,588.33)	(687,400.59)	(839.16)	TP=TK PT.
B	TK	623,777.92	687,186.72	861.65	BS
F	BM	623,800.00	687,130.00	861.00	TP=BM(USGS-861)
T	TIE 6	623,800.00	687,130.00	861.00	TP=BM(USGS-861)
TD	DIFF:	0.00	0.00	0.00	TP=BM(USGS-861)

BEGINNING FILE: MO1B-1
 CLIENT: CORNELL UNIV.
 PROSPECT: MO. AREA
 SURVEYOR: MICHAEL LEE
 PAGE: 1

AREA: MO.E
 LINE: MO1B
 DATE: 12-03-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
N	TKO 1	623,588.33	687,400.59	839.16	
B	TK	624,015.28	688,837.79	816.80	BS=TK SUR.PT.
S	311	623,620.06	687,475.72	834.62	-
S	312	623,708.39	687,793.02	822.00	-
S	313	623,802.69	688,108.82	818.61	-
S	314	623,907.50	688,421.55	815.22	-
S	315	624,011.09	688,733.58	809.73	-
S	316	624,004.22	689,062.25	819.15	-
S	317	623,944.03	689,384.45	825.29	-
F	TPOS	623,953.19	689,351.70	825.22	TP=OFF STA.
B	TPOS	623,612.50	689,969.57	834.35	BS
S	318	623,799.86	689,675.15	826.18	-
S	319	623,618.51	689,949.98	827.57	-
S	320	623,660.93	690,230.77	813.28	-
F	TPOS	623,808.90	690,440.64	813.59	TP=OFF STA.
B	TPOS	623,854.61	691,720.99	788.50	BS
S	321	623,812.34	690,510.58	809.88	-
S	322	623,841.85	690,838.13	788.07	-
S	323	623,849.34	691,166.87	775.68	-
S	324	623,851.55	691,495.55	778.61	-
S	325	623,927.87	691,807.07	779.00	-
S	326	624,144.57	692,055.12	764.30	-
F	TPOS	624,312.45	692,292.20	762.59	TP=OFF STA.
B	TPOS	624,269.97	693,273.75	780.02	BS
S	327	624,313.26	692,326.33	763.08	-
S	328	624,307.69	692,655.55	767.65	-
S	329	624,302.69	692,984.75	768.97	-
S	330	624,264.26	693,312.12	774.70	-
F	TPOS	624,194.84	693,511.47	777.30	TP=OFF STA.
B	TPOS	624,733.68	694,377.30	747.73	BS
S	331	624,261.86	693,622.48	775.24	-
S	332	624,445.21	693,896.05	760.07	-
S	333	624,628.56	694,168.96	746.16	-
S	334	624,760.77	694,466.97	740.16	-
S	335	624,788.68	694,794.96	744.75	-
S	336	624,837.51	695,120.83	747.12	-
F	TPOS	624,826.12	695,082.57	747.75	TP=OFF STA.
B	TPOS	625,017.88	695,820.83	767.42	BS
S	337	624,930.62	695,431.35	754.49	-
S	338	625,022.93	695,746.83	763.55	-
S	339	625,089.05	696,068.94	747.64	-
F	TPOS	625,079.65	696,076.26	748.07	TP=OFF STA.
B	TPOS	625,431.72	696,986.53	725.71	BS
S	340	625,192.67	696,373.05	738.80	-
S	341	625,329.46	696,672.85	726.36	-
S	342	625,431.72	696,986.53	720.71	=INST.LOC.
S	343	625,493.11	697,309.92	728.58	-
F	TPOS	625,473.75	697,437.26	736.75	TP=OFF STA.
B	TPOS	625,432.32	697,848.07	761.63	BS
S	344	625,468.59	697,633.03	748.44	-

CLIENT: CORNELL UNIV.
PROSPECT: MD. AREA
SURVEYOR: MICHAEL LEE
PAGE: 2

AREA: MD.E
LINE: MD1B
DATE: 12-03-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	345	625,458.59	697,961.29	749.55	-
F	TPOS	625,486.65	698,140.93	746.49	TP=OFF STA.
B	TPOS	625,786.44	698,551.31	749.57	BS
S	346	625,555.34	698,271.79	746.45	-
S	347	625,755.38	698,525.02	744.73	-
S	348	625,902.89	698,811.95	730.33	-
S	349	625,994.89	699,126.73	729.56	-
S	350	626,092.09	699,441.81	725.86	-
S	351	626,202.18	699,751.74	730.53	-
S	352	626,232.96	700,077.76	736.35	-
S	353	626,179.37	700,403.46	724.67	-
F	TPOS	626,195.76	700,538.44	731.27	TP=OFF STA.
B	TPOS	626,974.08	700,964.58	725.73	BS
L	354	626,392.78	700,652.92	722.55	+10' =RDI
F	RDI	626,400.00	700,670.00	723.50	TP=RDI
T	TIE 2	626,400.00	700,670.00	723.50	TP=RDI
TD	DIFF:	0.00	0.00	0.00	TP=RDI

BEGINNING FILE: MO1C-1
 CLIENT: CORNELL UNIV.
 PROSPECT: MO. AREA
 SURVEYOR: MICHAEL LEE
 PAGE: 1

AREA: MO.E
 LINE: MO1C
 DATE: 12-03-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
N	TK0 3	626,400.00	700,670.00	723.50	
B	RDI	626,974.24	700,964.94	725.83	BS=RDI
S	355	626,679.80	700,815.99	723.54	-
S	356	626,974.24	700,964.94	720.83	=INST.LOC.
S	357	627,240.43	701,157.20	710.97	-
S	358	627,475.85	701,387.92	699.27	-
S	359	627,719.31	701,609.77	695.55	-
S	360	627,974.48	701,818.99	697.00	-
S	361	628,230.15	702,027.11	702.78	-
F	TPOS	628,406.69	702,194.35	706.52	TP=OFF STA.
I	TPOS	628,427.99	703,434.69	730.47	BS
S	362	628,422.19	702,296.68	706.71	-
S	363	628,447.13	702,622.34	711.55	-
S	364	628,428.52	702,951.61	721.05	-
S	365	628,429.70	703,281.00	723.56	-
S	366	628,488.09	703,605.30	724.23	-
S	367	628,579.24	703,922.16	715.61	-
S	368	628,669.19	704,239.23	700.44	-
S	369	628,762.41	704,555.29	697.15	-
S	370	628,861.43	704,870.08	698.02	-
S	371	628,958.99	705,184.90	711.38	-
M	BM	629,007.17	705,250.45	713.88	=BM(USGS-714)
F	TPOS	629,049.61	705,393.01	710.99	TP=OFF STA.
B	TPOS	629,743.63	706,135.66	712.79	BS
S	372	629,141.75	705,460.38	706.18	-
S	373	629,369.52	705,698.83	699.03	-
E	374	629,599.61	705,935.16	702.86	-
C	375	629,839.59	706,160.51	698.27	-
S	376	630,123.52	706,326.91	694.99	-
S	377	630,419.87	706,471.72	693.09	-
S	378	630,715.59	706,616.79	675.10	-
S	379	631,012.95	706,758.48	670.05	-
F	TPOS	631,109.86	706,831.59	669.17	TP=OFF STA.
B	TPOS	633,786.54	707,503.04	627.08	BS
S	380	631,319.04	706,887.55	654.69	-
S	381	631,638.42	706,969.77	642.75	-
S	382	631,959.20	707,045.26	651.43	-
S	383	632,279.51	707,122.32	637.23	-
S	384	632,599.95	707,199.66	626.31	-
S	385	632,920.95	707,275.59	618.04	-
S	386	633,241.76	707,352.58	609.51	-
S	387	633,562.64	707,426.57	604.21	-
S	388	633,850.50	707,569.96	627.45	+10'+130'=RDI
M	RDI	633,890.19	707,680.55	628.47	=RDI(630)
F	TPOS	634,010.26	707,828.17	626.06	TP=OFF STA.
B	TPOS	634,129.37	707,922.16	626.92	BS
S	389	634,059.15	707,824.39	623.38	-
S	390	634,294.33	708,054.69	605.23	-
S	391	634,522.88	708,291.33	581.97	-
S	392	634,783.81	708,489.40	583.44	-

CLIENT: CORNELL UNIV.
PROSPECT: MO. AREA
SURVEYOR: MICHAEL LEE
PAGE: 2

AREA: MD.E
LINE: MD1C
DATE: 12-03-1987

TY ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S 393	635,085.26	708,622.27	605.30	-
S 394	635,397.06	708,726.57	605.95	-
S 395	635,705.20	708,843.51	610.16	-
S 396	635,995.76	708,996.11	628.69	=RDI
F RDI	635,990.00	709,000.00	629.00	TF=RDI (629)
T TIE 4	(635,990.00)	(709,000.00)	(629.00)	TF=RDI (629)
TD DIFF:	0.00	0.00	0.00	TF=RDI (629)

BEGINNING FILE: MO1D-1
 CLIENT: CORNELL UNIV.
 PROSPECT: MO. AREA
 SURVEYOR: MICHAEL LEE
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AREA: MO.E
 LINE: MO1D
 DATE: 12-03-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
N	TKO 5	635,990.00	709,000.00	629.00	
B	RDI	634,127.13	707,930.79	627.05	BS=RDI (629)
S	397	636,298.71	709,127.23	648.80	-
F	TPOS	636,401.33	709,189.20	647.87	TP=OFF STA.
B	TPOS	636,945.36	709,610.12	645.84	BS
S	398	636,576.30	709,306.85	643.22	-
S	399	636,842.78	709,500.55	641.37	-
S	400	637,028.92	709,766.90	629.09	-
S	401	637,155.03	710,071.09	626.78	-
F	TPOS	637,162.43	710,122.87	627.65	TP=OFF STA.
B	TPOS	637,246.06	710,602.62	644.05	BS
S	402	637,213.22	710,395.81	631.55	-
S	403	637,304.33	710,707.77	646.18	-
S	404	637,470.01	710,990.52	673.09	-
F	TPOS	637,461.68	711,024.32	674.38	TP=OFF STA.
B	TPOS	637,693.65	711,506.22	675.90	BS
S	405	637,587.59	711,298.32	671.55	-
S	406	637,773.29	711,570.09	670.65	-
F	TPOS	637,880.79	711,646.95	668.42	TP=OFF STA.
B	TPOS	638,485.43	711,849.59	685.34	BS
S	407	638,067.26	711,709.71	659.36	-
S	408	638,377.99	711,816.03	676.21	-
S	409	638,681.07	711,937.43	667.43	-
F	TPOS	638,864.30	712,038.02	650.44	TP=OFF STA.
B	TPOS	639,396.61	711,831.80	644.88	BS
S	410	638,988.44	712,022.51	631.32	-
F	411	639,268.95	711,856.81	637.15	-
S	412	639,595.38	711,818.97	637.78	-
S	413	639,924.06	711,803.51	630.17	-
F	TPOS	640,115.65	711,817.96	637.50	TP=OFF STA.
B	TPOS	640,739.56	711,900.59	627.67	BS
S	414	640,252.51	711,834.81	636.30	-
S	415	640,581.87	711,855.43	626.55	-
S	416	640,899.03	711,943.70	621.66	-
S	417	641,209.43	712,055.58	619.94	-
S	418	641,512.30	712,185.71	624.06	-
F	TPOS	641,621.67	712,243.40	622.18	TP=OFF STA.
B	TPOS	641,863.73	712,439.61	617.30	BS
S	419	641,795.30	712,354.29	613.94	-
S	420	641,958.50	712,628.86	615.20	-
F	TPOS	642,056.81	712,911.78	601.20	TP=OFF STA.
B	TPOS	642,956.57	713,145.80	577.42	BS
S	421	642,103.30	712,921.86	598.38	-
S	422	642,423.65	712,999.31	571.96	-
S	423	642,744.63	713,076.50	568.46	-
S	424	643,063.10	713,159.21	566.29	-
S	425	643,386.44	713,222.41	547.69	-
F	TPOS	643,582.57	713,266.13	535.56	TP=OFF STA.
B	TPOS	643,844.83	713,474.06	533.08	BS
S	426	643,689.75	713,331.34	531.37	-

CLIENT: CORNELL UNIV.
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AREA: MO.E
LINE: MO1D
DATE: 12-03-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	427	643,909.73	713,570.99	523.97	-
S	428	644,011.10	713,882.64	504.22	-
F	TP08	643,956.23	713,746.46	516.80	TP=OFF STA.
B	TP08	644,284.26	714,829.15	464.93	BS
S	429	644,091.17	714,201.92	484.90	-
S	430	644,210.35	714,508.29	468.44	-
S	431	644,284.26	714,829.15	459.93	+30'=RDI
S	432	644,285.79	715,159.04	451.18	-
F	TP08	644,290.01	715,224.05	448.99	TP=OFF STA.
B	TP08	644,279.48	715,326.23	443.95	BS
S	433	644,385.26	715,455.76	412.95	-
S	434	644,672.78	715,614.85	401.69	-
S	435	644,842.44	715,879.56	402.18	-
S	436	644,875.92	716,206.07	404.55	-
S	437	645,050.92	716,474.37	412.75	-
S	438	645,303.02	716,686.30	422.31	-
S	439	645,532.37	716,921.57	450.60	-
S	440	645,662.60	717,200.55	483.20	-
F	ST 440	645,663.24	717,201.01	483.20	TP
B	ST 440	645,622.07	717,230.00	487.23	BS
M	BM	645,592.69	717,220.18	484.98	=BM (USGS-485)
F	RDI	645,540.00	717,310.00	474.80	TP=RDI
T	TIE 6	645,540.00	717,310.00	474.80	TP=RDI
TD	DIFF:	0.00	0.00	0.00	TP=RDI

BEGINNING FILE: MD1C-1
 CLIENT: CORNELL UNIV.
 PROSPECT: MO. AREA
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AREA: MO.E
 LINE: MO1C
 DATE: 12-04-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
N	TKD 1	645,540.00	717,310.00	474.80	
B	RDI	645,622.24	717,230.20	487.22	BS=RDI
S	441	645,778.66	717,385.29	473.98	-
S	442	646,088.43	717,496.80	493.67	-
S	443	646,379.47	717,650.37	503.15	-
S	444	646,668.73	717,808.69	509.07	-
S	445	646,958.61	717,965.05	510.03	+265'=RDI
F	RDI	647,181.25	718,095.88	516.43	TP=OFF STA.
B	TPOS	646,876.71	718,585.56	507.04	BS
S	446	647,150.20	718,174.05	510.10	-
F	447	646,975.16	718,452.78	500.03	-
S	448	646,801.28	718,731.61	490.84	-
S	449	646,565.82	718,961.90	494.32	-
F	TPOS	646,462.53	719,024.28	500.11	TP=OFF STA.
B	TPOS	646,390.82	719,446.71	485.49	BS
S	450	646,344.09	719,203.37	481.79	-
S	451	646,423.40	719,512.65	477.02	-
S	452	646,497.61	719,832.61	464.53	-
S	453	646,529.83	720,160.76	469.33	-
S	454	646,471.54	720,483.30	461.85	-
F	TPOS	646,439.20	720,546.97	461.94	TP=OFF STA.
B	TPOS	646,399.79	720,805.63	458.69	BS
S	455	646,399.79	720,805.63	453.69	=INST.LOC.
S	456	646,507.10	721,113.55	452.65	-
S	457	646,460.54	721,430.86	465.68	-
F	TPOS	646,391.18	721,580.15	468.04	TP=OFF STA.
B	TPOS	645,899.83	721,951.25	459.58	BS
S	458	646,267.86	721,694.58	463.00	-
S	459	646,006.49	721,890.28	456.72	-
S	460	645,782.77	722,127.92	448.52	-
F	TPOS	645,676.91	722,250.09	439.09	TP=OFF STA.
B	TPOS	645,469.39	722,601.41	394.71	BS
S	461	645,599.73	722,399.90	421.35	-
S	462	645,548.92	722,669.18	388.85	-
S	463	645,771.22	722,912.39	392.45	-
S	464	646,002.21	723,145.93	419.76	-
F	TPOS	645,981.50	723,140.11	420.76	TP=OFF STA.
B	TPOS	647,050.54	724,341.00	428.05	BS
S	465	646,221.60	723,391.33	398.30	-
S	466	646,437.95	723,640.01	392.99	-
S	467	646,652.80	723,889.77	389.13	-
S	468	646,876.66	724,130.36	412.49	-
S	469	647,097.55	724,374.44	421.50	-
S	470	647,319.67	724,618.19	416.77	-
S	471	647,540.99	724,862.11	412.28	-
S	472	647,763.21	725,105.25	402.57	-
F	TPOS	647,814.63	725,165.49	396.57	TP=OFF STA.
B	TPOS	648,295.59	724,765.24	409.77	BS
S	473	648,050.73	724,984.63	399.37	-
S	474	648,295.59	724,765.24	403.77	+260'=RDI

CLIENT: CORNELL UNIV.
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AREA: MO.E
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TY ID	X(EASTING)	Y(NORTHING)	Z(ELEV.)	COMMENT:
F RDI	648,495.00	724,600.00	419.10	TP=RDI
T TIE 2	648,495.00	724,600.00	419.10	TP=RDI
TD DIFF:	0.00	0.00	0.00	TP=RDI

CG

BEGINNING FILE: M01D-1
CLIENT: CORNELL UNIV.
PROSPECT: MO. AREA
SURVEYOR: MICHAEL LEE
PAGE: 1

AREA: MO.E
LINE: M01D
DATE: 12-04-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
N	TKD 3	648,495.00	724,600.00	419.10	
B	RDI	648,703.67	724,833.34	437.60	BS=RDI
S	475	648,559.39	724,656.97	423.63	-
S	476	648,780.02	724,900.52	422.71	-
S	477	649,006.23	725,139.86	409.00	-
S	478	649,234.75	725,363.96	388.61	-
F	TPOS	649,270.22	725,427.04	386.95	TP=OFF STA.
B	TPOS	649,637.24	725,781.78	394.75	BS
S	479	649,432.01	725,621.88	384.57	-
S	480	649,671.58	725,828.13	387.56	-
F	481	649,765.74	726,143.38	383.63	-
S	482	649,939.43	726,420.91	392.61	-
S	483	650,168.36	726,657.32	410.54	-
S	484	650,395.72	726,895.54	423.96	-
F	TPOS	650,496.69	727,008.54	424.32	TP=OFF STA.
B	TPOS	650,988.32	727,387.21	432.87	BS
S	485	650,624.15	727,130.18	419.88	-
S	486	650,891.01	727,315.66	421.43	-
S	487	651,214.70	727,297.05	429.85	-
S	488	651,527.19	727,192.78	423.39	-
S	489	651,834.46	727,079.00	455.46	-
S	490	652,145.13	726,971.05	473.31	-
S	491	652,455.26	726,860.29	481.37	-
F	TPOS	652,578.84	726,831.56	484.90	TP=OFF STA.
B	TPOS	653,925.43	726,344.52	535.95	BS
S	492	652,764.36	726,749.85	488.72	-
F	493	653,075.07	726,639.76	484.67	-
S	494	653,383.86	726,527.56	505.98	-
S	495	653,692.72	726,414.38	526.04	-
S	496	653,994.60	726,287.73	530.86	-
S	497	654,271.59	726,111.49	531.37	-
F	TPOS	654,233.41	726,145.81	530.79	TP=OFF STA.
B	TPOS	655,162.21	725,330.12	536.24	BS
S	498	654,514.59	725,889.83	516.48	-
S	499	654,761.31	725,672.40	500.27	-
S	500	655,009.30	725,457.57	517.06	-
S	501	655,253.57	725,238.07	522.88	-
S	502	655,503.64	725,024.03	536.21	-
F	TPOS	655,713.86	724,848.20	547.32	TP=OFF STA.
B	TPOS	656,458.86	725,912.58	543.76	BS
S	503	655,773.13	724,919.69	548.67	-
S	504	655,931.45	725,207.64	545.44	-
S	505	656,094.89	725,493.47	540.03	-
S	506	656,251.96	725,782.17	525.06	-
S	507	656,529.85	725,914.95	534.79	-
S	508	656,850.95	725,982.50	515.61	-
F	TPOS	656,983.11	726,007.08	528.41	TP=OFF STA.
B	TPOS	657,489.74	726,487.94	531.42	BS
S	509	657,127.80	726,152.48	522.64	-
S	510	657,363.51	726,381.87	528.30	-

CLIENT: CORNELL UNIV.
PROSPECT: MO. AREA
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AREA: MO.E
LINE: MO1D
DATE: 12-04-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	511	657,623.44	726,584.56	522.35	-
S	512	657,883.77	726,786.39	516.75	-
S	513	658,146.32	726,985.76	526.80	-
S	514	658,408.28	727,185.57	534.52	-
F	TPOS	658,558.52	727,310.57	539.07	TP=OFF STA.
B	TPOS	659,790.48	727,731.13	567.19	BS
S	515	658,705.65	727,297.46	540.71	-
S	516	659,032.21	727,257.92	539.11	-
S	517	659,359.70	727,220.07	538.18	-
S	518	659,685.65	727,179.57	544.15	FM +20'=RDI
M	RDI	659,706.76	727,189.81	545.04	=RDI (HWY. 61)
C	519	659,762.71	727,498.03	550.23	-
S	520	659,793.82	727,824.13	568.99	-
S	521	659,757.60	728,151.90	587.58	+220'=RDI
F	RDI	659,685.00	728,355.00	592.00	TP=RDI (592)
T	TIE 4	659,685.00	728,355.00	592.00	TP=RDI (592)
TD	DIFF:	0.00	0.00	0.00	TP=RDI (592)



BEGINNING FILE: MO1E-1
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 PROSPECT: MO. AREA
 SURVEYOR: MICHAEL LEE
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AREA: MO.E
 LINE: MO1E
 DATE: 12-05-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
N	TKD 5	659,685.00	728,355.00	592.00	
B	RDI	659,979.44	728,324.92	594.39	BS=RDI (592)
S	522	659,840.69	728,367.97	590.94	-
S	523	660,144.52	728,241.21	587.29	-
S	524	660,454.65	728,128.32	585.36	-
S	525	660,765.59	728,019.02	586.12	-
F	TPOS	660,805.80	728,002.66	587.46	TP=OFF STA.
B	TPOS	662,966.49	727,639.73	601.56	BS
S	526	661,083.98	727,936.95	587.51	-
S	527	661,409.81	727,885.96	586.31	-
S	528	661,734.82	727,836.75	585.20	-
S	529	662,060.98	727,789.04	586.86	-
S	530	662,385.02	727,727.72	589.00	-
S	531	662,701.20	727,639.76	593.04	+210'=RDI
M	RDI	662,915.54	727,583.35	596.89	=RDI (596)
S	532	663,001.70	727,668.59	593.18	-
S	533	663,223.24	727,911.21	566.63	-
S	534	663,450.27	728,150.22	564.93	-
S	535	663,681.21	728,385.18	573.31	-
S	536	663,904.93	728,626.92	580.03	-
S	537	664,130.11	728,867.59	576.77	-
S	538	664,353.90	729,109.30	574.89	-
S	539	664,574.39	729,353.97	585.66	-
S	540	664,801.93	729,591.62	603.00	-
S	541	665,029.19	729,828.19	635.43	+100'=RDI
M	RDI	665,069.60	729,889.13	636.70	=RDI (638)
S	542	665,252.28	730,068.65	622.82	-
F	TPOS	665,133.69	729,932.94	634.43	TP=OFF STA.
B	TPOS	665,851.06	732,840.52	479.81	BS
S	543	665,404.94	730,343.06	573.41	-
S	544	665,448.25	730,668.36	539.07	-
S	545	665,513.54	730,989.40	508.76	-
S	546	665,575.87	731,311.11	475.54	-
S	547	665,637.72	731,634.39	456.16	-
S	548	665,700.25	731,957.75	443.26	-
S	549	665,761.70	732,281.64	441.74	-
S	550	665,817.52	732,606.41	449.98	+240'=RDI
M	RDI	665,831.21	732,842.90	474.45	=RDI (475)
S	551	665,957.70	732,838.22	476.31	-
S	552	666,286.81	732,852.20	489.34	-
S	553	666,614.96	732,838.03	508.15	-
F	TPOS	666,658.84	732,822.99	507.91	TP=OFF STA.
B	TPOS	667,539.49	732,841.26	537.38	BS
S	554	666,942.61	732,824.32	513.61	-
S	555	667,271.97	732,833.32	515.77	-
S	556	667,600.96	732,825.07	533.21	-
S	557	667,928.89	732,849.21	551.27	+50'=RDI
F	RDI	667,990.00	732,870.00	550.00	TP=RDI (550)
T	TIE 6	667,990.00	732,870.00	550.00	TP=RDI (550)
TD	DIFF:	0.00	0.00	0.00	TP=RDI (550)

BEGINNING FILE: MO1F-1
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 PROSPECT: MO. AREA
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AREA: MO.E
 LINE: MO1F
 DATE: 12-05-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
N	TKD 7	667,990.00	732,870.00	550.00	
B	RDI	667,539.12	732,839.18	537.41	BS=RDI (550)
S	558	668,168.68	733,056.36	557.30	-
S	559	668,186.69	733,382.56	562.53	-
F	TP05	668,171.10	733,222.70	570.25	TP=OFF STA.
B	TP05	668,205.83	733,577.54	558.04	BS
S	560	668,356.13	733,579.39	544.59	-
S	561	668,683.07	733,570.73	520.85	-
F	TP05	668,863.54	733,580.52	519.45	TP=OFF STA.
B	TP05	669,148.44	733,670.36	534.63	BS
S	562	669,009.01	733,606.48	522.28	-
S	563	669,273.53	733,781.94	539.76	-
F	TP05	669,415.54	733,917.62	547.32	TP=OFF STA.
I	TP05	670,746.59	733,872.24	550.91	BS
S	564	669,542.03	733,966.74	550.52	-
S	565	669,865.98	733,989.25	537.49	-
S	566	670,194.42	733,961.11	526.18	-
S	567	670,522.98	733,937.93	534.34	-
S	568	670,836.69	733,860.78	541.37	-
S	569	671,164.51	733,893.71	541.37	-
S	570	671,491.94	733,929.66	540.40	-
S	571	671,820.21	733,958.36	544.89	-
S	572	672,136.34	734,043.90	556.45	-
F	TP05	672,178.83	734,089.11	556.43	TP=OFF STA.
B	TP05	673,032.43	734,448.87	549.37	BS
S	573	672,426.37	734,195.52	546.67	-
S	574	672,732.20	734,316.69	537.38	-
S	575	673,032.43	734,448.87	544.37	=INST. LOC.
S	576	673,356.66	734,504.42	538.61	-
S	577	673,608.85	734,299.40	539.60	-
S	578	673,831.98	734,087.62	541.66	-
F	TP05	673,914.69	734,116.62	549.74	TP=OFF STA.
B	TP05	674,983.99	734,011.68	557.24	BS
S	579	674,159.50	734,087.27	539.20	-
S	580	674,481.72	734,128.38	539.00	-
S	581	674,793.64	734,042.15	547.87	-
S	582	675,117.70	733,993.15	550.25	-
F	TP05	675,354.84	734,048.89	546.32	TP=OFF STA.
B	TP05	675,759.89	733,751.06	522.25	BS
S	583	675,433.24	734,003.23	542.44	-
S	584	675,688.06	733,796.14	523.30	-
S	585	675,990.06	733,671.39	505.96	-
S	586	676,306.20	733,578.69	500.29	-
F	TP05	676,355.62	733,556.22	499.81	TP=OFF STA.
B	TP05	677,200.35	732,237.73	384.95	BS
S	587	676,473.88	733,320.74	474.08	-
S	588	676,746.71	733,147.68	439.74	-
S	589	677,011.42	733,051.35	406.27	-
S	590	677,010.11	732,723.36	395.23	-
S	591	677,089.44	732,410.94	381.63	+205'=RDI

CLIENT: CORNELL UNIV.
PROSPECT: MO. AREA
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AREA: MO.E
LINE: MO1F
DATE: 12-05-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	592	677,332.11	732,249.54	378.53	+300' =RDI
S	593	677,653.55	732,313.43	381.61	-
S	594	677,904.23	732,518.63	379.50	-
S	595	678,205.01	732,651.54	377.97	-
S	596	678,496.26	732,805.25	379.46	+305' =RDI
F	TPOS	678,820.88	732,949.06	388.75	TP=OFF STA.
B	TPOS	678,576.25	734,903.12	375.55	BS
S	597	678,752.20	733,008.50	388.93	-
S	598	678,911.41	733,289.39	374.34	-
S	599	678,860.95	733,614.21	373.38	-
S	600	678,789.77	733,936.44	372.41	-
S	601	678,718.59	734,258.67	372.03	-
S	602	678,647.42	734,580.89	370.92	-
S	603	(678,576.25)	(734,903.12)	370.55	=INST. LOC.
S	604	678,504.41	735,225.05	374.91	-
S	605	(678,433.99)	(735,546.86)	373.37	=TK (PLATES)
F	RR	678,480.00	735,285.00	377.00	TP=RR TRACKS (377)
T	TIE B	678,480.00	735,285.00	377.00	TP=RR TRACKS (377)
TD	DIFF:	0.00	0.00	0.00	TP=RR TRACKS (377)

CC

BEGINNING FILE: MO16-1
CLIENT: CORNELL UNIV.
PROSPECT: MD. AREA
SURVEYOR: MICHAEL LEE
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AREA: MO.E
LINE: MO16
DATE: 12-07-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
N	TKD 9	678,433.99	735,546.86	373.37	
B	ST 603	678,433.99	735,546.86	378.72	BS
S	606	678,362.34	735,868.98	373.04	-
S	607	678,292.60	736,191.42	373.65	-
S	608	678,226.46	736,514.58	374.09	-
S	609	678,259.55	736,838.83	372.63	-
S	610	678,418.51	737,127.02	372.74	-
S	611	678,588.26	737,409.88	372.55	-
S	612	678,757.56	737,692.99	371.24	+105' =HWY.H
S	613	678,922.33	737,978.73	370.34	-
S	614	679,093.63	738,260.76	369.81	-
S	615	679,264.20	738,542.70	370.51	-
S	616	679,435.98	738,823.90	369.18	-
S	617	679,598.84	739,110.84	367.71	-
S	618	679,728.90	739,413.64	367.24	-
S	619	679,855.87	739,718.04	368.32	-
S	620	679,988.63	740,019.97	368.67	-
S	621	680,126.35	740,319.54	368.91	-
S	622	680,266.31	740,617.97	370.01	-
S	623	680,404.76	740,917.16	368.69	-
S	624	680,539.60	741,218.11	369.11	-
S	625	680,641.33	741,531.74	369.18	-
S	626	680,731.17	741,849.19	368.81	-
S	627	680,820.61	742,166.29	369.11	+260' =RDI
S	628	680,980.67	742,407.61	370.71	-
S	629	681,310.24	742,392.26	370.19	-
S	630	681,639.47	742,379.92	369.15	-
S	631	681,968.86	742,369.16	369.18	-
S	632	682,298.28	742,356.62	369.40	-
S	633	682,628.00	742,345.43	370.64	-
S	634	682,957.69	742,335.14	367.58	-
S	635	683,287.04	742,323.31	369.92	-
S	636	683,368.52	742,630.58	368.03	-
S	637	683,380.51	742,959.97	367.58	-
F	TP05	685,152.22	744,684.59	366.95	TP=OFF STA.
B	ST 605	685,152.22	744,684.59	372.35	BS
S	638	683,402.28	743,294.42	368.63	-
S	639	683,416.53	743,623.84	366.66	-
S	640	683,429.87	743,953.23	367.90	-
S	641	683,444.67	744,282.55	368.64	-
S	642	683,486.58	744,603.05	367.88	-
S	643	683,786.41	744,696.55	368.25	-
S	644	684,115.68	744,684.16	368.45	-
S	645	684,445.17	744,684.83	371.30	-
S	646	684,774.78	744,684.31	368.80	-
S	647	685,103.10	744,702.49	366.99	=RDI
S	648	685,320.67	744,950.42	365.34	-
S	649	685,565.96	745,169.93	365.61	-
S	650	685,854.51	745,326.15	366.12	-
S	651	686,173.54	745,407.68	366.83	-

CLIENT: CORNELL UNIV.
 PROSPECT: MO. AREA
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AREA: MO.E
 LINE: MO1G
 DATE: 12-07-1987

TY	ID	X (EASTING)	Y (NORTHING)	Z (ELEV.)	COMMENT:
S	652	686,482.51	745,519.26	365.27	-
S	653	686,745.64	745,716.48	367.84	-
S	654	686,722.50	746,013.08	366.10	-
F	ST 654	686,723.53	746,014.17	366.10	TP
B	TPDS	686,723.53	746,014.17	371.40	BS
S	655	686,924.64	746,275.56	366.58	-
S	656	687,125.76	746,536.96	366.80	-
S	657	687,326.88	746,798.36	366.02	-
S	658	687,528.00	747,059.75	366.56	-
S	659	687,729.12	747,321.15	367.41	-
S	660	687,930.24	747,582.54	369.78	-
S	661	688,131.36	747,843.94	367.33	-
S	662	688,332.48	748,105.34	366.28	-
S	663	688,533.60	748,366.74	366.64	-
S	664	688,734.72	748,628.14	366.96	-
S	665	688,935.84	748,889.53	367.93	-
S	666	689,136.96	749,150.93	368.38	-
S	667	689,338.07	749,412.33	368.68	-
S	668	689,539.19	749,673.73	367.46	-
S	669	689,740.31	749,935.12	368.53	-
S	670	689,941.43	750,196.52	370.44	+150'=HWY.51
M	HWY.	690,002.48	750,295.20	373.85	=HWY.51
S	671	690,142.55	750,457.91	372.26	-
S	672	690,343.67	750,719.31	373.33	-
S	673	690,544.79	750,980.71	373.67	=EOL (MO-1)
F	RDI	689,730.00	751,270.00	385.00	TP=RDI (385)
T	TIE 10	689,730.00	751,270.00	385.00	TP=RDI (385)
F	DIFF:	0.00	0.00	0.00	TP=RDI (385)