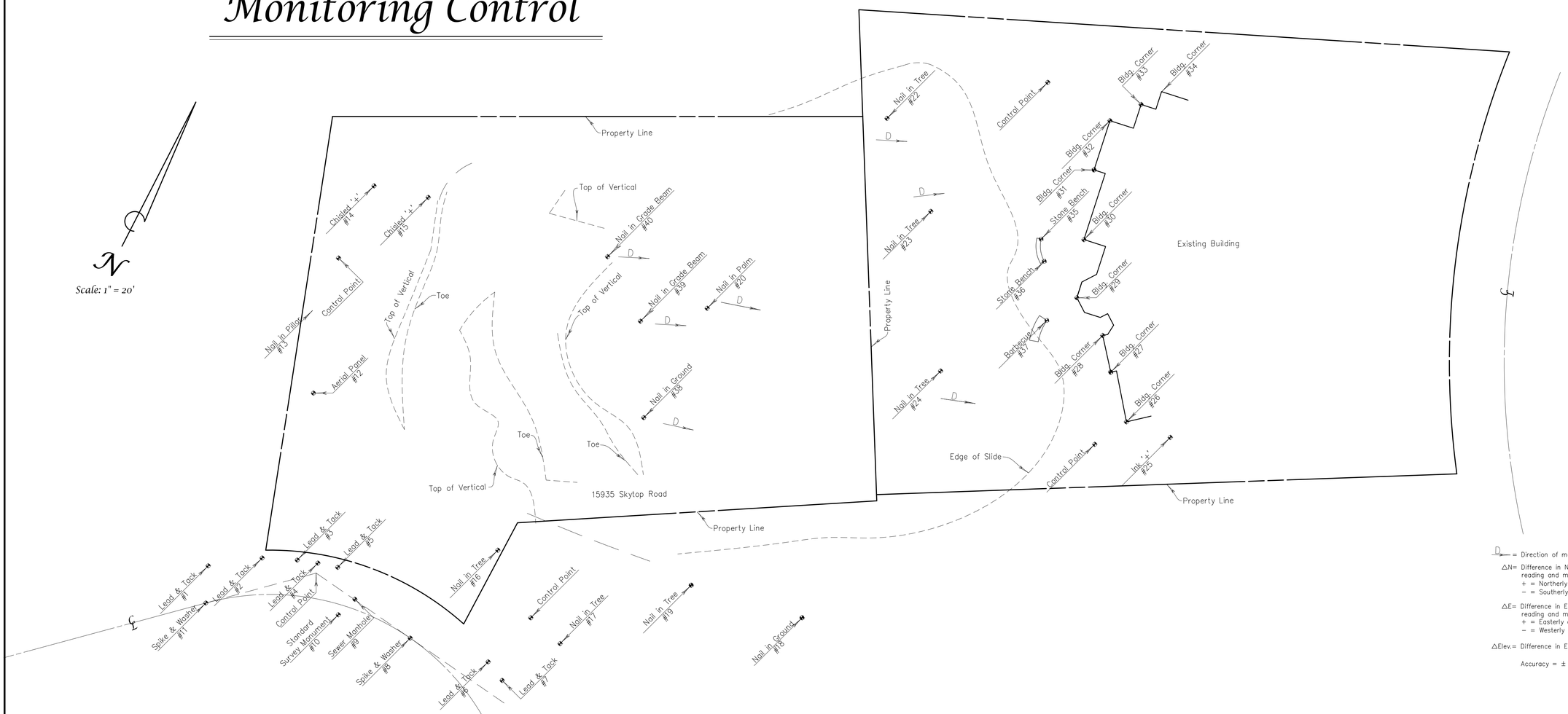
Monitoring Control



D = Direction of movement (D=Down)

ΔN= Difference in Northing between first reading and most recent reading.
+ = Northerly direction
− = Southerly direction

ΔE= Difference in Easting between first reading and most recent reading.
+ = Easterly direction
− = Westerly direction

ΔElev.= Difference in Elevation between first

Accuracy = ± 0.01'

	3/17/2008			3/19/2008			3/27/2008			4/7/2008		
	N	E	Elevation	N	E	Elevation	N	E	Elevation	N	E	Elevation
1	983.63	961.88	981.67	983.63	961.88	981.67	-	-	-	983.63	961.88	981.67
2	995.73	978.93	980.00	995.74	978.93	980.00	-	-	-	995.73	978.93	980.00
3	1001.16	991.27	978.62	1001.16	991.28	978.62	-	-	-	1001.16	991.28	978.61
4	1003.73	998.85	978.59	1003.72	998.84	978.58	-	-	-	1003.73	998.85	978.58
5	1005.75	1006.35	978.04	1005.75	1006.36	978.04	-	-	-	1005.76	1006.35	978.04
6	999.77	1074.22	973.78	999.76	1074.21	973.78	-	-	-	999.77	1074.22	973.78
7	995.86	1082.23	973.99	995.86	1082.23	973.99	-	-	-	995.86	1082.22	973.99
8	994.25	1043.47	975.30	994.25	1043.47	975.30	-	-	-	994.25	1043.47	975.30
9	-	-	977.00	-	-	977.00	-	-	-	-	-	977.00
10	989.65	1014.85	976.44	989.66	1014.85	976.45	-	-	-	989.64	1014.87	976.44
11	970.50	967.56	981.49	970.51	967.56	981.48	-	-	-	970.52	967.57	981.49
12	1061.01	967.59	979.70	1061.01	967.59	979.72	-	-	-	1061.01	967.57	979.72
13	1089.05	952.85	980.82	1089.09	952.83	980.83	-	-	-	1089.05	952.85	980.83
14	1142.38	952.05	980.03	1142.39	952.05	980.04	-	-	-	1142.38	952.05	980.02
15	1147.92	972.55	979.99	1147.92	972.55	979.97	-	-	-	1147.89	972.55	979.97
16	1039.50	1057.99	979.01	1039.58	1058.00	979.01	1039.60	1058.00	979.01	1039.60	1058.00	979.00
17	1018.56	1095.59	975.28	1018.58	1095.58	975.28	1018.57	1095.58	975.28	1018.58	1095.59	975.28
18	1069.65	1173.63	934.06	1069.66	1173.63	934.04	1069.64	1173.66	934.04	1069.60	1173.65	934.04
19	1061.41	1130.10	941.36	1061.43	1130.10	941.35	1061.43	1130.10	941.37	1061.41	1130.10	941.37
20	1159.79	1087.15	978.99	1158.83	1087.31	978.94	1159.00	1087.89	978.81	1159.13	1088.49	978.64
21	1148.26	1077.40	972.51	1148.29	1077.53	972.47	1148.48	1078.11	972.34	removed		
22	1255.07	1115.31	930.84	1255.10	1115.32	930.83	1255.12	1115.38	930.80	1255.14	1115.46	930.79
23	1230.96	1146.54	933.57	1231.02	1146.63	933.57	1231.29	1147.02	933.54	1231.55	1147.48	933.56
24	1178.14	1177.76	934.30	1178.19	1177.89	934.26	1178.38	1178.39	934.12	1178.65	1178.96	933.98
25	1195.60	1267.76	909.49	1195.60	1267.76	909.50	1195.61	1267.77	909.48	1195.59	1267.75	909.49
26	1193.26	1250.08	910.5	1193.27	1250.09	910.5	1193.25	1250.07	910.5	1193.27	1250.10	910.5
27	1207.48	1236.03	910.7	1207.49	1236.03	910.7	1207.49	1236.01	910.8	1207.49	1236.02	910.7
28	1218.60	1226.88	911.0	1218.61	1226.87	910.9	1218.62	1226.87	910.9	1218.61	1226.87	911.0
29	1226.97	1211.47	911.76	1227.01	1211.44	911.75	1226.99	1211.45	911.75	1226.99	1211.47	911.75
30	1248.09	1203.69	-	1248.06	1203.71	-	1248.06	1203.69	-	1248.08	1203.69	-
31	1273.65	1194.96	911.2	1273.64	1194.97	911.2	1273.64	1194.97	911.2	1273.65	1194.95	911.2
32	1293.23	1191.78	911.1	1293.23	1191.73	911.1	1293.23	1191.79	911.1	1293.23	1191.79	911.1
33	1304.22	1199.59	911.0	1304.22	1199.58	911.0	1304.22	1199.56	911.0	1304.22	1199.58	911.0
34	1312.17	1204.32	910.7	1312.22	1204.41	910.7	1312.18	1204.33	910.7	1312.18	1204.33	910.7
35	1240.78	1189.00	913.2	1240.77	1188.99	913.2	1240.78	1189.00	913.2	1240.77	1189.00	913.2
36	1233.73	1193.97	913.2	1233.72	1193.96	913.2	1233.74	1193.95	913.2	1233.73	1193.97	913.2
37	1213.98	1205.18	914.6	1213.95	1205.15	914.7	1213.98	1205.18	914.6	1213.97	1205.18	914.7
38	-	-	-	-	-	-	-	-	-	-	-	-
39	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-

	4/15/2008			4/23/2008			5/5/2008			5/20/2008		
	N	E	Elevation	N	E	Elevation	N	E	Elevation	N	E	Elevation
1	983.63	961.88	981.67	983.64	961.90	981.68	983.64	961.88	981.67	983.64	961.88	981.67
2	995.74	978.93	980.00	995.74	978.92	980.00	995.74	978.92	980.00	995.74	978.92	980.00
3	1001.16	991.27	978.62	1001.16	991.27	978.62	1001.16	991.27	978.62	1001.16	991.27	978.62
4	1003.72	998.85	978.59	1003.72	998.85	978.59	1003.72	998.85	978.59	1003.72	998.85	978.59
5	1005.75	1006.35	978.04	1005.75	1006.35	978.04	1005.75	1006.35	978.04	1005.75	1006.35	978.04
6	999.76	1074.21	973.78	999.77	1074.20	973.78	999.75	1074.21	973.78	999.76	1074.21	973.78
7	995.86	1082.22	973.99	995.86	1082.22	973.99	995.86	1082.22	973.99	995.86	1082.22	973.99
8	994.25	1043.46	975.31	994.25	1043.46	975.31	994.25	1043.47	975.30	994.25	1043.47	975.30
9	-	-	977.00	-	-	977.00	-	-	977.00	-	-	977.00
10	989.65	1014.85	976.44	989.65	1014.85	976.44	989.65	1014.85	976.44	989.65	1014.85	976.44
11	970.52	967.57	981.49	970.50	967.56	981.49	970.51	967.55	981.48	970.51	967.56	981.48
12	1061.00	967.59	979.72	1061.01	967.58	979.72	1061.01	967.59	979.72	1061.01	967.58	979.71
13	1089.06	952.84	980.82	1089.04	952.85	980.82	1089.04	952.85	980.82	1089.04	952.85	980.82
14	1142.35	952.06	980.04	1142.37	952.03	980.04	1142.37	952.08	980.03	1142.36	952.06	980.02
15	1147.87	972.57	979.97	1147.89	972.54	979.97	1147.89	972.57	979.96	1147.89	972.56	979.95
16	1039.60	1058.00	979.01	1039.60	1058.01	979.00	1039.60	1058.01	979.02	1039.58	1058.05	979.02
17	1018.56	1095.60	975.27	1018.56	1095.59	975.27	1018.56	1095.60	975.26	1018.55	1095.60	975.26
18	1069.61	1173.64	934.05	1069.60	1173.66	934.03	1069.62	1173.66	934.03	1069.62	1173.66	934.03
19	1061.39	1130.07	941.35	1061.40	1130.12	941.35	1061.38	1130.12	941.34	1061.40	1130.10	941.38
20	1159.21	1088.75	978.56	1159.28	1088.99	978.48	1159.37	1089.39	978.41	1159.47	1089.72	978.33
21	-	-	-	-	-	-	-	-	-	-	-	-
22	1255.16	1115.48	930.77	1255.19	1115.51	930.77	1255.21	1115.52	930.74	1255.19	1115.61	930.72
23	1231.73	1147.67	933.55	1231.88	1147.87	933.55	1232.07	1148.09	933.54	1232.27	1148.47	933.55
24	1178.72	1179.17	933.92	1178.72	1179.38	933.85	1178.79	1179.68	933.77	1178.88	1180.06	933.70
25	1195.58	1267.75	909.49	1195.59	1267.76	909.49	1195.59	1267.76	909.49	1195.59	1267.76	909.50
26	1193.26	1250.07	910.54	1193.26	1250.08	910.53	1193.26	1250.08	910.53	1193.26	1250.08	910.53
27	1207.48	1236.02	910.71	1207.48	1236.03	910.73	1207.48	1236.03	910.73	1207.48	1236.03	910.73
28	1218.59	1226.89	910.98	1218.60	1226.88	911.00	1218.60	1226.88	911.00	1218.60	1226.88	911.00
29	1226.97	1211.47	911.76	1226.98	1211.48	911.77	1226.98	1211.48	911.77	1226.98	1211.48	911.77
30	1248.09	1203.70	-	1248.09	1203.69	-	1248.09	1203.69	-	1248.09	1203.69	-
31	1273.63	1194.98	911.20	1273.64	1194.96	911.16	1273.64	1194.96	911.17	1273.64	1194.96	911.17
32	1293.23	1191.78	911.10	1293.23	1191.78	911.13	1293.23	1191.78	911.13	1293.23	1191.78	911.13
33	1304.22	1199.57	911.01	1304.22	1199.60	910.99	1304.22	1199.60	910.99	1304.22	1199.60	910.99
34	1312.17	1204.34	910.73	1312.17	1204.32	910.73	1312.17	1204.32	910.73	1312.17	1204.32	910.71
35	1240.79	1188.98	913.16	1240.77	1188.98	913.20	1240.77	1188.98	913.20	1240.77	1188.98	913.20
36	1233.73	1193.96	913.21	1233.72	1193.96	913.21	1233.72	1193.96	913.21	1233.71	1193.97	913.21
37	1213.98	1205.18	914.62	1213.98	1205.18	914.62	1213.98	1205.18	914.62	1213.98	1205.18	914.62
38	1110.35	1084.62	970.82	1110.45	1084.90	970.76	1110.24	1085.30	970.67	1110.63	1085.66	970.58
39	1142.72	1066.63	971.75	1142.84	1066.90	971.68	1142.90	1067.28	971.60	1143.01	1067.65	971.52
40	1158.98	1044.14	971.11	1159.12	1044.38	971.00	1159.29	1044.75	970.87	1159.42	1045.04	970.75

	7/8/2008			7/29/2008			8/14/2008			8/28/2008			ΔN	ΔE	ΔElev.
	N	E	Elevation	N	E	Elevation	N	E	Elevation	N	E	Elevation			
1	983.64	961.88	981.67	983.64	961.88	981.67	983.64	961.88	981.67	983.64	961.88	981.67	0.01	0.00	0.00
2	995.75	978.93	979.99	995.75	978.93	979.99	995.75	978.93	979.99	995.75	978.93	979.99	0.01	0.00	-0.01
3	1001.16	991.27	978.62	1001.16	991.27	978.62	1001.16	991.27	978.62	1001.16	991.27	978.62	0.00	0.00	0.00
4	1003.72	998.85	978.59	1003.72	998.85	978.59	1003.72	998.85	978.59	1003.72	998.85	978.59	-0.01	0.00	0.00
5	1005.75	1006.35	978.03	1005.75	1006.35	978.03	1005.75	1006.35	978.03	1005.75	1006.36	978.03	0.00	0.01	-0.01
6	999.77	1074.20	973.78	999.77	1074.20	973.78	999.77	1074.20	973.78	999.77	1074.20	973.78	0.00	-0.01	0.00
7	995.86	1082.22	973.99	995.86	1082.22	973.99	995.86	1082.22	973.99	995.86	1082.22	973.99	0.00	-0.01	0.00
8	994.25	1043.45	975.30	994.25	1043.45	975.30	994.25	1043.45	975.30	994.25	1043.45	975.30	0.00	-0.01	0.00
9	-	-	977.00	-	-	977.00	-	-	977.00	-	-	977.00	-	-	0.00
10	989.65	1014.85	976.44	989.65	1014.85	976.44	989.65	1014.85	976.44	989.65	1014.85	976.44	0.00	0.00	0.00
11	970.51	967.56	981.48	970.51	967.56	981.48	970.51	967.56	981.48	970.51	967.56	981.48	0.01	0.00	-0.01
12	1061.00	967.59	979.71	1061.00	967.59	979.71	1061.00	967.59	979.71	1061.00	967.59	979.71	-0.02	0.00	0.01
13	1089.04	952.85	980.82	1089.04	952.85	980.82	1089.04	952.85	980.82	1089.04	952.85	980.82	-0.01	0.00	0.00
14	1142.38	952.06	980.02	1142.38	952.06	980.02	1142.38	952.07	980.03	1142.38	952.05	980.03	-0.02	0.00	0.00
15	1147.89	972.56	979.94	1147.87	972.59	979.92	1147.89	972.56	979.91	1147.89	972.56	979.92	-0.03	0.02	-0.07
16	1039.54	1058.10	979.02	1039.58	1058.03	979.00	1039.54	1058.04	979.02	1039.55	1058.08	979.04	-0.04	0.09	0.03
17	1018.55	1095.61	975.28	1018.55	1095.60	975.26	1018.54	1095.61	975.28	1018.54	1095.62	975.28	-0.02	0.03	0.00
18	1069.56	1173.67	934.05	1069.56	1173.67	934.05	1069.56	1173.67	934.05	1069.56	1173.67	934.05	-0.09	0.03	-0.01
19	1061.35	1130.10	941.35	1061.37	1130.15	941.35	1061.37	1130.12	941.35	1061.37	1130.12	941.35	-0.04	0.01	-0.01
20	1159.74	1090.66	978.13	1159.81	1091.01	977.99	1159.98	1091.22	978.13	1159.92	1091.45	978.13	1.13	4.31	-0.86
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	1255.22	1115.74	930.70	-	-	-	1255.28	1115.80	930.69	1255.29	1115.80	930.69	0.22	0.50	-0.15
23	1232.84	1149.25	933.57	-	-	-	1233.21	1149.71	933.60	1233.33	1149.85	933.61	2.37	3.32	0.04
24	1179.07	1180.80	933.52	-	-	-	1179.42	1181.27	933.36	1179.46	1181.42	933.48	1.32	3.66	-0.82
25	1195.59	1267.76	909.50	-	-	-	1195.59	1267.76	909.50	1195.59	1267.76	909.50	-0.01	0.00	0.01
26	1193.26	1250.08	910.53	-	-	-	1193.26	1250.08	910.53	1193.26	1250.08	910.53	0.00	0.00	0.00
27	1207.48	1236.03	910.73	-	-	-	1207.48	1236.03	910.73	1207.48	1236.03	910.73	0.00	0.00	0.00
28	1218.60	1226.88	910.99	-	-	-	1218.60	1226.88	910.99	1218.60	1226.88	910.99	0.00	-0.01	0.02
29	1226.98	1211.48	911.77	-	-	-	1226.98	1211.48	911.77	1226.98	1211.48	911.77	0.00	0.01	0.01
30	1248.09	1203.69	-	-	-	-	1248.09	1203.69	-	1248.09	1203.69	-	0.00	0.00	-
31	1273.64	1194.95	911.21	-	-	-	1273.64	1194.96	911.21	1273.64	1194.96	911.21	-0.01	0.00	0.01
32	1293.23	1191.78	911.12	-	-	-	1293.23	1191.78	911.12	1293.23	1191.78	911.12	0.00	0.00	0.02
33	1304.22	1199.60	910.99	-	-	-	1304.22	1199.60	910.99	1304.22	1199.60	910.99	0.01	0.01	-0.01
34	1312.17	1204.32	910.71	-	-	-	1312.17	1204.32	910.71	1312.17	1204.32	910.71	0.00	0.00	0.01
35	1240.77	1189.00	913.20	-	-	-	1240.77	1189.00	913.20	1240.77	1189.00	913.20	-0.01	-0.01	0.00
36	1233.71	1193.97	913.21	-	-	-	1233.71	1193.97	913.21	1233.71	1193.97	913.21	-0.02	0.01	0.00
37	1213.99	1205.18	914.62	-	-	-	1213.99	1205.18	914.62	1213.99	1205.18	914.62	0.01	0.00	0.00
38	1110.89	1086.66	970.33	1110.99	1087.00	970.26	1111.07	1087.24	970.33	1111.10	1087.44	970.14	0.75	2.83	-0.68
39	1143.24	1068.62	971.26	1143.32	1068.96	971.22	1143.48	1069.39	971.12	1143.42	1069.39	971.12	0.69	2.76	-0.63
40	1159.78	1045.97	970.45	1159.92	1046.28	970.39	1160.00	1046.50	970.45	1160.06	1046.71	970.27	1.08	2.57	-0.84