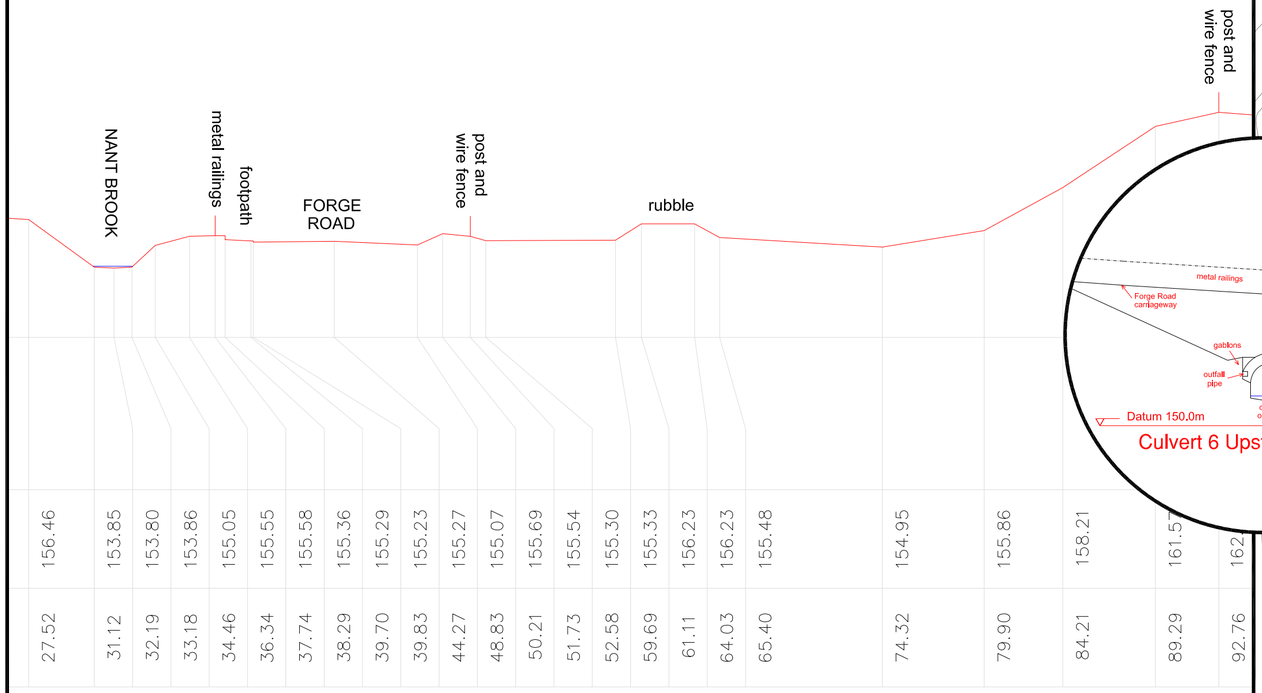
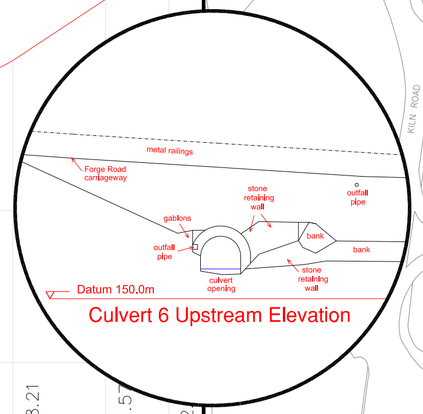
River cross-sections and Long-sections



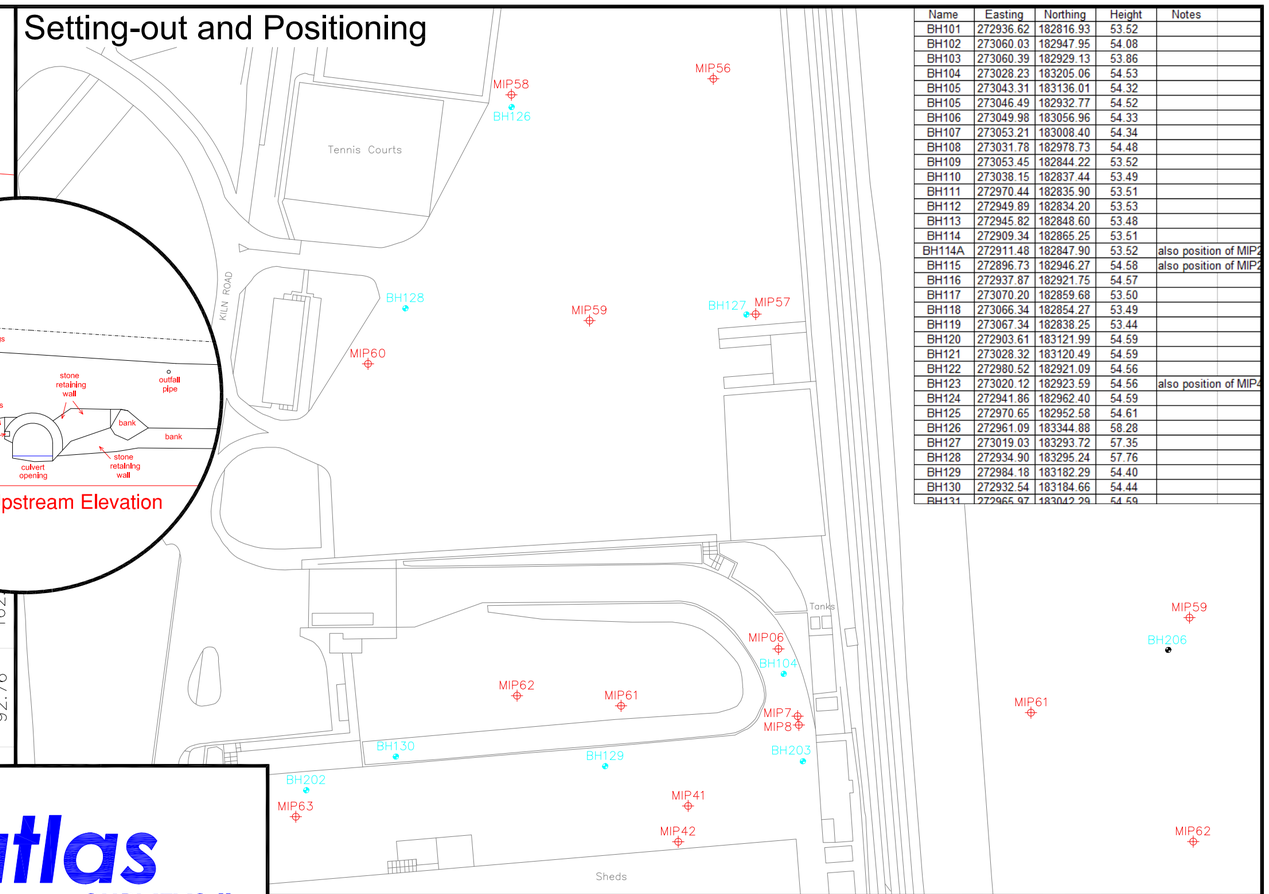
Horizontal Scale 1 : 500
Vertical Scale 1 : 500

SECTION 8



Culvert 6 Upstream Elevation

Setting-out and Positioning



Name	Easting	Northing	Height	Notes
BH101	272936.62	182816.93	53.52	
BH102	273060.03	182947.95	54.08	
BH103	273060.39	182929.13	53.86	
BH104	273028.23	183205.06	54.53	
BH105	273043.31	183136.01	54.32	
BH105	273046.49	182932.77	54.52	
BH106	273049.98	183056.96	54.33	
BH107	273053.21	183008.40	54.34	
BH108	273031.78	182978.73	54.48	
BH109	273053.45	182844.22	53.52	
BH110	273038.15	182837.44	53.49	
BH111	272970.44	182835.90	53.51	
BH112	272949.89	182834.20	53.53	
BH113	272945.82	182848.60	53.48	
BH114	272909.34	182865.25	53.51	
BH114A	272911.48	182847.90	53.52	also position of MIP2
BH115	272896.73	182946.27	54.58	also position of MIP2
BH116	272937.87	182921.75	54.57	
BH117	273070.20	182859.68	53.50	
BH118	273066.34	182854.27	53.49	
BH119	273067.34	182838.25	53.44	
BH120	272903.61	183121.99	54.59	
BH121	273028.32	183120.49	54.59	
BH122	272980.52	182921.09	54.56	
BH123	273020.12	182923.59	54.56	also position of MIP4
BH124	272941.86	182962.40	54.59	
BH125	272970.65	182952.58	54.61	
BH126	272961.09	183344.88	58.28	
BH127	273019.03	183293.72	57.35	
BH128	272934.90	183295.24	57.76	
BH129	272984.18	183182.29	54.40	
BH130	272932.54	183184.66	54.44	
BH131	272966.97	183042.29	54.59	

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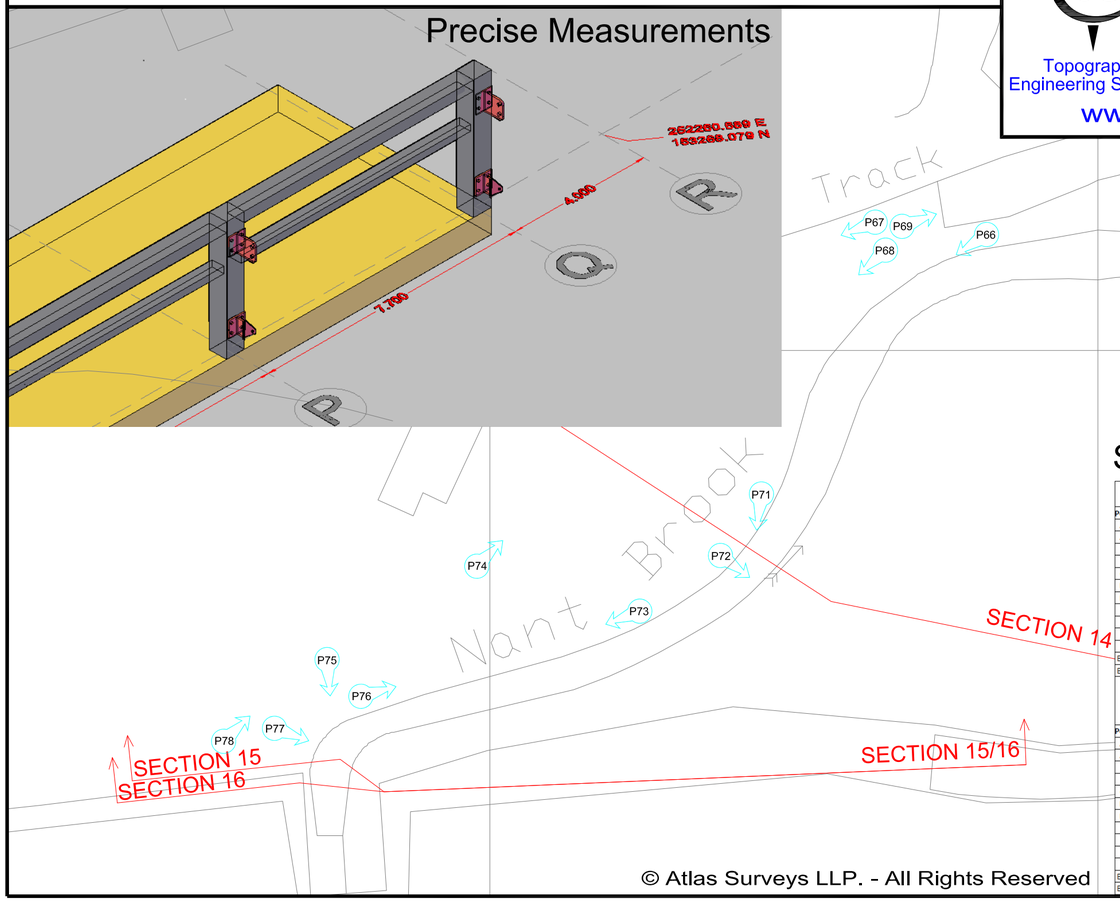
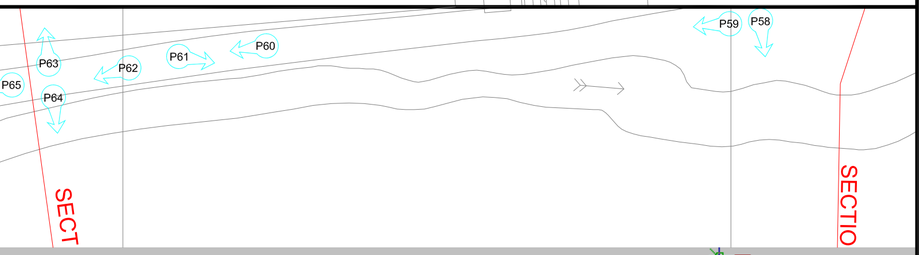
Precise Measurements

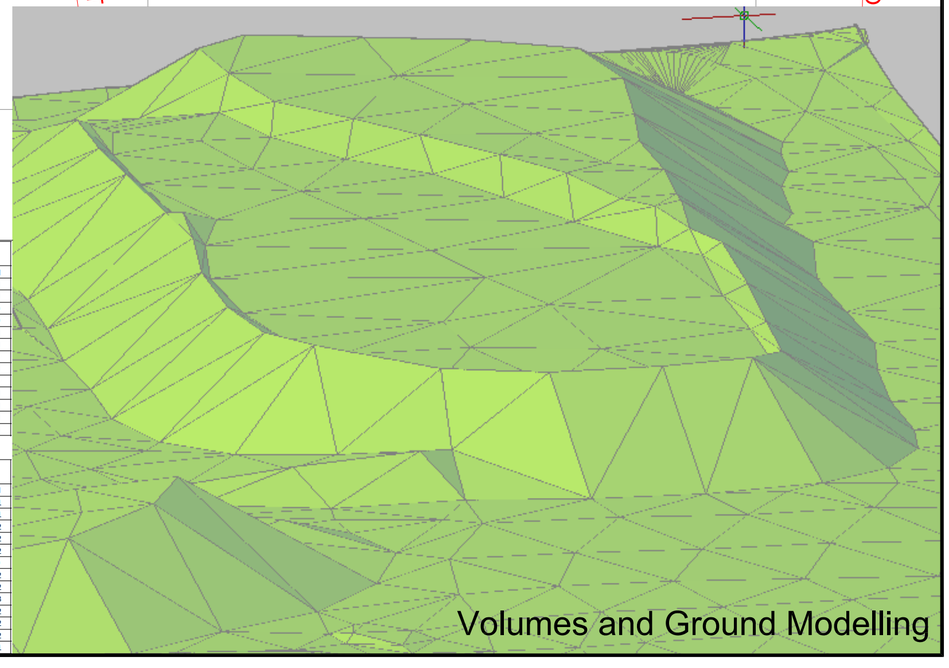




Structural Monitoring

	Results - 24th July 2009 (B)				Diff 24 July (B) Datum			Diff 24 July (B)- 24 July (A)		
	Status- Props lowered by 20mm									
Point	Easting	Northing	Height	Obs	Diff E	Diff N	Diff H	Diff E	Diff N	Diff H
A1	2008.387	5021.400	54.678	6	0.002	0.001	0.000	-0.001	-0.001	0.001
A2	2008.387	5021.431	53.312	6	0.002	0.001	0.001	-0.001	0.000	0.001
B1	2013.189	5021.418	54.689	5	0.003	0.001	-0.001	0.000	-0.001	0.000
B2	2013.179	5021.438	53.291	6	0.001	0.002	-0.001	-0.001	-0.001	0.000
C1	2014.784	5021.429	54.727	6	0.002	0.000	-0.001	0.000	-0.002	0.001
D1	2017.465	5021.429	54.746	6	0.001	0.000	-0.001	-0.001	-0.001	0.001
D2	2017.452	5021.454	53.29	4	0.003	0.002	-0.001	0.000	-0.001	0.002
E1	2021.963	5021.413	54.668	6	0.001	0.001	0.000	-0.001	-0.001	0.001
E2	2021.955	5021.435	53.286	6	0.001	0.002	0.001	-0.001	0.001	0.002
F1	2025.956	5021.403	54.672	5	0.000	0.003	0.001	-0.001	0.000	0.001
F2	2025.944	5021.430	53.305	5	0.001	0.003	0.001	-0.001	0.000	0.001
BG1	2009.204	5024.421	52.701	2	0.001	0.000	0.002	0.002	-0.002	0.001
BG2	2027.797	5024.435	52.572	2	0.001	0.002	0.001	0.000	-0.001	0.001

	Results - 20th August 2009				Diff 20th August - Datum			Diff 20th August- 24 July (B)		
	Status- Prior to balcony infill									
Point	Easting	Northing	Height	Obs	Diff E	Diff N	Diff H	Diff E	Diff N	Diff H
A1	2008.385	5021.399	54.676	6	0.000	0.000	-0.001	-0.002	-0.001	-0.001
A2	2008.385	5021.429	53.310	6	0.000	0.000	-0.001	-0.002	-0.001	-0.001
B1	2013.187	5021.417	54.688	6	0.000	0.000	-0.003	-0.002	-0.001	-0.002
B2	2013.177	5021.437	53.290	6	-0.001	0.000	-0.003	-0.002	-0.001	-0.002
C1	2014.782	5021.428	54.725	6	-0.001	-0.002	-0.003	-0.002	-0.001	-0.002
D1	2017.464	5021.428	54.746	6	0.000	-0.001	-0.001	-0.001	-0.002	0.000
D2	2017.450	5021.453	53.288	6	0.001	0.001	-0.003	-0.002	-0.002	-0.002
E1	2021.962	5021.412	54.666	6	0.000	-0.001	-0.002	-0.001	-0.002	-0.002
E2	2021.954	5021.433	53.283	6	0.000	0.000	-0.002	-0.001	-0.002	-0.003
F1	2025.955	5021.401	54.670	6	-0.001	0.001	-0.001	-0.001	-0.002	-0.002
F2	2025.943	5021.428	53.303	6	0.000	0.001	-0.001	-0.001	-0.002	-0.002
BG1	2009.203	5024.421	52.699	6	0.000	0.000	-0.001	-0.001	0.000	-0.002
BG2	2027.795	5024.434	52.571	6	-0.001	0.000	0.000	-0.002	-0.001	-0.001



Volumes and Ground Modelling

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