

## Appendix 1: Dimensions of excavation trenches at London Bridge Station

*Table 1: Dimensions of trenches (It should be noted that the variable depth of excavation is indicative of the depth at which augering commenced, i.e. the top of alluvium)*

Trench	Location	N-S (m)	E-W (m)	Depth (m)	Height at top (m OD)	Excavation below project depth (m)	Depth of window sample (m OD)	Assessment area	Site code
ST1a	W1015	4	2	2.36	4.67	2.29	0.11	TAA9	BVC
ST2	W1014	5	3	2.19	4.62	n/a	n/a	TAA9	BVC
ST4	W1012	5	3	2.46	4.44	0.88	1.10	TAA9	BVC
ST5	W1011	5	3	2.31	4.30	n/a	n/a	TAA9	BVC
ST6	W1010	5	3	2.70	4.20	1.00	0.50	TAA9	BVC
A1	E39	5	3	3.11	4.11	2.10	-1.14	TAA10	BVM
A2	E39	3	5	3.85	4.20	3	-2.65	TAA10	BVM
A3	E39	5	3	3.92	4.22	3.10	-2.80	TAA10	BVM
A5	E98	3	2	5.12	4.22	n/a	n/a	TAA10	BVM
B1	E123	5	3	3.36	4.33	0.5 (obstruction)	2.86	TAA10	BVM
B2	E123	3	5	3.29	4.33	5.13	-3.37	TAA10	BVM
B3	E45	5	3	2.67	4.48	3.64	-1.83	TAA10	BVM
C	E94	5	3	3.33	4.17	4	-3.16	TAA10	BVM
D1	E925	5	3	4.05	4.85	n/a	n/a	TAA10	BVM
D2	E122	3	5	3.60	4.30	4	-3.30	TAA10	BVM
E1	E929	5	3	3.64	4.55	3	-2.09	TAA10	BVM
E2	E930	5	3	3.55	4.35	4	-3.20	TAA10	BVM
E3	E927	5	3	4.12	4.82	2.85	-2.15	TAA10	BVM
F	E940	5	3	4.02	4.34	3.09	-2.74	TAA10	BVM
G	E951	5	3	3.94	4.40	3	-2.54	TAA10	BVM
H1	E957	5	3	3.49	4.00	3	-2.49	TAA10	BVM
H2	E957	5	3	3.95	4.00	n/a	n/a	TAA10	BVM

Trench	Location	N-S (m)	E-W (m)	Depth (m)	Height at top (m OD)	Excavation below project depth (m)	Depth of window sample (m OD)	Assessment area	Site code
H3	E956	5	3	3.64	4.14	3	-2.50	TAA10	BVM
WA1	W68	4	2	3.11	4.58	4	-3.20	TAA10	BVM
WA2	W68	2	4	3.85	4.49	4	-2.95	TAA10	BVM
WA3	W68	2	4	3.92	4.49	4	-3.34	TAA10	BVM

The archaeological investigations also included a geoarchaeological survey and an extended watching brief conducted on pre-piling ground reduction and other groundworks associated with the redevelopment of the site. This included the following works:

*Table 2: Areas investigated under watching brief conditions (It should be noted that dimensions given in relation to site-wide trial pits represents an average of each trial pit rather than the complete area investigated by this means)*

Works	Location	N-S	E-W	Depth (BGL)	Details
A4 ST1	E103	3	1	2.80	Slit trench to investigate extent of brick pier
A4 ST2	E103	6	1	3	Slit trench to investigate cemetery soil
A4 ST3	E103	3.90	1	3	Slit trench to investigate cemetery soil
A4 BHs	E103/E98	n/a	n/a	7.10	Boreholes 1-12; to investigate structural timber encountered within A4/BH1.
AT1	Bermondsey Street car park	25	7	4	Excavation of Attenuation Tank
AT1/MH1	Bermondsey Street car park	10	4	4	Manhole associated with attenuation tank 1.
AT2	E39a	28.2	3.8	3	Excavation of Attenuation Tank 2
AT3	E73	23.8	7.6	2	Excavation of Attenuation Tank 3
Ground reduction	E39/E39A	30	10	1.20	Widescale ground reduction in advance of piling works
	E122	35	10	1.60	Widescale ground reduction in advance of piling works
	E123	40	10	2	Widescale ground reduction in advance of piling works
	E929	11.8	7.5	1.5	Widescale ground reduction in advance of piling works
	E951	35	10	1.5	Widescale ground reduction in advance of piling works
	E55-E67; E918-E921	27.6	97.5	4.10	Back of House Drainage Works, widescale ground reduction in addition to numerous 'Drainage Trial Pits'
	W956	10.7	25.1	8	London Dungeon ground reduction in advance of piling works

<b>Works</b>	<b>Location</b>	<b>N-S</b>	<b>E-W</b>	<b>Depth (BGL)</b>	<b>Details</b>
	Cable Nightclub E11	7.25	5.10	1.66	Widescale ground reduction in advance of piling works
Goods Lift	E51	5.36	9.40	3.6	Excavation of footprint of goods lift
ETPs	Site wide	1	1	2	Excavation of series of 'Environmental Trial Pits' to investigate foundations of extant railway arches
SH	E47	5	5	4.20	Excavation of sewer heading
Service Yard	E47-E55	41	38.4	4	Widescale ground reduction in advance of new service yard