DO NOT SCALE

11) SUMMARY OF ANTICIPATED FOUNDATION AND GROUND FLOOR SLAB REQUIREMENTS

Plot Ref	Existing Ground Level (at time of investigation)				Proposed Slab Level	Anticipated Formation Level				Depth from Existing Topography to Formation Level				Depth from Regrade Level (0.45m below FFL) to Formation Level				Depth from Slab Level to Formation Level				Anticipated Slab Requirements	Anticipated Foundation Requirements	Safe Bearing Pressure kN/m²	Anticipated Bearing Strata	Other Remarks
	FLH (m)	RLH (m)	RRH (m)	FRH (m)	(m)	FLH (m)	RLH (m)	RRH (m)	FRH (m)	FLH (m)	RLH (m)	RRH (m)	FRH (m)	FLH (m)	RLH (m)	RRH (m)	FRH (m)	FLH (m)	RLH (m)	RRH (m)	FRH (m)					
Plot 1 & 2	90.560	89.860	90.060	90.290	92.650	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations as well as former course of River Irk. Area subject to deep site turnover to remove obstructions and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 3 & 4	91.200	90.870	89.880	90.780	92.500	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations as well as former course of River Irk. Area subject to deep site turnover to remove obstructions and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 5 & 6	91.170	91.220	90.210	91.320	91.900	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations as well as former course of River Irk. Area subject to deep site turnover to remove obstructions and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 7 - 9	90.980	89.980	91.100	91.190	91.450	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Soft clay beneath madeground. Affected by former building and foundations as well as former course of River Irk. Area subject to deep site turnover to remove obstructions/clay strata and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 10 & 11	89.840	89.630	89.800	90.500	90.850	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Soft clay beneath madeground. Affected by former building and foundations as well as former course of River Irk. Area subject to deep site turnover to remove obstructions/clay strata and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 12 & 13	89.470	89.400	89.440	89.530	90.400	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations as well as former course of River Irk. Area subject to deep site turnover to remove obstructions and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 14 & 15	89.250	89.390	89.310	89.300	90.450	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations as well as former course of River Irk. Area subject to deep site turnover to remove obstructions and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 16 - 18	89.750	89.650	89.390	89.370	91.500	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations as well as former course of River Irk. Area subject to deep site turnover to remove obstructions and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 19 & 20	90.940	89.750	89.560	91.040	91.600	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Soft clay beneath madeground. Affected by former building and foundations. Area subject to deep site turnover to remove obstructions/clay strata and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 21 & 22	90.180	90.010	90.510	90.840	92.250	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations. Area subject to deep site turnover to remove obstructions and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 23 & 24	89.990	89.870	89.910	90.090	91.800	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations. Area subject to deep site turnover to remove obstructions and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 25 & 26	89.350	89.490	89.440	89.260	91.200	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations. Area subject to deep site turnover to remove obstructions and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 27 & 28	88.850	89.240	89.470	89.220	91.600	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations. Area subject to deep site turnover to remove obstructions and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 29 & 30	89.480	89.710	89.690	89.390	91.900	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations. Area subject to deep site turnover to remove obstructions and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 31 & 32	89.050	89.490	89.350	89.450	91.900	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations as well as former course of River Irk. Area subject to deep site turnover to remove obstructions and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 33 & 34	89.170	89.470	89.380	89.250	91.975	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations as well as former course of River Irk. Area subject to deep site turnover to remove obstructions/clay to 2.0m for tree influence and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 35 & 36	89.240	89.150	89.060	89.210	92.050	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations as well as former course of River Irk. Area subject to deep site turnover to remove obstructions/clay to 2.0m for tree influence and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 37 & 38	89.750	89.620	89.250	89.260	90.400	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations as well as former course of River Irk. Area subject to deep site turnover to remove obstructions/clay to 2.0m for tree influence and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 39 & 40	89.310	89.200	89.260	89.310	90.100	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations as well as former course of River Irk. Area subject to deep site turnover to remove obstructions/clay to 2.0m for tree influence and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 41 & 42	89.140	89.060	89.350	89.320	90.100	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations as well as former course of River Irk. Area subject to deep site turnover to remove obstructions and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 43 & 44	89.450	89.450	89.460	89.450	90.400	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations as well as former course of River Irk. Area subject to deep site turnover to remove obstructions and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 45 & 46	89.430	89.470	89.470	89.330	90.850	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Affected by former building and foundations as well as former course of River Irk. Area subject to deep site turnover to remove obstructions and prepare the ground for vibro techniques. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 47	92.500	93.030	93.470	92.960	93.850	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 48	92.610	93.470	92.840	92.670	94.000	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 48 & 49 Garage	92.890	93.580	92.630	92.710	93.850	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 49	92.760	92.750	92.680	92.770	94.000	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 50 & 51	92.720	92.640	92.580	92.650	94.000	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 52	92.600	92.570	92.590	92.590	93.850	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 53 & 54	92.600	92.620	92.710	92.630	93.950	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 55 & 56	92.720	92.720	92.850	92.770	93.650	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 57	93.470	92.960	93.060	93.120	93.650	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 58	93.110	93.070	92.970	92.990	94.250	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 59 Garage	92.970	92.900	92.870	92.960	94.700	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 59	93.030	92.890	92.850	93.060	94.850	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 60 & 61	93.140	92.850	92.850	93.240	95.150	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 62 & 63	93.060	92.790	92.700	92.860	95.300	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 64	92.800	92.630	92.630	92.680	95.150	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 65	93.130	94.010	93.370	92.750	94.450	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 66 & 67	92.660	94.420	93.980	92.330	93.850	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 68	94.040	94.320	93.560	93.350	94.950	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 69	94.760	94.180	93.400	94.520	95.450	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 70	96.540	94.390	94.730	95.400	96.250	95.500	94.190	94.530	94.900	1.040	0.200	0.200	0.500	0.300	1.610	1.270	0.900	0.750	2.060	1.720	1.350	Suspended (cast in situ)	Tf	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 71 & 72	97.100	95.280	94.390	96.750	97.100	96.350	95.080	94.190	95.600	0.750	0.200	0.200	1.150	0.300	1.570	2.460	1.050	0.750	2.020	2.910	1.500	Suspended (cast in situ)	Tf	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 73	95.520	97.740	95.360	97.170	97.400	95.320	96.650	95.160	96.500	0.200	1.090	0.200	0.670	1.630	0.300	1.790	0.450	2.080	0.750	2.240	0.900	Suspended (cast in situ)	Tf	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 74 Garage	97.860	97.820	97.740	97.760	97.450	96.850	96.850	96.850	96.850	1.010	0.970	0.890	0.910	0.150	0.150	0.150	0.150	0.600	0.600	0.600	0.600	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 74	97.290	98.020	97.270	96.180	97.500	96.750	96.750	96.750	95.980	0.540	1.270	0.520	0.200	0.300	0.300	0.300	1.070	0.750	0.750	0.750	1.520	Suspended (cast in situ)	DRn	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 75	98.270	98.200	98.070	98.120	97.600	96.850	96.850	96.850	96.850	1.420	1.350	1.220	1.270	0.300	0.300	0.300	0.300	0.750	0.750	0.750	0.750	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 76	98.460	98.360	98.240	98.010	98.300	97.550	97.550	96.950	96.950	0.910	0.810	1.290	1.060	0.300	0.300	0.900	0.900	0.750	0.750	1.350	1.350	Suspended (cast in situ)	DRn	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 76 Garage	98.400	98.350	98.300	98.350	98.150	97.550	97.550	97.550	97.550	0.850	0.800	0.750	0.800	0.150	0.150	0.150	0.150	0.600	0.600	0.600	0.600	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 77	98.540	98.450	98.520	98.620	99.050	98.300	98.050	97.700	98.000	0.240	0.400	0.820	0.620	0.300	0.550	0.900	0.600	0.750	1.000	1.350	1.050	Suspended (cast in situ)	DRn	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 78	98.150	98.110	98.230	98.310	99.000	97.750	97.910	98.030	97.910	0.400	0.200	0.200	0.400	0.800	0.640	0.520	0.640	1.250	1.090	0.970	1.090	Suspended (cast in situ)	DRn	125	Medium dense SAND	Area subject to landraising.
Plot 79	97.950	98.020	98.180	98.110	98.700	97.350	97.820	97.950	97.710	0.600	0.200	0.230	0.400	0.900	0.430	0.300	0.540	1.350	0.880	0.750	0.990	Suspended (cast in situ)	DRn	125	Medium dense SAND	Area subject to landraising.
Plot 80	97.770	97.800	97.970	97.910	98.100	96.800	96.800	97.350	97.350	0.970	1.000	0.620	0.560	0.850	0.850	0.300	0.300	1.300	1.300	0.750	0.750	Suspended (cast in situ)	DRn	125	Medium dense SAND	Area subject to landraising.
Plot 81 & 82	97.530	97.580	97.770	97.730	97.450	96.550	96.700	96.700	96.700	0.980	0.880	1.070	1.030	0.450	0.300	0.300	0.300	0.900	0.750	0.750	0.750	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 83 Garage	97.470	97.450	97.530	97.520	97.000	96.400	96.400	96.400	96.400	1.070	1.050	1.130	1.120	0.150	0.150	0.150	0.150	0.600	0.600	0.600	0.600	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 83	97.340	97.360	97.450	97.410	97.100	95.600	95.700	96.350	96.350	1.740	1.660	1.100	1.060	1.050	0.950	0.300	0.300	1.500	1.400	0.750	0.750	Suspended (cast in situ)	DRn	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 84	97.000	97.160	97.320	97.320	96.300	94.900	95.200	95.550	95.550	2.100	1.960	1.770	1.770	0.950	0.650	0.300	0.300	1.400	1.100	0.750	0.750	Suspended (cast in situ)	DRn	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 85	93.480	93.540	94.660	95.000	95.150	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 86	93.690	94.940	95.170	93.380	95.450	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 87 & 88	93.330	94.080	94.820	93.770	95.450	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to deep site turnover to remove peat and soft cohesive strata under tree influence beneath madeground and replaced with granular material to facilitate vibro techniques. Cohesive material removal to 2.35m unless granular material encountered at shallower depths.
Plot 89	98.810	98.920	98.800	98.720	99.300	98.550	98.550	98.550	98.520	0.260	0.370	0.250	0.200	0.300	0.300	0.300	0.330	0.750	0.750	0.750	0.780	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 90	99.080	98.930	98.860	99.000	100.150	98.880	98.730	98.650	98.650	0.200	0.200	0.210	0.350	0.820	0.970	1.050	1.050	1.270	1.420	1.500	1.500	Suspended (cast in situ)	DRn	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 91 & 92	99.220	99.060	99.000	99.160	100.600	99.020	98.860	98.800	98.960	0.200	0.200	0.200	0.200	1.130	1.290	1.350	1.190	1.580	1.740	1.800	1.640	Suspended (cast in situ)	Tf	125	Medium dense SAND	Area subject to landraising.
Plot 93 & 94	99.390	99.240	99.120	99.260	100.700	99.090	98.940	98.920	98.960	0.300	0.300	0.200	0.300	1.160	1.310	1.330	1.290	1.610	1.760	1.780	1.740	Suspended (cast in situ)	Tf	125	Medium dense SAND	Area subject to landraising.
Plot 95 & 96	102.910	102.980	99.390	99.800	100.800	100.050	100.050	99.090	99.500	2.860	2.930	0.300	0.300	0.300	0.300	1.260	0.850	0.750	0.750	1.710	1.300	Suspended (cast in situ)	Tf	125	Medium dense SAND	Area subject to landraising.
Plot 97	100.850	98.950	99.050	101.250	100.500	99.300	98.550	98.750	99.750	1.550	0.400	0.300	1.500	0.750	1.500	1.300	0.300	1.200	1.950	1.750	0.750	Suspended (cast in situ)	Tf	125	Medium dense SAND	Area subject to landraising.
Plot 98	99.740	98.790	98.940	99.530	100.350	99.225	98.290	98.540	99.130	0.515	0.500	0.400	0.400	0.675	1.610	1.360	0.770	1.125	2.060	1.810	1.220	Suspended (cast in situ)	Tf	125	Medium dense SAND	Area subject to landraising.
Plot 99	98.570	98.720	98.770	98.640	99.300	98.270	98.420	98.470	98.340	0.300	0.300	0.300	0.300	0.580	0.430	0.380	0.510	1.030	0.880	0.830	0.960	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to landraising.
Plot 100 & 101	98.430	98.630	98.700	98.560	99.150	98.230	98.400	98.400	98.260	0.200	0.230	0.300	0.300	0.470	0.300	0.300	0.440	0.920	0.750	0.750	0.890	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to landraising.
Plot 102	98.440	98.530	98.380	98.290	99.000	98.140	98.230	98.180	98.090	0.300	0.300	0.200	0.200	0.410	0.320	0.370	0.460	0.860	0.770	0.820	0.910	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to landraising.
Plot 103	103.020	103.090	103.230	103.190	101.100	100.350	100.350	100.125	100.350	2.670	2.740	3.105	2.840	0.300	0.300	0.525	0.300	0.750	0.750	0.975	0.750	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 104	103.040	103.220	103.230	103.090	101.150	100.240	100.400	100.400	100.290	2.800	2.820	2.830	2.800	0.460	0.300	0.300	0.410	0.910	0.750	0.750	0.860	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Former pond madeground will be substancially removed.
Plot 105	103.170	103.270	103.290	103.060	101.950	101.200	101.200	100.700	100.260	1.970	2.070	2.590	2.800	0.300	0.300	0.800	1.240	0.750	0.750	1.250	1.690	Suspended (cast in situ)	Tf	125	Medium dense SAND	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Former pond madeground will be substancially removed.
Plot 106 Garage	103.320	103.450	103.430	103.300	102.250	101.650	101.650	101.350	101.350	1.670	1.800	2.080	1.950	0.150	0.150	0.450	0.450	0.600	0.600	0.900	0.900	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 106	103.260	103.320	103.300	103.210	102.350	101.600	101.600	101.600	101.600	1.660	1.720	1.700	1.610	0.300	0.300	0.300	0.300	0.750	0.750	0.750	0.750	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 107	103.310	103.320	103.280	103.260	103.250	102.500	101.750	101.900	102.500	0.810	1.570	1.380	0.760	0.300	1.050	0.900	0.300	0.750	1.500	1.350	0.750	Suspended (cast in situ)	DRn	125	Medium dense SAND	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 108 & 109	104.570	103.930	103.540	103.580	103.650	102.600	102.600	102.900	102.900	1.970	1.330	0.640	0.680	0.600	0.600	0.300	0.300	1.050	1.050	0.750	0.750	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 110	103.830	103.230	103.940	104.610	103.050	100.950	101.050	102.300	102.300	2.880	2.180	1.640	2.310	1.650	1.550	0.300	0.300	2.100	2.000	0.750	0.750	Suspended (cast in situ)	Tf	125	Medium dense SAND	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 111 & 112	102.220	101.450	102.850	103.370	101.650	100.300	99.800	100.900	100.900	1.920	1.650	1.950	2.470	0.900	1.400	0.300	0.300	1.350	1.850	0.750	0.750	Suspended (cast in situ)	Tf	125	Medium dense SAND	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 113 & 114	99.590	100.390	101.050	100.030	100.050	99.290	99.300	99.300	98.550	0.300	1.090	1.750	1.480	0.310	0.300	0.300	1.050	0.760	0.750	0.750	1.500	Suspended (cast in situ)	DRn	125	Medium dense SAND	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 115 & 116	98.980	99.770	100.210	99.470	100.050	98.680	99.300	99.300	99.170	0.300	0.470	0.910	0.300	0.920	0.300	0.300	0.430	1.370	0.750	0.750	0.880	Suspended (cast in situ)	DRn	125	Medium dense SAND	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 117	98.900	99.370	99.020	98.420	99.750	98.700	99.000	98.820	98.220	0.200	0.370	0.200	0.200	0.600	0.300	0.480	1.080	1.050	0.750	0.930	1.530	Suspended (cast in situ)	DRn	125	Medium dense SAND	Unaffected by trees due to granular madeground underlain by sand strata.
Plot 118	100.460	100.230	99.320	99.600	100.050	99.300	99.300	99.020	99.300	1.160	0.930	0.300	0.300	0.300	0.300	0.580	0.300	0.750	0.750	1.030	0.750	Suspended (cast in situ)	Rn	125	Medium dense SAND	
Plot 119 & 120	102.680	102.850	100.990	101.320	100.650	99.900	99.900	99.450	99.450	2.780	2.950	1.540	1.870	0.300	0.300	0.750	0.750	0.750	0.750	1.200	1.200	Suspended (cast in situ)	DRn	125	Medium dense SAND	Area subject to cutting.
Plot 121	103.530	103.630	103.230	103.110	100.650	99.900	99.900	99.900	99.900	3.630	3.730	3.330	3.210	0.300	0.300	0.300	0.300	0.750	0.750	0.750	0.750	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to cutting.
Plot 122	103.450	103.380	103.590	103.440	100.650	99.900	99.900	99.900	99.900	3.550	3.480	3.690	3.540	0.300	0.300	0.300	0.300	0.750	0.750	0.750	0.750	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to cutting.
Plot 122 Garage	103.320	103.440	103.520	103.390	100.550	99.950	99.950	99.950	99.950	3.370	3.490	3.570	3.440	0.150	0.150	0.150	0.150	0.600	0.600	0.600	0.600	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 123	98.540	98.480	98.570	98.690	99.900	98.240	98.180	98.270	98.390	0.300	0.300	0.300	0.300	1.210	1.270	1.180	1.060	1.660	1.720	1.630	1.510	Suspended (cast in situ)	Tf	125	Medium dense SAND	Area subject to landraising.
Plot 124 & 125	98.350	98.290	98.430	98.570	99.750	98.050	97.990	98.130	98.270	0.300	0.300	0.300	0.300	1.250	1.310	1.170	1.030	1.700	1.760	1.620	1.480	Suspended (cast in situ)	Tf	125	Medium dense SAND	Area subject to landraising.
Plot 126	98.210	98.100	98.180	98.260	99.600	97.910	97.800	97.880	97.960	0.300	0.300	0.300	0.300	1.240	1.350	1.270	1.190	1.690	1.800	1.720	1.640	Suspended (cast in situ)	Tf	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 127 & 128	97.910	97.630	98.090	98.170	99.300	97.610	97.330	97.790	97.870	0.300	0.300	0.300	0.300	1.240	1.520	1.060	0.980	1.690	1.970	1.510	1.430	Suspended (cast in situ)	Tf	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 129 & 130	97.840	97.930	98.060	97.940	98.800	97.390	97.480	97.560	97.440	0.450	0.450	0.500	0.500	0.960	0.870	0.790	0.910	1.410	1.320	1.240	1.360	Suspended (cast in situ)	DRn	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 131 & 132	97.630	97.630	97.780	97.760	98.050	97.230	97.230	97.300	97.300	0.400	0.400	0.480	0.460	0.370	0.370	0.300	0.300	0.820	0.820	0.750	0.750	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to cutting.
Plot 133 & 134	97.400	97.460	97.570	97.550	97.750	97.000	97.000	97.000	97.000	0.400	0.460	0.570	0.550	0.300	0.300	0.300	0.300	0.750	0.750	0.750	0.750	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 135	97.190	97.300	97.410	97.310	97.600	96.840	96.850	96.850	96.850	0.350	0.450	0.560	0.460	0.310	0.300	0.300	0.300	0.760	0.750	0.750	0.750	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 136	96.940	96.930	97.120	97.110	97.150	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 137	96.730	96.690	96.850	96.910	96.850	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata.
Plot 138	96.110	95.960	95.620	95.810	95.950	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site. Where madeground depth can vary significantly.
Plot 139 & 140	94.810	95.670	95.510	95.640	94.900	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to cutting and filling. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site and affected by exisiting embankment. Where madeground depth can vary significantly.
Plot 141 & 142	92.950	94.280	96.200	93.980	94.550	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to cutting and filling. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site and affected by exisiting embankment. Where madeground depth can vary significantly.
Plot 143	95.670	96.610	96.630	95.730	94.550	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to cutting and filling. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of where madeground depth can vary significantly.
Plot 144 & 145	93.550	96.660	96.600	94.570	94.850	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to cutting and filling. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of where madeground depth can vary significantly.
Plot 146	95.260	95.720	93.510	93.390	95.150	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to cutting and filling. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of where madeground depth can vary significantly.
Plot 147 & 148	97.230	97.170	96.990	97.050	96.550	95.800	95.800	94.700	95.800	1.430	1.370	2.290	1.250	0.300	0.300	1.400	0.300	0.750	0.750	1.850	0.750	Suspended (cast in situ)	Tf	125	Medium dense SAND	Unaffected by trees due to granular madeground underlain by sand strata.
Plot 149 & 150	97.510	97.460	97.260	97.320	97.300	96.550	96.550	95.950	95.950	0.960	0.910	1.310	1.370	0.300	0.300	0.900	0.900	0.750	0.750	1.350	1.350	Suspended (cast in situ)	DRn	125	Medium dense SAND	Unaffected by trees due to granular madeground underlain by sand strata.
Plot 151 & 152	97.760	97.720	97.560	97.590	97.900	97.150	97.150	96.700	96.700	0.610	0.570	0.860	0.890	0.300	0.300	0.750	0.750	0.750	0.750	1.200	1.200	Suspended (cast in situ)	DRn	125	Medium dense SAND	
Plot 153 & 154	97.970	97.930	97.790	97.860	98.700	97.170	97.630	97.425	97.260	0.800	0.300	0.365	0.600	1.080	0.620	0.825	0.990	1.530	1.070	1.275	1.440	Suspended (cast in situ)	DRn	125	Medium dense SAND	
Plot 155	98.090	98.050	97.950	98.010	99.000	97.790	97.750	97.650	97.410	0.300	0.300	0.300	0.600	0.760	0.800	0.900	1.140	1.210	1.250	1.350	1.590	Suspended (cast in situ)	DRn	125	Medium dense SAND	
Plot 156 & 157	98.340	98.220	98.090	98.190	99.150	98.140	97.870	97.790	97.890	0.200	0.350	0.300	0.300	0.560	0.830	0.910	0.810	1.010	1.280	1.360	1.260	Suspended (cast in situ)	DRn	125	Medium dense SAND	
Plot 158 Garage	98.250	98.180	98.150	98.230	99.150	97.750	97.680	97.650	97.730	0.500	0.500	0.500	0.500	0.950	1.020	1.050	0.970	1.400	1.470	1.500	1.420	Suspended (cast in situ)	DRn	125	Medium dense SAND	
Plot 158	98.450	98.330	98.290	98.400	99.300	98.150	98.030	97.990	98.100	0.300	0.300	0.300	0.300	0.700	0.820	0.860	0.750	1.150	1.270	1.310	1.200	Suspended (cast in situ)	DRn	125	Medium dense SAND	
Plot 159 & 160	98.270	98.190	98.150	98.270	99.750	98.070	97.990	97.950	98.070	0.200	0.200	0.200	0.200	1.230	1.310	1.350	1.230	1.680	1.760	1.800	1.680	Suspended (cast in situ)	Tf	125	Medium dense SAND	Unaffected by trees due to granular madeground underlain by sand strata.
Plot 161 & 162	98.930	99.130	98.280	98.350	100.050	98.630	98.830	97.980	98.050	0.300	0.300	0.300	0.300	0.970	0.770	1.620	1.550	1.420	1.220	2.070	2.000	Suspended (cast in situ)	Tf	125	Medium dense SAND	Unaffected by trees due to granular madeground underlain by sand strata.
Plot 163	98.650	98.460	98.860	98.610	99.900	98.250	98.060	98.560	98.310	0.400	0.400	0.300	0.300	1.200	1.390	0.890	1.140	1.650	1.840	1.340	1.590	Suspended (cast in situ)	Tf	125	Medium dense SAND	Unaffected by trees due to granular madeground underlain by sand strata.
Plot 164	98.620	98.510	98.860	98.780	99.900	98.220	98.110	98.460	98.380	0.400	0.400	0.400	0.400	1.230	1.340	0.990	1.070	1.680	1.790	1.440	1.520	Suspended (cast in situ)	Tf	125	Medium dense SAND	Unaffected by trees due to granular madeground underlain by sand strata.
Plot 165 & 166	98.150	98.010	98.230	98.300	98.400	97.150	97.010	96.750	97.300	1.000	1.000	1.480	1.000	0.800	0.940	1.200	0.650	1.250	1.390	1.650	1.100	Suspended (cast in situ)	Tf	125	Medium dense SAND	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 167 & 168	98.290	98.300	98.050	98.230	97.500	95.850	95.850	96.750	96.750	2.440	2.450	1.300	1.480	1.200	1.200	0.300	0.300	1.650	1.650	0.750	0.750	Suspended (cast in situ)	Tf	125	Medium dense SAND	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 169	98.260	98.330	98.310	98.300	96.600	95.850	95.850	95.850	95.850	2.410	2.480	2.460	2.450	0.300	0.300	0.300	0.300	0.750	0.750	0.750	0.750	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to cutting. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 169 Garage	98.350	98.350	98.310	98.340	96.450	95.850	95.850	95.850	95.850	2.500	2.500	2.460	2.490	0.150	0.150	0.150	0.150	0.600	0.600	0.600	0.600	Suspended (cast in situ)	Rn	125	Medium dense SAND	Area subject to cutting. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 170 & 171	98.180	98.280	98.220	98.050	95.850	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 172 & 173	98.330	98.350	98.350	98.290	96.600	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to cutting. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 174	98.300	98.270	98.350	98.330	97.450	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to cutting. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 175	98.200	98.220	98.260	98.250	98.200	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to cutting. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 176 & 177	97.850	97.980	98.190	98.070	98.850	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to landraising. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 178	97.460	97.770	97.940	97.830	99.000	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to landraising. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 179 & 180	97.920	98.000	97.770	97.620	99.150	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 181	97.610	97.090	97.410	97.560	99.100	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 182 & 183	97.760	97.590	96.860	97.350	99.100	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to landraising. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 184	98.030	97.880	97.830	97.960	98.350	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Plot within area of former landfill site where madeground depth can vary significantly.
Plot 185	97.570	97.510	97.660	97.710	98.050	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to landraising. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 186 & 187	97.330	97.240	97.420	97.490	97.750	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to cutting. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 188 & 189	96.910	96.610	97.130	97.220	97.250	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to cutting. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 190	96.050	96.390	96.690	96.510	96.500	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to cutting. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 191 & 192	97.070	97.060	96.520	96.580	97.450	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 193	97.130	96.810	96.920	97.160	98.200	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 194 & 195	97.380	97.170	96.940	97.140	98.500	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Area subject to landraising. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 196 & 197	93.620	94.910	95.180	94.060	93.650	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting and filling. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site and affected by exisiting embankment. Where madeground depth can vary significantly.
Plot 198 & 199	93.510	95.510	95.670	93.560	93.950	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting and filling. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site and affected by exisiting embankment. Where madeground depth can vary significantly.
Plot 200 & 201	94.200	96.320	96.540	94.220	93.950	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting and filling. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site and affected by exisiting embankment. Where madeground depth can vary significantly.
Plot 202 & 203	94.150	96.550	96.750	94.270	94.400	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting and filling. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site and affected by exisiting embankment. Where madeground depth can vary significantly.
Plot 204 & 205	94.160	96.780	96.510	93.990	94.900	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting and filling. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site and affected by exisiting embankment. Where madeground depth can vary significantly.
Plot 206 & 207	94.720	96.600	97.100	96.050	95.850	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting and filling. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site and affected by exisiting embankment. Where madeground depth can vary significantly.
Plot 208 & 209	97.330	97.200	97.210	97.290	96.800	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 210	97.370	97.270	97.230	97.370	97.600	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 211 & 212	97.090	97.160	96.960	96.880	96.550	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 213 & 214	96.730	96.810	96.660	96.520	95.950	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 215 & 216	96.360	96.500	96.340	96.150	95.200	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 217	97.530	97.680	97.670	97.550	97.700	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 218 & 219	97.960	97.990	97.780	97.810	98.150	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 220 & 221	98.180	98.080	98.030	98.070	98.000	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 222 & 223	98.200	97.980	98.010	98.200	97.600	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 224 & 225	98.060	97.890	97.990	98.170	97.150	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 226 & 227	97.720	97.340	97.820	97.970	95.900	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 228 & 229	95.650	96.500	97.470	96.770	95.100	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 230 & 231	93.780	94.630	95.570	94.640	94.800	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 232 & 233	96.740	97.510	97.340	96.500	95.250	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 234 & 235	96.680	97.640	97.450	96.330	95.550	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 236 & 237	96.510	97.470	97.340	95.780	95.700	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 238 & 239	96.760	97.240	97.300	96.350	95.850	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 240 & 241	97.610	97.760	97.690	97.550	96.950	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Area subject to cutting. Unaffected by trees due to granular madeground underlain by sand strata. Plot within area of former landfill site where madeground depth can vary significantly.
Plot 242 & 243	100.790	99.730	99.660	99.980	101.400	Pile type and lengths to specialist contractor design and installation records																Precast (block & beam)	PH	Pile Working Loads	N/A	Affected by trees. Heave precautions required to ground beams due to cohesive madeground underlain by clay.
Plot 244 & 245	99.940	99.630	99.290	99.430	101.100	Pile type and lengths to specialist contractor design and installation records																Precast (block & beam)	PH	Pile Working Loads	N/A	Affected by trees. Heave precautions required to ground beams due to cohesive madeground underlain by clay.
Plot 246 - 249	99.240	99.590	99.770	99.370	99.150	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Affected by trees.
Plot 250 & 251	99.290	99.800	100.120	99.700	99.350	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Affected by trees.
Plot 252 - 255	98.660	98.330	97.220	98.230	98.650	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Variable depth, very soft to soft clay madeground and soft to stiff underlying clay.
Plot 256 - 258	98.060	96.650	95.120	95.100	96.600	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Variable depth, very soft to soft clay madeground and soft to stiff underlying clay.
Plot 259 - 262	95.020	95.050	94.590	94.450	95.250	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Variable depth, very soft to soft clay madeground and soft to stiff underlying clay.
Plot 263 & 264	98.350	98.440	98.910	98.750	98.250	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Variable depth, very soft to soft clay madeground and soft to stiff underlying clay.
Plot 265 & 266	96.940	97.520	98.290	98.240	97.150	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Variable depth, very soft to soft clay madeground and soft to stiff underlying clay.
Plot 267 & 268	94.890	94.880	95.340	95.350	96.000	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Specialist vibro contractor to assess whether ground conditions suitable for ground improvement technique. Possible turnover of ground to remove soft clays where present and subject to re-engineering of uplift levels with suitable materials.
Plot 269 & 270	94.810	95.330	95.230	94.850	95.550	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Specialist vibro contractor to assess whether ground conditions suitable for ground improvement technique. Possible turnover of ground to remove soft clays where present and subject to re-engineering of uplift levels with suitable materials.
Plot 271 & 272	94.780	94.960	95.050	94.800	95.550	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Specialist vibro contractor to assess whether ground conditions suitable for ground improvement technique. Possible turnover of ground to remove soft clays where present and subject to re-engineering of uplift levels with suitable materials.
Plot 273 & 274	94.720	94.980	95.120	94.770	95.550	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Specialist vibro contractor to assess whether ground conditions suitable for ground improvement technique. Possible turnover of ground to remove soft clays where present and subject to re-engineering of uplift levels with suitable materials.
Plot 275 & 276	94.580	94.750	94.630	94.370	95.550	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Specialist vibro contractor to assess whether ground conditions suitable for ground improvement technique. Possible turnover of ground to remove soft clays where present and subject to re-engineering of uplift levels with suitable materials.
Plot 277 & 278	94.030	94.550	94.720	94.380	96.000	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Specialist vibro contractor to assess whether ground conditions suitable for ground improvement technique. Possible turnover of ground to remove soft clays where present and subject to re-engineering of uplift levels with suitable materials.
Plot 279 & 280	98.430	98.670	96.700	95.920	98.550	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Variable depth, very soft to soft clay madeground and soft to stiff underlying clay.
Plot 281 & 282	98.900	98.910	98.850	98.880	99.300	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Variable depth, very soft to soft clay madeground and soft to stiff underlying clay.
Plot 283 - 286	98.880	98.680	98.890	98.980	100.050	Pile type and lengths to specialist contractor design and installation records																Suspended (cast in situ)	P	Pile Working Loads	N/A	Variable depth, very soft to soft clay madeground and soft to stiff underlying clay.
Plot 287 - 290	100.520	100.230	101.700	101.580	100.650	Pile type and lengths to specialist contractor design and installation records																Precast (block & beam)	PH	Pile Working Loads	N/A	Deep madeground consists of clay strata. Potential to heave. Heave precations required to ground beams and in pile design.
Plot 291 & 292	97.180	97.590	99.140	98.230	99.250	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Not affected by trees due to deep granular strata present. Specialist vibro contractor to assess whether ground conditions suitable for ground improvement technique and subject to re-engineering of uplift levels with suitable materials. Clay strata to be removed to 1.2m depth below EGL along right hand gable if vibro solution proposed.
Plot 293 & 295	100.810	101.510	100.390	99.710	99.450	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Not affected by trees due to deep granular strata present.
Plot 296 & 297	98.080	97.560	99.700	99.860	98.800	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Not affected by trees due to deep granular strata present. Specialist vibro contractor to assess whether ground conditions suitable for ground improvement technique and subject to re-engineering of uplift levels with suitable materials.
Plot 298 - 301	95.780	97.680	97.680	95.910	98.050	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Not affected by trees due to deep granular strata present. Specialist vibro contractor to assess whether ground conditions suitable for ground improvement technique and subject to re-engineering of uplift levels with suitable materials.
Plot 302 & 303	96.120	95.760	95.320	95.720	98.250	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Not affected by trees due to deep granular strata present. Specialist vibro contractor to assess whether ground conditions suitable for ground improvement technique and subject to re-engineering of uplift levels with suitable materials. Clay strata to be removed to a depth of 1.2m below EGL along right hand gable if vibro solution proposed.
Plot 304 & 305	96.970	96.340	95.680	96.090	98.850	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Not affected by trees due to deep granular strata present. Specialist vibro contractor to assess whether ground conditions suitable for ground improvement technique and subject to re-engineering of uplift levels with suitable materials.
Plot 306 & 307	95.230	95.510	96.410	96.200	97.950	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Specialist vibro contractor to assess whether ground conditions suitable for ground improvement technique and subject to re-engineering of uplift levels with suitable materials.
Plot 308 & 309	94.730	94.740	94.430	94.360	96.300	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Specialist vibro contractor to assess whether ground conditions suitable for ground improvement technique and subject to re-engineering of uplift levels with suitable materials.
Plot 310 & 311	95.260	95.260	94.830	95.100	96.750	Vibrated stone column lengths to specialist contractor design and installation records																Suspended (cast in situ)	V	125	Vibrated stone column	Specialist vibro contractor to assess whether ground conditions suitable for ground improvement technique and subject to re-engineering of uplift levels with suitable materials.

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GENERAL NOTES

1. This drawing is to be read in conjunction with the following:-
   a) GroundSure EnviroInsight/GeoInsight/Historical Ordnance Survey Maps, Don Street, Middleton, North Manchester ref. CMAPS-AAB-205545-13877-050213EDR/GEO/HIS, dated 05 February 2013.
   b) British Geological Survey, 1:10,560 Geological Map Sheet Lancashire 96NE.
   c) REFA Consulting Engineers, Proposed Industrial Development, Rex Mill, Don Street, Middleton, Manchester, report ref. 05122, dated September 2006.
   d) Survey Systems Ltd, Topographical Survey, Don Street, Middleton, drawing ref. SSL:13989A:250:1-8:8, dated March 2012.
   e) Obtained from records held by Vitafoam, unreferenced.
   f) Coopers Site Investigation Report, reference 5639si.
   g) British Geological Survey, onshore borehole records.
   h) Kellen Homes, Site Planning Layout, Don Street, Middleton, ref. KH/DS/PSL/01, rev. AQ, dated 26 May 2022.
   i) Urban Green, Land off Don Street, Arboricultural Impact Assessment, ref. UG956, dated May 2021.
   j) RSK, External works, Don Street, Middleton, ref. 882333/40-22-01, rev. P6, dated 31 May 2022.
   k) E3P, Phase I & II Geoenvironmental Site Assessment, Land off Don Street, Middleton, ref. 14-554-R1-1, dated May 2021.
   l) E3P, Supplementary Site Assessment Letter Don Street, Middleton, ref. 14-554-L1-2, dated 8 June 2022.
   m) Email from Kellen Homes Limited dated 16 February 2022 containing E3P trial pit logs and location plan.
2. The foundation types indicated are based upon the facts established from observations and field tests during the trial pit investigations. It should be recognised that natural strata may vary considerably from point to point and the groundwater regime may be influenced by seasonal or other factors. The foundation types indicated are therefore for 'GUIDANCE PURPOSES ONLY' and should be constantly reviewed in the light of the actual conditions exposed on site during the construction work.
3. The tree contours show the minimum depth required for foundations below ground level in clay soils within influencing distance of trees/hedgerow - i.e. trees to be retained and trees to be removed. The 'ground level' shall be determined in accordance with the NHBC Standards Chapter 4.2 'Building Near Trees'.
4. Trees or hedgerows which are to be planted must be considered. No allowance has been made for them on this drawing as it is assumed that any proposed trees and or hedgerows will be sited to avoid affecting any proposed dwelling foundation.
5. The shrinkability of the cohesive soil strata on this site has been determined as LOW in accordance with NHBC Standards Chapter 4.2.
6. Where necessary foundations should be stepped in accordance with current NHBC recommendations.

BASIS OF ASSESSMENT AND GUIDANCE ON FOUNDATION CONSTRUCTION:

General
-The foundations are based upon inferring ground conditions from exploratory holes by third parties. In areas where variable ground conditions occur the precise locations of the exploratory holes would be required to allow accurate assessments of the ground conditions for plot specific assessments.
-No information has been provided to indicate the location of the exploratory holes have been surveyed.
-The foundation types have been proposed based upon the developer's commercial preferences for foundation types with depths
-It is acknowledged that trench stability can influence the suitability of foundation construction and we would advocate trial excavations with the developer and contractors to appraise the influence, limitations and changes/measures that can be adopted.

Investigation Areas
-Specific features from the historical Ordnance Survey maps have been accurately overlaid to disclose potential abnormal ground conditions. Specific targeting and delineation of these features are required to enable an accurate assessment.
-The remarks section of the foundation schedule details plot specific features likely to be encountered and may include recommendations for further investigation prior to construction.
-Where the ground conditions differ from those indicated in this drawing we would advocate the developer contacts Coopers to confirm or recommend procedures for reappraisals prior to casting the foundations, and may require further ground investigation.

External Works
-The foundation schedule includes specific designs to account for the proposed slab levels and underbuild.
-Where retaining walls are proposed in close proximity to plots, the foundations may need to be constructed at the same time as the plot/garage foundations, and specific discussions with Coopers structural engineers are recommended should potential conflicts be considered.
-The assessments make no account of proposed utilities excavations and should deep excavations be proposed the formation depths should be appraised to determine if these need to be set a lower level.
-This site will require cutting and filling to achieve the necessary development platform. In areas where plots have significant underbuild brickwork and/or adjacent retaining walls, the relationship between plot foundation and retaining wall will need to be considered by a structural engineer. Where necessary the foundation option presented here may need to be amended or adapted. The final regrade levels of the earthworks contract will also need to be considered in these areas.

Tree Influence and Formation Depths
-The tree survey (as referenced in General Note 1i) was current at the time of the original revision of this drawing. The developer should be aware that trees which are <½ mature height may be subject to substantial changes in growth over time and therefore reappraisals of tree heights and foundation depths at the time of construction/felling may be required.
-This site is comprised of granular madeground over sand strata over the majority of the site. Therefore trees do not influence foundation depths, the tree contour depths have been included on the plan for information only.

12) NOTES TO TABLE 11

1. Gables determined by viewing plots from the road side;
   FLH - Front Left Hand,
   RLH - Rear Left Hand,
   RRH - Rear Right Hand,
   FRH - Front Right Hand.
2. Where slab levels differ between adjacent plots by 600mm or greater the provision of retaining walls between the plots is anticipated. To avoid imposing unnecessary loading on the wall, the foundation for the dwelling on the retained side may have to be deepened. This drawing does NOT take into consideration the potential influence on the foundation level of the anticipated retaining walls. Once retaining wall positions have been finalised the information may have to be reviewed and foundation depths amended to ensure than no footings are not subjected to any additional loadings.
3. The above table does not include an assessment of the proposed house drainage.

NOTE: This site will be extensively regraded. The final cut and fill levels have not been produced. Therefore for preliminary assessment it has been assumed that these levels will be sat at 0.45m below FFL. All foundation assessments on the accompanying table are relevant to this datum reference level. This note excludes working platform levels for piling or vibro replacement techniques which will be set relevant to ground beam and vibro footing designs.

CDM HIGH RISK ASSESSMENT

FOR ALL RISKS REFER TO KELLEN HOMES DESIGN RISK ASSESSMENT PACKAGE

FOR TENDER PURPOSES ONLY

THIS DRAWING SHOULD ONLY BE PRINTED IN COLOUR

REVISION BOX

Rev.	Date	Revision	By	Appd.
B	05.08.22	Plots 246 - 249 & 252 - 255 FFL and external works updated.	OS	PRS
A	07.07.22	Planning layout updated, additional E3P exploratory holes added to plan. Foundation table updated accordingly.	OS/AH	PRS

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Project
Don Street,
Middleton.

Title
FOUNDATION PLAN
SHEET 4 OF 4

DRAWING NUMBER	SCALE at A0	N/A	REVISION
5639 / Fd / 04	DATE	03.03.22	B
	DRAWN	AH / OS	
	CHECKED	PRS	