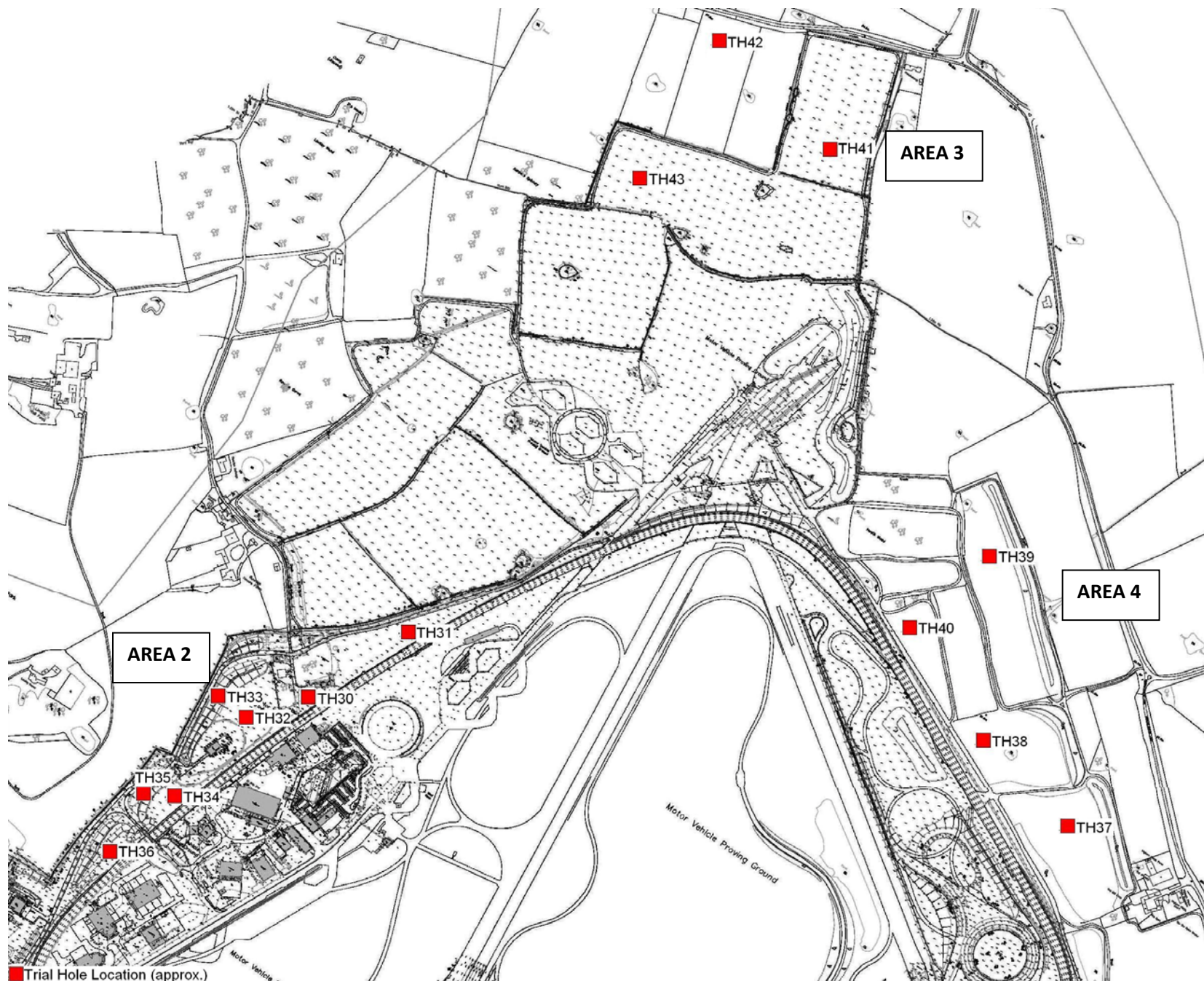




■ Trial Hole Location (approx.)

■ THx
Trial Hole Location
(approximate)



TIM O'HARE ASSOCIATES
SOIL & LANDSCAPE CONSULTANCY

Client:	The Terra Firma Consultancy		
Project:	Mira Site		
Job ref no.:	TOHA/10/2774/Dec/TW		
Drawing no.:	TOHA/10/2774/2		
Drawing title:	Mira Soil Survey – Area 2-4		
Date:	Dec '10	Scale:	NTS
Drawn by:	TW	Checked by:	TOH

Tim O'Hare Associates LLP
Howbery Park Wallingford Oxfordshire OX10 8BA
T: 01491 822653 F: 01491 822644 E: info@toha.co.uk
www.toha.co.uk



■ THx
Trial Hole Location
(approximate)



TIM O'HARE ASSOCIATES
SOIL & LANDSCAPE CONSULTANCY

Client:	The Terra Firma Consultancy		
Project:	Mira Site		
Job ref no.:	TOHA/10/2775/TW/Dec		
Drawing no.:	TOHA/10/2775/1		
Drawing title:	Mira Soil Survey – Area 1		
Date:	Dec '10	Scale:	NTS
Drawn by:	TW	Checked by:	TOH

Tim O'Hare Associates LLP
Howbery Park Wallingford Oxfordshire OX10 8BA
T: 01491 822653 F: 01491 822644 E: info@toha.co.uk
www.toha.co.uk

Appendix 2

Laboratory Analysis Results



TIM O'HARE ASSOCIATES
SOIL & LANDSCAPE CONSULTANCY

Client: **The Terra Firma Consultancy**
Project: **Mira Project**
Job: **Soil Resource Survey**
Date: **December 2010**
Job Ref No: **TOHA/10/2774/TW**

Sample Reference		Area 1 TH11	Area 1 TH26	Area 2 TH30	Area 3 TH42	Area 4 TH40
Sample Description		Topsoil	Topsoil	Topsoil	Topsoil	Topsoil
Clay (<0.002mm)	%	34	41	37	39	31
Silt (0.002-0.063mm)	%	30	31	40	31	28
Sand (0.063-2.0mm)	%	36	28	23	30	41
Texture Class (UK Classification)	--	HCL	C	C	C	HCL
Stones (2-20mm)	% DW	1	1	6	1	3
Stones (20-50mm)	% DW	0	0	2	0	0
Stones (>50mm)	% DW	0	0	0	0	0
pH Value (1:2.5 water extract)	units	6.5	6.3	6.5	7.2	6.3
Electrical Conductivity (1:2.5 water extract)	uS/cm	274	252	217	185	150
Electrical Conductivity (1:2 CaSO4 extract)	uS/cm	2130	2139	2160	2118	2093
Organic Matter (WB)	%	2.8	3.7	3.5	3.5	3.5
Total Nitrogen (Dumas)	%	0.17	0.21	0.20	0.26	0.10
Extractable Phosphorus	mg/l	48	29	7	12	8
Extractable Potassium	mg/l	179	174	102	76	142
Extractable Magnesium	mg/l	177	121	298	131	340

HCL = HEAVY CLAY LOAM

C = CLAY



TIM O'HARE ASSOCIATES
SOIL & LANDSCAPE CONSULTANCY

Client: **The Terra Firma Consultancy**
Project: **Mira Project**
Job: **Soil Resource Survey**
Date: **December 2010**
Job Ref No: **TOHA/10/2774/TW**

Sample Reference		Area 1 TH1	Area 2 TH30
Sample Description		Subsoil	Subsoil
Clay (<0.002mm)	%	44	44
Silt (0.002-0.063mm)	%	26	37
Sand (0.063-2.0mm)	%	30	19
Texture Class (UK Classification)	--	C	C
Stones (2-20mm)	% DW	1	1
Stones (20-50mm)	% DW	0	0
Stones (>50mm)	% DW	0	0
pH Value (1:2.5 water extract)	units	7.2	7.4
Electrical Conductivity (1:2.5 water extract)	uS/cm	165	161
Organic Matter (WB)	%	0.8	1.1

C = CLAY



TIM O'HARE ASSOCIATES
SOIL & LANDSCAPE CONSULTANCY

Oliver Cousins
Gavin Jones Ltd
Nursery Court
London Road
Windlesham
Surrey GU20 6LQ

28th November 2024
Our Ref: TOHA/24/1609/SS/Iss2
Your Ref: PO-10067798

Dear Sirs

Topsoil Analysis Report: L040 Mira Plot 9a/9b

We have completed the analysis of the soil samples recently submitted, referenced *Sample 1*, *Sample 2*, *Sample 3* and *Sample 4* for the Mira Plot 9a/9b project, and have pleasure reporting our findings.

The purpose of the analysis was to determine the suitability of the topsoil samples for the proposed landscape re-use. In addition, the samples have been assessed to determine their compliance with the requirements of Clause 610 (*Topsoil Analysis*) and Clause 610B (*Topsoil parameters*) of the supplied Landscape Specification (*The Terra Firma Consultancy Ltd – Horiba MIRA, Nuneaton – Plots 6, 8 & 9 – Doc Ref. 1238-TFC-00-ZZ-SP-L-7001 - September 2022*).

The samples have also been tested in accordance with the chemical contamination parameters listed in Appendix B (*Validation Criteria*) of the *Waterman MIRA Technology Park – LIF 2 Infrastructure, Land North of A5 Remediation Strategy*.

This report presents the results of analysis for the samples submitted to our office, and it should be considered 'indicative' of the subsoil source.

LANDSCAPE TYPES

The landscape design has not been provided for review. At this stage, we assume, the following landscape types are included:

- Tree planting;
- Shrub planting;
- Native woodland and hedge planting;
- Amenity grass;
- Species-rich wildflower grassland;
- Marginal planting;
- SuDS features.

These landscape environments will require a number of soil types (varying in terms of drainage characteristics and fertility status) in order to meet their demands. These are discussed further within the relevant section(s) of this report.

Tim O'Hare Associates LLP
Howbery Park Wallingford Oxfordshire OX10 8BA
T:01491 822653 E:info@toha.co.uk
www.toha.co.uk

SAMPLE EXAMINATION

The samples were reasonably consistent in appearance and were described as dark brown (Munsell Colour 7.5YR 3/2), slightly moist, slightly plastic, non-calcareous to very slightly calcareous MEDIUM CLAY LOAMS, with well developed, very fine to very coarse, granular and sub-angular blocky structures*.

The samples were virtually stone-free. Sample 1 contained one piece of plastic (<14mm) and Sample 4 contained one fragment of brick (<5mm). No unusual odours, other deleterious materials, roots or rhizomes of pernicious weeds were observed.

*This appraisal of soil structure was made from examination of a disturbed sample(s). Structure is a key soil characteristic that may only be accurately assessed by examination in an in-situ state.

ANALYTICAL SCHEDULE

The samples were submitted to a UKAS and MCERTS accredited laboratory for a range of physical and chemical tests to confirm the composition and fertility of the soil, and the concentration of selected potential contaminants. The following parameters were determined:

- detailed particle size analysis (5 sands, silt, clay);
- stone content (2-20mm, 20-50mm, >50mm);
- pH and electrical conductivity values;
- exchangeable sodium percentage;
- major plant nutrients (N, P, K, Mg);
- organic matter content;
- C:N ratio;
- heavy metals (As, B, Cd, Cr, Cu, Pb, Hg, Ni, Se, Zn);
- total cyanide and total (mono) phenols;
- speciated PAHs (US EPA16 suite);
- aromatic and aliphatic TPH (C5-C44 banding);
- benzene, toluene, ethylbenzene, xylene (BTEX);
- asbestos screen.

The results are presented on the attached Certificate of Analysis and an interpretation of the results is given below.

RESULTS OF ANALYSIS

Particle Size Analysis and Stone Content

The samples fell into the *medium clay loam* texture class, which is usually considered suitable for general landscape applications provided the soil's physical condition is satisfactory.

Such soils usually have good water and nutrient retention capacities, but they are also prone to structural degradation and compaction during handling, and especially when plastic in consistency. Any damage to the structural condition of this soil is likely to reduce its drainage and aeration properties.

The clay content of all samples (23-25 %) exceeded the maximum specified limit values (18% clay) and the silt content of Sample 4 (36 %) just exceeded the maximum specified limit (35%) specified in the supplied landscape specification. The total sand content of all samples (40-42 %) fell below the minimum specified limit (50%) from the supplied landscape specification.

Further detailed particle size analysis found the samples to have 25 – 27% combined medium sand and fine sand fraction which fell below the minimum limit specified in the supplied landscape specification (40%).

The stone contents of the samples were low and, as such, stones should not restrict the use of the soil for general landscape purposes.

pH and Electrical Conductivity Values

The samples were slightly acid in reaction (pH 6.0 – 6.8), with pH values that would be considered ideal for general landscape purposes and were compliant with the specification.

The electrical conductivity (salinity) values (water and CaSO₄ extracts) were low, which indicates that soluble salts were not present at levels that would be harmful to plants.

Organic Matter and Fertility Status

In relation to the specified requirements for organic matter and major plant nutrients, the samples were adequately supplied with total nitrogen, extractable phosphorus and extractable magnesium and were deficient in organic matter content (3.1 – 3.4%) and extractable potassium (154 – 168 mg/l) which fell below their respective minimum thresholds.

The C:N ratios of the samples were acceptable for general landscape purposes and compliant with the specification.

Potential Contaminants

With reference to Appendix B of the supplied Waterman remediation strategy, of the potential contaminants determined, none was found at levels that exceeded their maximum specified values.

Phytotoxic Contaminants

Of the phytotoxic (toxic to plants) contaminants determined (copper, nickel, zinc), none was found at levels that exceeded the maximum permissible levels specified in *BS3882:2015 – Table 1*.

CONCLUSION

The purpose of the analysis was to determine the suitability of the topsoil samples for the proposed landscape re-use. In addition, the samples have been assessed to determine their compliance of the supplied Landscape Specification and Remediation Strategy.

From the soil examination and subsequent laboratory analysis, the samples were described as slightly acid, non-saline, non-calcareous medium clay loams with well-developed structures and low stone contents. The samples contained sufficient reserves of total nitrogen, extractable phosphorus and extractable magnesium and were deficient in organic matter and extractable potassium. Of the potential contaminants determined, none exceeded their respective guideline values.

The soils were largely compliant with the supplied landscape specification with the exception of the following parameters:

- clay content (*all samples*);
- silt content (*Sample 4 only*);
- fine sand and medium sand fractions (*all samples*);
- total sand content (*all samples*);
- organic matter content (*all samples*);
- extractable potassium content (*all samples*).

Based on our findings, the soil represented by these samples would be considered suitable for some of likely landscape purposes, provided the deficiencies identified are remedied by a suitable compost application and the physical condition of the soil is maintained. Given their medium soil texture, and vulnerability to physical degradation, they would not be suited to areas of amenity grass anticipated to receive high rates of foot traffic (if included). This topsoil is also not suitable for species-rich habitats and may not be suitable for swales – see further comments below.

On this occasion, these non-compliances are considered minor when reviewed in the context of all the other results. These can easily be remedied by a compost application.

Species-rich Habitats

With regard to establishment of species-rich habitats, including species-rich wildflower grassland, and marginal planting, the overall fertility status of the topsoil (based on its phosphorus content) considered to be high. As such, this topsoil is not suitable to re-use for the creation of species-rich habitats.

If this topsoil is used for this purpose, it would be unlikely to achieve high levels of floral diversity. It should also be borne in mind that the topsoil will have a significant existing seed bank which would require suitable management particularly during the establishment period in order to encourage the required species/sward development and prevent colonisation by aggressive species such as ryegrass, nettle and dock.

Swales

The selection of soils for use within swale features will depend on the necessary performance of the soils. For example, if they are to provide a specialist function such as bioretention or simply to slow rainwater run-off.

There is currently no information available on the required function of any swale systems or attenuation basins to comment on the suitability of the site soils for this purpose. Confirmation should be sought from the project engineer on the suitability of the soils for this purpose.

Summary of Soil Suitability

The following table summarises the suitability of the samples for the assumed landscape types. These are based on the proviso that's the soils have adequate soil structures and the organic matter and extractable potassium deficiencies are addressed.

Planting Environment		Topsoil
Tree Planting (extra heavy standards and semi-mature)		✓
Tree Planting (standards and heavy standards)		✓
Shrub Planting		✓
Native Woodland and Hedge Planting		✓
Amenity Grass	High footfall	X
	Low footfall	✓
Species-rich Wildflower Meadow		X
Marginal Planting		X
Swales		See section on Swales

- ✓ = Soil suited to this landscape type
 X = Soil not suited to this landscape type.

RECOMMENDATIONS

Compost Application

To address the deficiencies in organic matter and extractable potassium, we recommend applying and incorporating suitable compost (e.g. PAS100:2018 /Landscape Institute/WRAP grade (10mm screened) green compost) at a rate of **15%** by volume, ensuring the soil is dry and friable.

For planting purposes, the compost should be incorporated to a depth of 200mm and for grass areas the compost should be worked into the upper 100mm.

Soil Handling Recommendations

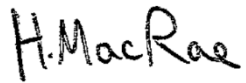
It is important to maintain the physical condition of the soil and avoid structural damage during all phases of soil handling (e.g. resspreading, cultivating, planting, seeding or turfing). As a consequence, soil handling operations should be carried out when soil is sufficiently dry to be non-plastic (friable) in consistency.

It is important to ensure that the soil is not unnecessarily compacted by trampling or trafficking by site machinery, and soil handling should be stopped during and after heavy rainfall and not continued until the soil is friable in consistency. If the soil is structurally damaged and compacted at any stage during the course of soiling or landscaping works, it should be cultivated appropriately to relieve the compaction and to restore the soil's structure prior to any planting, turfing or seeding.

Further guidance on the management, preparation and handling of soils is provided in the project land scape specification as well as the site *Soil Handling and Re-use Strategy*.

We hope this report meets with your approval and provides the necessary information. Please do not hesitate to contact the undersigned if we can be of further assistance.

Yours faithfully



Harriet MacRae
BSc MSc
Soil Scientist



Tim White
BSc MSc MISOilSci CSci
Senior Associate

For & on behalf of Tim O'Hare Associates LLP



Asbestos Screen	ND/D	ISO 17025
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< 0.005	< 0.005	< 0.005	< 0.005
< 0.005	< 0.005	< 0.005	< 0.005
< 0.005	< 0.005	< 0.005	< 0.005
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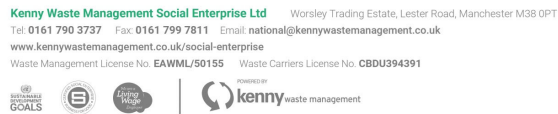
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H. MacRae

Harriet MacRae
BSc MSc
Soil Scientist

Tim O'Hare Associates LLP Howbery Park Wallingford Oxfordshire OX10 8BA www.toha.co.uk

Waste Records



Since 04/02/2024 till 04/12/2024

Wednesday 04 December 2024

				Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Total	
(P00015082), Plots 9A & 9B, Mira Technology Park, Watling Street, Nuneaton, CV10 0TU Total			Quantity		3.006		0.994	7.995	9.008	9.998	9.002	40.003	
			Weight (tonnes)		5.481		2.249	21.799	25.001	99.710	32.711	186.951	
			Total cost		920.40		306.80	2454.40	2454.41	2547.00	3757.66	12440.67	
Landfill	Mixed Construction & Demolition 17 09 04	12 (Open)	Quantity		0.217		0.071	0.668	0.720	0.393	0.387	2.456	
			Weight (tonnes)		0.015		0.005	0.045	0.072	0.080	0.046	0.263	
			Weight (%)		0.27%		0.22%	0.21%	0.29%	0.08%	0.14%	0.14%	
			Total cost		1.38		0.46	4.14	4.91	0.92	2.61	14.42	
		20 (Open RORO)	Quantity							0.130	0.268	0.398	
			Weight (tonnes)							0.012	0.024	0.036	
			Weight (%)							0.01%	0.07%	0.02%	
			Total cost							1.74	3.58	5.32	
		8 (Open)	Quantity						0.067			0.067	
			Weight (tonnes)						0.004			0.004	
			Weight (%)						0.02%			0.00%	
			Total cost										
		Grade Totals	Quantity		0.217		0.071	0.668	0.787	0.523	0.655	2.921	
			Weight (tonnes)		0.015		0.005	0.045	0.076	0.092	0.070	0.303	
			Weight (%)		0.27%		0.22%	0.21%	0.30%	0.09%	0.21%	0.16%	
			Total cost		1.38		0.46	4.14	4.91	2.66	6.19	19.74	
		Split total	Quantity		0.217		0.071	0.668	0.787	0.523	0.655	2.921	
			Weight (tonnes)		0.015		0.005	0.045	0.076	0.092	0.070	0.303	
			Weight (%)		0.27%		0.22%	0.21%	0.30%	0.09%	0.21%	0.16%	
			Total cost		1.38		0.46	4.14	4.91	2.66	6.19	19.74	
	Recovered	Mixed Construction & Demolition 17 09 04	12 (Open)	Quantity		1.085		0.355	2.810	2.880	2.161	1.753	11.044
				Weight (tonnes)		2.184		0.798	6.215	9.179	14.789	6.551	39.716
				Weight (%)		39.85%		35.48%	28.51%	36.71%	14.83%	20.03%	21.24%
				Total cost		361.41		116.12	961.51	1032.08	207.70	594.89	3273.71
20 (Open RORO)			Quantity							0.650	1.399	2.049	
			Weight (tonnes)							1.742	3.511	5.253	
			Weight (%)							1.75%	10.73%	2.81%	
			Total cost							421.64	834.94	1256.58	
8 (Open)			Quantity						0.402			0.402	
			Weight (tonnes)						0.698			0.698	
			Weight (%)						2.79%			0.37%	
			Total cost										
Grade Totals			Quantity		1.085		0.355	2.810	3.282	2.811	3.152	13.495	
			Weight (tonnes)		2.184		0.798	6.215	9.877	16.531	10.062	45.667	
			Weight (%)		39.85%		35.48%	28.51%	39.51%	16.58%	30.76%	24.43%	
			Total cost		361.41		116.12	961.51	1032.08	629.34	1429.83	4530.29	

	Split total		Quantity		1.085		0.355	2.810	3.282	2.811	3.152	13.495
			Weight (tonnes)		2.184		0.798	6.215	9.877	16.531	10.062	45.667
			Weight (%)		39.85%		35.48%	28.51%	39.51%	16.58%	30.76%	24.43%
			Total cost		361.41		116.12	961.51	1032.08	629.34	1429.83	4530.29
Recycled	Mixed Construction & Demolition 17 09 04	12 (Open)	Quantity		1.704		0.568	4.517	4.403	5.447	2.866	19.505
			Weight (tonnes)		3.282		1.446	15.539	13.949	80.461	15.173	129.850
			Weight (%)		59.88%		64.30%	71.28%	55.79%	80.70%	46.39%	69.46%
			Total cost		557.61		190.22	1488.75	1417.42	1325.38	936.51	5915.89
		20 (Open RORO)	Quantity							1.217	2.329	3.546
			Weight (tonnes)							2.626	7.406	10.032
			Weight (%)							2.63%	22.64%	5.37%
			Total cost							589.62	1385.13	1974.75
		8 (Open)	Quantity						0.536			0.536
			Weight (tonnes)						1.099			1.099
			Weight (%)						4.40%			0.59%
			Total cost									
		Grade Totals	Quantity		1.704		0.568	4.517	4.939	6.664	5.195	23.587
			Weight (tonnes)		3.282		1.446	15.539	15.048	83.087	22.579	140.981
			Weight (%)		59.88%		64.30%	71.28%	60.19%	83.33%	69.03%	75.41%
			Total cost		557.61		190.22	1488.75	1417.42	1915.00	2321.64	7890.64
	Split total		Quantity		1.704		0.568	4.517	4.939	6.664	5.195	23.587
			Weight (tonnes)		3.282		1.446	15.539	15.048	83.087	22.579	140.981
			Weight (%)		59.88%		64.30%	71.28%	60.19%	83.33%	69.03%	75.41%
			Total cost		557.61		190.22	1488.75	1417.42	1915.00	2321.64	7890.64
Leeds City College Mabgate Campus, 74-76 Mabgate, Leeds, LS9 7EA			Quantity	6.998	7.009	6.003	10.023	14.998	12.011	13.996	7.010	78.048
			Weight (tonnes)	3.960	3.565	3.599	12.380	15.886	17.100	24.300	12.340	93.130
			Total cost	531.44	354.68	651.44	1325.48	1694.68	1646.84	2371.08	1561.56	10137.20
Total												
Landfill	Mixed Construction & Demolition 17 09 04	8 (Enclosed)	Quantity	0.059								0.059
			Weight (tonnes)	0.003								0.003
			Weight (%)	0.08%								0.00%
			Total cost									
		8 (Open)	Quantity	0.162	0.154	0.059	0.390	0.543	0.532	0.714	0.517	3.071
			Weight (tonnes)	0.009	0.012	0.003	0.146	0.029	0.037	0.056	0.032	0.324
			Weight (%)	0.23%	0.34%	0.08%	1.18%	0.18%	0.22%	0.23%	0.26%	0.35%
			Total cost	0.89	0.50	0.22	12.60	2.09	2.23	3.76	2.23	24.52
		Grade Totals	Quantity	0.221	0.154	0.059	0.390	0.543	0.532	0.714	0.517	3.130
			Weight (tonnes)	0.012	0.012	0.003	0.146	0.029	0.037	0.056	0.032	0.327
			Weight (%)	0.30%	0.34%	0.08%	1.18%	0.18%	0.22%	0.23%	0.26%	0.35%
			Total cost	0.89	0.50	0.22	12.60	2.09	2.23	3.76	2.23	24.52
	Mixed Municipal Waste 20 03 01	1100 (Wheelie)	Quantity	2.000	2.500							4.500
			Weight (tonnes)	0.003	0.003							0.006
			Weight (%)	0.08%	0.08%							0.01%
			Total cost	0.85	1.07							1.92
		Grade Totals	Quantity	2.000	2.500							4.500
			Weight (tonnes)	0.003	0.003							0.006
			Weight (%)	0.08%	0.08%							0.01%
			Total cost	0.85	1.07							1.92
Split total		Quantity	2.221	2.654	0.059	0.390	0.543	0.532	0.714	0.517	7.630	
		Weight (tonnes)	0.015	0.015	0.003	0.146	0.029	0.037	0.056	0.032	0.333	
		Weight (%)	0.38%	0.42%	0.08%	1.18%	0.18%	0.22%	0.23%	0.26%	0.36%	

			Total cost	1.74	1.57	0.22	12.60	2.09	2.23	3.76	2.23	26.44
Recovered	Mixed Constructio n & Demolition 17 09 04	8 (Enclosed)	Quantity	0.354								0.354
			Weight (tonnes)	0.479								0.479
			Weight (%)	12.10%								0.51%
			Total cost									
		8 (Open)	Quantity	0.719	0.742	0.854	1.824	2.375	2.782	3.518	2.671	15.485
			Weight (tonnes)	1.207	1.548	2.212	3.562	3.829	5.743	8.347	5.134	31.582
			Weight (%)	30.48%	43.42%	61.46%	28.77%	24.10%	33.58%	34.35%	41.60%	33.91%
			Total cost	204.90	104.76	401.13	446.94	453.11	582.24	924.63	659.20	3776.91
		Grade Totals	Quantity	1.073	0.742	0.854	1.824	2.375	2.782	3.518	2.671	15.839
			Weight (tonnes)	1.686	1.548	2.212	3.562	3.829	5.743	8.347	5.134	32.061
			Weight (%)	42.58%	43.42%	61.46%	28.77%	24.10%	33.58%	34.35%	41.60%	34.43%
			Total cost	204.90	104.76	401.13	446.94	453.11	582.24	924.63	659.20	3776.91
	Mixed Municipal Waste 20 03 01	1100 (Wheelie)	Quantity	2.000	2.500	2.000	2.000	2.500	2.000	2.000		15.000
			Weight (tonnes)	0.257	0.322	0.234	0.234	0.293	0.234	0.234		1.808
			Weight (%)	6.49%	9.03%	6.50%	1.89%	1.84%	1.37%	0.96%		1.94%
			Total cost	84.43	105.53	76.75	76.75	95.94	76.75	76.75		592.90
		Grade Totals	Quantity	2.000	2.500	2.000	2.000	2.500	2.000	2.000		15.000
			Weight (tonnes)	0.257	0.322	0.234	0.234	0.293	0.234	0.234		1.808
			Weight (%)	6.49%	9.03%	6.50%	1.89%	1.84%	1.37%	0.96%		1.94%
			Total cost	84.43	105.53	76.75	76.75	95.94	76.75	76.75		592.90
		Split total	Quantity	3.073	3.242	2.854	3.824	4.875	4.782	5.518	2.671	30.839
			Weight (tonnes)	1.943	1.870	2.446	3.796	4.122	5.977	8.581	5.134	33.869
			Weight (%)	49.07%	52.45%	67.96%	30.66%	25.95%	34.95%	35.31%	41.60%	36.37%
			Total cost	289.33	210.29	477.88	523.69	549.05	658.99	1001.38	659.20	4369.81
Recycled	Mixed Constructio n & Demolition 17 09 04	8 (Enclosed)	Quantity	0.590								0.590
			Weight (tonnes)	0.618								0.618
			Weight (%)	15.61%								0.66%
			Total cost									
		8 (Open)	Quantity	1.114	1.113	1.090	2.809	4.080	4.697	5.764	3.822	24.489
			Weight (tonnes)	1.384	1.680	1.124	5.672	6.622	11.060	15.637	7.174	50.353
			Weight (%)	34.95%	47.12%	31.23%	45.82%	41.68%	64.68%	64.35%	58.14%	54.07%
			Total cost	240.37	142.82	164.81	655.86	758.48	977.09	1357.41	900.13	5196.97
		Grade Totals	Quantity	1.704	1.113	1.090	2.809	4.080	4.697	5.764	3.822	25.079
			Weight (tonnes)	2.002	1.680	1.124	5.672	6.622	11.060	15.637	7.174	50.971
			Weight (%)	50.56%	47.12%	31.23%	45.82%	41.68%	64.68%	64.35%	58.14%	54.73%
			Total cost	240.37	142.82	164.81	655.86	758.48	977.09	1357.41	900.13	5196.97
	Mixed Metals 17 04 07	8 (Open)	Quantity				1.000	3.000				4.000
			Weight (tonnes)				2.740	5.080				7.820
			Weight (%)				22.13%	31.98%				8.40%
			Total cost				124.80	374.40				499.20
		Grade Totals	Quantity				1.000	3.000				4.000
			Weight (tonnes)				2.740	5.080				7.820
			Weight (%)				22.13%	31.98%				8.40%
			Total cost				124.80	374.40				499.20
	Mixed Municipal Waste 20 03 01	1100 (Wheelie)	Quantity			2.000	2.000	2.500	2.000	2.000		10.500
			Weight (tonnes)			0.026	0.026	0.033	0.026	0.026		0.137
			Weight (%)			0.72%	0.21%	0.21%	0.15%	0.11%		0.15%
			Total cost			8.53	8.53	10.66	8.53	8.53		44.78
		Grade Totals	Quantity			2.000	2.000	2.500	2.000	2.000		10.500

			Weight (tonnes)			0.026	0.026	0.033	0.026	0.026		0.137	
			Weight (%)			0.72%	0.21%	0.21%	0.15%	0.11%		0.15%	
			Total cost			8.53	8.53	10.66	8.53	8.53		44.78	
	Split total		Quantity	1.704	1.113	3.090	5.809	9.580	6.697	7.764	3.822	39.579	
			Weight (tonnes)	2.002	1.680	1.150	8.438	11.735	11.086	15.663	7.174	58.928	
			Weight (%)	50.56%	47.12%	31.95%	68.16%	73.87%	64.83%	64.46%	58.14%	63.27%	
			Total cost	240.37	142.82	173.34	789.19	1143.54	985.62	1365.94	900.13	5740.95	
	Plot B, Capitol Park, Tom Pudding Way, Goole, DN14 8GA			Quantity	14.008	25.014	17.003					56.025	
				Weight (tonnes)	33.154	72.385	45.756						151.295
				Total cost	3624.86	4114.83	2429.64						10169.33
	Total												
	Landfill	Mixed Constructio n & Demolition 17 09 04	14 (Open)	Quantity	0.193	0.077							0.270
Weight (tonnes)				0.021	0.016							0.037	
Weight (%)				0.06%	0.02%							0.02%	
Total cost				1.78								1.78	
8 (Enclosed)			Quantity	0.071	0.067	0.134						0.272	
			Weight (tonnes)	0.009	0.007	0.095						0.111	
			Weight (%)	0.03%	0.01%	0.21%						0.07%	
			Total cost	0.48								0.48	
8 (Open)			Quantity	0.515	1.384	1.011						2.910	
			Weight (tonnes)	0.043	0.171	0.124						0.338	
			Weight (%)	0.13%	0.24%	0.27%						0.22%	
			Total cost	2.51	6.48	4.77						13.76	
Grade Totals			Quantity	0.779	1.528	1.145						3.452	
			Weight (tonnes)	0.073	0.194	0.219						0.486	
			Weight (%)	0.22%	0.27%	0.48%						0.32%	
			Total cost	4.77	6.48	4.77						16.02	
Mixed Municipal Waste 20 03 01		1 (Caged Van)	Quantity		0.091							0.091	
			Weight (tonnes)		0.001							0.001	
			Weight (%)		0.00%							0.00%	
			Total cost										
		Grade Totals	Quantity		0.091							0.091	
			Weight (tonnes)		0.001							0.001	
			Weight (%)		0.00%							0.00%	
			Total cost										
Split total			Quantity	0.779	1.619	1.145						3.543	
			Weight (tonnes)	0.073	0.195	0.219						0.487	
			Weight (%)	0.22%	0.27%	0.48%						0.32%	
			Total cost	4.77	6.48	4.77						16.02	
	Mixed Constructio n & Demolition 17 09 04	14 (Open)	Quantity	1.024	0.308							1.332	
			Weight (tonnes)	3.131	2.115							5.246	
			Weight (%)	9.44%	2.92%							3.47%	
			Total cost	421.48								421.48	
		8 (Enclosed)	Quantity	0.355	0.335	0.402						1.092	
			Weight (tonnes)	1.326	0.976	1.208						3.510	
			Weight (%)	4.00%	1.35%	2.64%						2.32%	
			Total cost	108.72								108.72	
		8 (Open)	Quantity	2.332	5.942	4.525						12.799	
			Weight (tonnes)	6.215	22.826	16.572						45.613	
			Weight (%)	18.75%	31.53%	36.22%						30.15%	
			Total cost	610.30	1435.44	1074.66						3120.40	

Recovered	Mixed Municipal Waste 20 03 01	Grade Totals	Quantity	3.711	6.585	4.927						15.223
			Weight (tonnes)	10.672	25.917	17.780						54.369
			Weight (%)	32.19%	35.80%	38.86%						35.94%
			Total cost	1140.50	1435.44	1074.66						3650.60
		1 (Caged Van)	Quantity		0.455							0.455
			Weight (tonnes)		0.193							0.193
			Weight (%)		0.27%							0.13%
			Total cost									
		1100 (Wheelie)	Quantity	2.000	2.000	2.000						6.000
			Weight (tonnes)	0.014	0.077	0.140						0.231
			Weight (%)	0.04%	0.11%	0.31%						0.15%
			Total cost	42.84	42.84	42.84						128.52
		Grade Totals	Quantity	2.000	2.455	2.000						6.455
			Weight (tonnes)	0.014	0.270	0.140						0.424
			Weight (%)	0.04%	0.37%	0.31%						0.28%
			Total cost	42.84	42.84	42.84						128.52
	Wood from Constructio n 17 02 01	14 (Open)	Quantity		0.333							0.333
			Weight (tonnes)		0.140							0.140
			Weight (%)		0.19%							0.09%
			Total cost									
		Grade Totals	Quantity		0.333							0.333
			Weight (tonnes)		0.140							0.140
			Weight (%)		0.19%							0.09%
			Total cost									
	Split total		Quantity	5.711	9.373	6.927						22.011
			Weight (tonnes)	10.686	26.327	17.920						54.933
			Weight (%)	32.23%	36.37%	39.16%						36.31%
			Total cost	1183.34	1478.28	1117.50						3779.12
	Concrete Washout 17 01 01	8 (Open)	Quantity			1.000						1.000
			Weight (tonnes)			1.890						1.890
			Weight (%)			4.13%						1.25%
			Total cost									
		Grade Totals	Quantity			1.000						1.000
			Weight (tonnes)			1.890						1.890
			Weight (%)			4.13%						1.25%
			Total cost									
	Mixed Constructio n & Demolition 17 09 04	14 (Open)	Quantity	1.796	0.616							2.412
			Weight (tonnes)	4.918	2.949							7.867
			Weight (%)	14.83%	4.07%							5.20%
			Total cost	643.78								643.78
		8 (Enclosed)	Quantity	0.568	0.603	0.469						1.640
			Weight (tonnes)	1.775	1.737	1.417						4.929
			Weight (%)	5.35%	2.40%	3.10%						3.26%
			Total cost	129.48								129.48
		8 (Open)	Quantity	4.155	9.683	7.462						21.300
			Weight (tonnes)	11.582	34.341	24.310						70.233
			Weight (%)	34.93%	47.44%	53.13%						46.42%
			Total cost	1057.95	1974.61	1307.37						4339.93
		Grade Totals	Quantity	6.519	10.902	7.931						25.352
			Weight (tonnes)	18.275	39.027	25.727						83.029

			Weight (tonnes)	0.080								0.080
			Weight (%)	0.25%								0.24%
			Total cost	2.71								2.71
	Split total		Quantity	0.652								0.652
			Weight (tonnes)	0.080								0.080
			Weight (%)	0.25%								0.24%
			Total cost	2.71								2.71
Recovered	Mixed Constructio n & Demolition 17 09 04	14 (Open)	Quantity	1.898								1.898
			Weight (tonnes)	7.398								7.398
			Weight (%)	22.67%								22.54%
			Total cost	231.47								231.47
		30 (Open RORO)	Quantity	0.429								0.429
			Weight (tonnes)	6.816								6.816
			Weight (%)	20.88%								20.77%
			Total cost	809.19								809.19
		Grade Totals	Quantity	2.327								2.327
			Weight (tonnes)	14.214								14.214
			Weight (%)	43.55%								43.31%
			Total cost	1040.66								1040.66
	Mixed Municipal Waste 20 03 01	1100 (Wheelie)	Quantity	4.000	3.000							7.000
			Weight (tonnes)	0.240	0.180							0.420
			Weight (%)	0.74%	100.00%							1.28%
			Total cost	100.88	80.64							181.52
		Grade Totals	Quantity	4.000	3.000							7.000
			Weight (tonnes)	0.240	0.180							0.420
			Weight (%)	0.74%	100.00%							1.28%
			Total cost	100.88	80.64							181.52
	Split total		Quantity	6.327	3.000							9.327
			Weight (tonnes)	14.454	0.180							14.634
			Weight (%)	44.28%	100.00%							44.59%
			Total cost	1141.54	80.64							1222.18
Recycled	Mixed Constructio n & Demolition 17 09 04	14 (Open)	Quantity	2.590								2.590
			Weight (tonnes)	11.615								11.615
			Weight (%)	35.59%								35.39%
			Total cost	311.44								311.44
		30 (Open RORO)	Quantity	0.429								0.429
			Weight (tonnes)	6.490								6.490
			Weight (%)	19.88%								19.78%
			Total cost	810.81								810.81
		Grade Totals	Quantity	3.019								3.019
			Weight (tonnes)	18.105								18.105
			Weight (%)	55.47%								55.17%
			Total cost	1122.25								1122.25
	Split total		Quantity	3.019								3.019
			Weight (tonnes)	18.105								18.105
			Weight (%)	55.47%								55.17%
			Total cost	1122.25								1122.25
				Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Total
	Total	Weight (tonnes)	69.756	81.610	49.355	14.629	37.685	42.100	124.010	45.051	464.196	
		Total cost	6422.80	5470.54	3081.08	1632.28	4149.08	4101.25	4918.08	5319.22	35094.33	

All Sites	Landfill	Weight (tonnes)	0.169	0.224	0.222	0.151	0.074	0.113	0.148	0.102	1.203
		Weight (%)	0.24%	0.27%	0.45%	1.03%	0.20%	0.27%	0.12%	0.23%	0.26%
		Total cost	9.22	9.42	5.00	13.06	6.23	7.14	6.42	8.42	64.91
	Recovered	Weight (tonnes)	27.084	30.561	20.366	4.594	10.337	15.854	25.112	15.196	149.104
		Weight (%)	38.83%	37.45%	41.26%	31.40%	27.43%	37.66%	20.25%	33.73%	32.12%
		Total cost	2614.21	2130.62	1595.37	639.81	1510.56	1691.07	1630.72	2089.03	13901.39
	Recycled	Weight (tonnes)	42.503	50.825	28.767	9.884	27.274	26.133	98.750	29.753	313.889
		Weight (%)	60.93%	62.28%	58.29%	67.56%	72.37%	62.07%	79.63%	66.04%	67.62%
		Total cost	3799.37	3330.50	1480.71	979.41	2632.29	2403.04	3280.94	3221.77	21128.03

Material Type, area cover and thickness	Quantity Kgs	Supplier or source location	Source, reuse or disposal location	Consignment Reference
Imported Soil				
Fill Sand	19000	H.D. Ricketts Ltd	Weeford Quarry	122406
93	19760	H.D. Ricketts Ltd	Weeford Quarry	1602
Type 1				
Type 1 IBAA	1872	H.D. Ricketts Ltd	Weeford Quarry	37397
Type 1 IBAA	19100	H.D. Ricketts Ltd	Weeford Quarry	37517
Type 1 IBAA	19280	H.D. Ricketts Ltd	Weeford Quarry	1636
Type 1 IBAA	18600	H.D. Ricketts Ltd	Weeford Quarry	1648
Type 1 IBAA	19380	H.D. Ricketts Ltd	Weeford Quarry	37516
Type 1 IBAA	18640	H.D. Ricketts Ltd	Weeford Quarry	w1651
Type 1 IBAA	19660	H.D. Ricketts Ltd	Weeford Quarry	1678
Type 1 IBAA	19600	H.D. Ricketts Ltd	Weeford Quarry	37515
Type 1 IBAA	19580	H.D. Ricketts Ltd	Weeford Quarry	w1635
Type 1 IBAA	19560	H.D. Ricketts Ltd	Weeford Quarry	W1647
Type 1 IBAA	19000	H.D. Ricketts Ltd	Weeford Quarry	37520
Type 1 IBAA	18860	H.D. Ricketts Ltd	Weeford Quarry	1643
Type 1 IBAA	19900	H.D. Ricketts Ltd	Weeford Quarry	Ling Hall W 1649
Type 1 IBAA	19840	H.D. Ricketts Ltd	Weeford Quarry	lgo-w1645
Type 1 IBAA	19380	H.D. Ricketts Ltd	Weeford Quarry	41201
Type 1 IBAA	19320	H.D. Ricketts Ltd	Weeford Quarry	1674
Type 1 IBAA	19320	H.D. Ricketts Ltd	Weeford Quarry	1684
Type 1 IBAA	19280	H.D. Ricketts Ltd	Weeford Quarry	1691
Type 1 IBAA	19400	H.D. Ricketts Ltd	Weeford Quarry	90229
Type 1 IBAA	19040	H.D. Ricketts Ltd	Weeford Quarry	w1700
Type 1 IBAA	19840	H.D. Ricketts Ltd	Weeford Quarry	LGO-W1685
Type 1 IBAA	18980	H.D. Ricketts Ltd	Weeford Quarry	1687
Type 1 IBAA	19380	H.D. Ricketts Ltd	Weeford Quarry	
Type 1 IBAA	19460	H.D. Ricketts Ltd	Weeford Quarry	W1689
Type 1 IBAA	19400	H.D. Ricketts Ltd	Weeford Quarry	1690
Type 1 IBAA	19400	H.D. Ricketts Ltd	Weeford Quarry	lwo w1724
Type 1 IBAA	19300	H.D. Ricketts Ltd	Weeford Quarry	lgo-w1745
Type 1 IBAA	19900	H.D. Ricketts Ltd	Weeford Quarry	1677
Type 1 IBAA	19820	H.D. Ricketts Ltd	Weeford Quarry	go w1681
Type 1 IBAA	19660	H.D. Ricketts Ltd	Weeford Quarry	1682
Type 1 IBAA	19680	H.D. Ricketts Ltd	Weeford Quarry	lgo w1670
Type 1 IBAA	19820	H.D. Ricketts Ltd	Weeford Quarry	1671
Type 1 IBAA	19780	H.D. Ricketts Ltd	Weeford Quarry	1742
Type 1 IBAA	19160	H.D. Ricketts Ltd	Weeford Quarry	w1731/41201
Type 1 IBAA	19380	H.D. Ricketts Ltd	Weeford Quarry	w1737

Type 1 IBAA	19860	H.D. Ricketts Ltd	Weeford Quarry	1732
Type 1 IBAA	19320	H.D. Ricketts Ltd	Weeford Quarry	lgo w1702
Type 1 IBAA	19240	H.D. Ricketts Ltd	Weeford Quarry	LGO-W1725
Type 1 IBAA	19540	H.D. Ricketts Ltd	Weeford Quarry	LGO-W1728
Type 1 IBAA	19880	H.D. Ricketts Ltd	Weeford Quarry	Ling Hall W 1727
Type 1 IBAA	19840	H.D. Ricketts Ltd	Weeford Quarry	lgo-w1714
Type 1 IBAA	19940	H.D. Ricketts Ltd	Weeford Quarry	Ling Hall W 1712
Type 1 IBAA	19860	H.D. Ricketts Ltd	Weeford Quarry	w1740
Type 1 IBAA	20120	H.D. Ricketts Ltd	Weeford Quarry	W-1747
Type 1 IBAA	19740	H.D. Ricketts Ltd	Weeford Quarry	1719
Type 1 IBAA	18980	H.D. Ricketts Ltd	Weeford Quarry	W1739
Type 1 IBAA	19600	H.D. Ricketts Ltd	Weeford Quarry	LGO-W1720
Type 1 IBAA	19720	H.D. Ricketts Ltd	Weeford Quarry	Lgo w1741
Type 1 IBAA	18680	H.D. Ricketts Ltd	Weeford Quarry	AGG
Type 1 IBAA	19660	H.D. Ricketts Ltd	Weeford Quarry	1710
Type 1 IBAA	19520	H.D. Ricketts Ltd	Weeford Quarry	w1746
Type 1 IBAA	20020	H.D. Ricketts Ltd	Weeford Quarry	W1758
Type 1 IBAA	19180	H.D. Ricketts Ltd	Weeford Quarry	1761
Type 1 IBAA	19000	H.D. Ricketts Ltd	Weeford Quarry	1762
Type 1 IBAA	19180	H.D. Ricketts Ltd	Weeford Quarry	1765
Type 1 IBAA	19440	H.D. Ricketts Ltd	Weeford Quarry	1772
Type 1 IBAA	19300	H.D. Ricketts Ltd	Weeford Quarry	1776
Type 1 IBAA	19760	H.D. Ricketts Ltd	Weeford Quarry	37701
Type 1 IBAA	19820	H.D. Ricketts Ltd	Weeford Quarry	Ling Hall W1813
Type 1 IBAA	20120	H.D. Ricketts Ltd	Weeford Quarry	w1773
Type 1 IBAA	19580	H.D. Ricketts Ltd	Weeford Quarry	41201
Type 1 IBAA	19640	H.D. Ricketts Ltd	Weeford Quarry	1816
Type 1 IBAA	19820	H.D. Ricketts Ltd	Weeford Quarry	w1817
Type 1 IBAA	19860	H.D. Ricketts Ltd	Weeford Quarry	w1818
Type 1 IBAA	19640	H.D. Ricketts Ltd	Weeford Quarry	w1815
Type 1 IBAA	19440	H.D. Ricketts Ltd	Weeford Quarry	lgo w1777
Type 1 IBAA	19400	H.D. Ricketts Ltd	Weeford Quarry	1783
Type 1 IBAA	19600	H.D. Ricketts Ltd	Weeford Quarry	1796
Type 1 IBAA	20000	H.D. Ricketts Ltd	Weeford Quarry	w1794
Type 1 IBAA	19620	H.D. Ricketts Ltd	Weeford Quarry	lgo-w1754
Type 1 IBAA	18920	H.D. Ricketts Ltd	Weeford Quarry	w1802
Type 1 IBAA	19780	H.D. Ricketts Ltd	Weeford Quarry	1768
Type 1 IBAA	19640	H.D. Ricketts Ltd	Weeford Quarry	LGO-W1757
Type 1 IBAA	19620	H.D. Ricketts Ltd	Weeford Quarry	1804
Type 1 IBAA	19840	H.D. Ricketts Ltd	Weeford Quarry	1809
Type 1 IBAA	19560	H.D. Ricketts Ltd	Weeford Quarry	w1759

Type 1 IBAA	19720	H.D. Ricketts Ltd	Weeford Quarry	lgo-w1752
Type 1 IBAA	19880	H.D. Ricketts Ltd	Weeford Quarry	w1756
Type 1 IBAA	20000	H.D. Ricketts Ltd	Weeford Quarry	1755
Type 1 IBAA	19200	H.D. Ricketts Ltd	Weeford Quarry	1751
Type 1 IBAA	19780	H.D. Ricketts Ltd	Weeford Quarry	1748
Type 1 IBAA	20000	H.D. Ricketts Ltd	Weeford Quarry	w1760
Type 1 IBAA	19720	H.D. Ricketts Ltd	Weeford Quarry	w1744/190112
Type 1 IBAA	19420	H.D. Ricketts Ltd	Weeford Quarry	37702
Type 1 IBAA	19700	H.D. Ricketts Ltd	Weeford Quarry	37705
Type 1 IBAA	19820	H.D. Ricketts Ltd	Weeford Quarry	37710
Type 1 IBAA	18680	H.D. Ricketts Ltd	Weeford Quarry	37584
Type 1 IBAA	18520	H.D. Ricketts Ltd	Weeford Quarry	37597
Type 1 IBAA	18640	H.D. Ricketts Ltd	Weeford Quarry	37609
Type 1 IBAA	19820	H.D. Ricketts Ltd	Weeford Quarry	37607
Type 1 IBAA	19700	H.D. Ricketts Ltd	Weeford Quarry	37594
Type 1 IBAA	19740	H.D. Ricketts Ltd	Weeford Quarry	50179
Type 1 IBAA	19560	H.D. Ricketts Ltd	Weeford Quarry	37586
Type 1 IBAA	19720	H.D. Ricketts Ltd	Weeford Quarry	37598
Type 1 IBAA	19440	H.D. Ricketts Ltd	Weeford Quarry	37611
Type 1 IBAA	19480	H.D. Ricketts Ltd	Weeford Quarry	50179
Type 1 IBAA	19460	H.D. Ricketts Ltd	Weeford Quarry	37605
Type 1 IBAA	19560	H.D. Ricketts Ltd	Weeford Quarry	37618
Type 1 IBAA	19700	H.D. Ricketts Ltd	Weeford Quarry	37583
Type 1 IBAA	19440	H.D. Ricketts Ltd	Weeford Quarry	37595
Type 1 IBAA	19100	H.D. Ricketts Ltd	Weeford Quarry	37606
Type 1 IBAA	19460	H.D. Ricketts Ltd	Weeford Quarry	37593
Type 1 IBAA	1968	H.D. Ricketts Ltd	Weeford Quarry	50179/554525
Type 1 IBAA	1986	H.D. Ricketts Ltd	Weeford Quarry	50179/554526
Type 1 IBAA	1898	H.D. Ricketts Ltd	Weeford Quarry	50179/554527
Type 1 IBAA	1974	H.D. Ricketts Ltd	Weeford Quarry	50179/554528
Type 1 IBAA	1950	H.D. Ricketts Ltd	Weeford Quarry	50179/554870
Type 1 IBAA	1906	H.D. Ricketts Ltd	Weeford Quarry	50179/554876
Type 1 IBAA	1942	H.D. Ricketts Ltd	Weeford Quarry	50179/554882
Type 1 IBAA	1822	H.D. Ricketts Ltd	Weeford Quarry	557682
Type 1 IBAA	1834	H.D. Ricketts Ltd	Weeford Quarry	557683
Type 1 IBAA	1992	H.D. Ricketts Ltd	Weeford Quarry	50179/220616
Type 1 IBAA	1988	H.D. Ricketts Ltd	Weeford Quarry	50179/220617
Sum Type 1 from Weeford Quarry	1993372			
Type 1 IBAA	1850	H.D. Ricketts Ltd	Blue Phoenix	557684
Type 1 IBAA	1902	H.D. Ricketts Ltd	Blue Phoenix	557685
Type 1 IBAA	1900	H.D. Ricketts Ltd	Blue Phoenix	557686

Type 1 IBAA	20140 tonnes	H.D. Ricketts Ltd	Blue Phoenix	50179/554529
Type 1 IBAA	20360 tonnes	H.D. Ricketts Ltd	Blue Phoenix	50179/554530
Type 1 IBAA	20320	H.D. Ricketts Ltd	Blue Phoenix	50179/554531
Type 1 IBAA	1816	H.D. Ricketts Ltd	Blue Phoenix	50179/37577
Type 1 IBAA	1886	H.D. Ricketts Ltd	Blue Phoenix	50179/554538
Type 1 IBAA	1750	H.D. Ricketts Ltd	Blue Phoenix	50179/554539
Type 1 IBAA	1858	H.D. Ricketts Ltd	Blue Phoenix	50179/554922
Type 1 IBAA	1878	H.D. Ricketts Ltd	Blue Phoenix	554924
Type 1 IBAA	1960	H.D. Ricketts Ltd	Blue Phoenix	554926
Type 1 IBAA	1870	H.D. Ricketts Ltd	Blue Phoenix	50179/554950
Type 1 IBAA	1936	H.D. Ricketts Ltd	Blue Phoenix	50179/557121
Type 1 IBAA	1946	H.D. Ricketts Ltd	Blue Phoenix	50179/557122
Type 1 IBAA	1952	H.D. Ricketts Ltd	Blue Phoenix	50179/557123
Type 1 IBAA	1918	H.D. Ricketts Ltd	Blue Phoenix	50179/557137
Type 1 IBAA	1970	H.D. Ricketts Ltd	Blue Phoenix	50179/557138
Type 1 IBAA	1966	H.D. Ricketts Ltd	Blue Phoenix	50179/557139
Type 1 IBAA	1942	H.D. Ricketts Ltd	Blue Phoenix	50179/557140
Type 1 IBAA	1954	H.D. Ricketts Ltd	Blue Phoenix	50179/557141
Type 1 IBAA	1950	H.D. Ricketts Ltd	Blue Phoenix	50179/557142
Type 1 IBAA	1974	H.D. Ricketts Ltd	Blue Phoenix	50179/557143
Type 1 IBAA	1958	H.D. Ricketts Ltd	Blue Phoenix	50179/557144
Type 1 IBAA	1958	H.D. Ricketts Ltd	Blue Phoenix	50179/557145
Type 1 IBAA	1926	H.D. Ricketts Ltd	Blue Phoenix	50179/557146
Type 1 IBAA	1976	H.D. Ricketts Ltd	Blue Phoenix	50179/557147
Type 1 IBAA	1916	H.D. Ricketts Ltd	Blue Phoenix	50179/557148
Type 1 IBAA	1996	H.D. Ricketts Ltd	Blue Phoenix	557163/557628
Type 1 IBAA	1800	H.D. Ricketts Ltd	Blue Phoenix	557164
Type 1 IBAA	1770	H.D. Ricketts Ltd	Blue Phoenix	557165
Type 1 IBAA	1870	H.D. Ricketts Ltd	Blue Phoenix	557167
Type 1 IBAA	1866	H.D. Ricketts Ltd	Blue Phoenix	50179/557168
Type 1 IBAA	1844	H.D. Ricketts Ltd	Blue Phoenix	50179/557169
Type 1 IBAA	1932	H.D. Ricketts Ltd	Blue Phoenix	220615
Type 1 IBAA	1828	H.D. Ricketts Ltd	Blue Phoenix	557678
Type 1 IBAA	1886	H.D. Ricketts Ltd	Blue Phoenix	557679
Type 1 IBAA	1750	H.D. Ricketts Ltd	Blue Phoenix	557681
Type 1 IBAA	1810	H.D. Ricketts Ltd	Blue Phoenix	557699
Type 1 IBAA	1938	H.D. Ricketts Ltd	Blue Phoenix	557700
Type 1 IBAA	1758	H.D. Ricketts Ltd	Blue Phoenix	152606
Type 1 IBAA	1954	H.D. Ricketts Ltd	Blue Phoenix	554923
Type 1 IBAA	1938	H.D. Ricketts Ltd	Blue Phoenix	554881
Type 1 IBAA	1932	H.D. Ricketts Ltd	Blue Phoenix	554886

Sum Type 1 from Blue phoneix	98104			
Type 1 IBAA	1916	H.D. Ricketts Ltd	Ling Hall	557794
Type 1 IBAA	1812	H.D. Ricketts Ltd	Ling Hall	554505
Type 1 IBAA	1776	H.D. Ricketts Ltd	Ling Hall	554506
Type 1 IBAA	1832	H.D. Ricketts Ltd	Ling Hall	554507
Type 1 IBAA	1842	H.D. Ricketts Ltd	Ling Hall	554508
Type 1 IBAA	1858	H.D. Ricketts Ltd	Ling Hall	554509
Type 1 IBAA	1762	H.D. Ricketts Ltd	Ling Hall	554510
Type 1 IBAA	1852	H.D. Ricketts Ltd	Ling Hall	554511
Type 1 IBAA	1758	H.D. Ricketts Ltd	Ling Hall	554512
Type 1 IBAA	1880	H.D. Ricketts Ltd	Ling Hall	554513
Type 1 IBAA	1802	H.D. Ricketts Ltd	Ling Hall	554514
Type 1 IBAA	1848	H.D. Ricketts Ltd	Ling Hall	554515
Type 1 IBAA	1846	H.D. Ricketts Ltd	Ling Hall	554516
Type 1 IBAA	1764	H.D. Ricketts Ltd	Ling Hall	554517
Type 1 IBAA	1856	H.D. Ricketts Ltd	Ling Hall	554518
Type 1 IBAA	1834	H.D. Ricketts Ltd	Ling Hall	554519
Type 1 IBAA	1698	H.D. Ricketts Ltd	Ling Hall	554520
Type 1 IBAA	1784	H.D. Ricketts Ltd	Ling Hall	554521
Type 1 IBAA	1708	H.D. Ricketts Ltd	Ling Hall	554522
Type 1 IBAA	1776	H.D. Ricketts Ltd	Ling Hall	554523
Type 1 IBAA	1656	H.D. Ricketts Ltd	Ling Hall	554524
Type 1 IBAA	1756	H.D. Ricketts Ltd	Ling Hall	554532
Type 1 IBAA	1902	H.D. Ricketts Ltd	Ling Hall	554536
Type 1 IBAA	1901	H.D. Ricketts Ltd	Ling Hall	554537
Type 1 IBAA	1840	H.D. Ricketts Ltd	Ling Hall	554893
Type 1 IBAA	1818	H.D. Ricketts Ltd	Ling Hall	554895
Type 1 IBAA	1828	H.D. Ricketts Ltd	Ling Hall	554897
Type 1 IBAA	1848	H.D. Ricketts Ltd	Ling Hall	554898
Type 1 IBAA	1776	H.D. Ricketts Ltd	Ling Hall	554900
Type 1 IBAA	1868	H.D. Ricketts Ltd	Ling Hall	55490
Type 1 IBAA	1826	H.D. Ricketts Ltd	Ling Hall	554904
Type 1 IBAA	1862	H.D. Ricketts Ltd	Ling Hall	554906
Type 1 IBAA	1754	H.D. Ricketts Ltd	Ling Hall	554908
Type 1 IBAA	1714	H.D. Ricketts Ltd	Ling Hall	554910
Type 1 IBAA	1908	H.D. Ricketts Ltd	Ling Hall	554911
Type 1 IBAA	1806	H.D. Ricketts Ltd	Ling Hall	554952
Type 1 IBAA	1772	H.D. Ricketts Ltd	Ling Hall	554953
Type 1 IBAA	1628	H.D. Ricketts Ltd	Ling Hall	554954
Type 1 IBAA	1766	H.D. Ricketts Ltd	Ling Hall	554955
Type 1 IBAA	1738	H.D. Ricketts Ltd	Ling Hall	554956

Type 1 IBAA	1910	H.D. Ricketts Ltd	Ling Hall	554957
Type 1 IBAA	1782	H.D. Ricketts Ltd	Ling Hall	554958
Type 1 IBAA	1790	H.D. Ricketts Ltd	Ling Hall	554959
Type 1 IBAA	1756	H.D. Ricketts Ltd	Ling Hall	554960
Type 1 IBAA	1700	H.D. Ricketts Ltd	Ling Hall	lgo 01108
Type 1 IBAA	1556	H.D. Ricketts Ltd	Ling Hall	554962
Type 1 IBAA	1888	H.D. Ricketts Ltd	Ling Hall	554963
Type 1 IBAA	1846	H.D. Ricketts Ltd	Ling Hall	554964
Type 1 IBAA	19560	H.D. Ricketts Ltd	Ling Hall	lgo 01108
Type 1 IBAA	1930	H.D. Ricketts Ltd	Ling Hall	557666
Type 1 IBAA	1906	H.D. Ricketts Ltd	Ling Hall	557668
Type 1 IBAA	1930	H.D. Ricketts Ltd	Ling Hall	557676
Type 1 IBAA	1926	H.D. Ricketts Ltd	Ling Hall	557776
Type 1 IBAA	1852	H.D. Ricketts Ltd	Ling Hall	557777
Type 1 IBAA	1980	H.D. Ricketts Ltd	Ling Hall	557789
Type 1 IBAA	1956	H.D. Ricketts Ltd	Ling Hall	557790
Type 1 IBAA	1868	H.D. Ricketts Ltd	Ling Hall	557791
Type 1 IBAA	1806	H.D. Ricketts Ltd	Ling Hall	557792
Type 1 IBAA	1546	H.D. Ricketts Ltd	Ling Hall	557795
Type 1 IBAA	1564	H.D. Ricketts Ltd	Ling Hall	557796
Type 1 IBAA	1892	H.D. Ricketts Ltd	Ling Hall	557797
Type 1 IBAA	1954	H.D. Ricketts Ltd	Ling Hall	557799
Type 1 IBAA	1986	H.D. Ricketts Ltd	Ling Hall	557807
Type 1 IBAA	1952	H.D. Ricketts Ltd	Ling Hall	557803
Type 1 IBAA	1944	H.D. Ricketts Ltd	Ling Hall	557805
Type 1 IBAA	1525	H.D. Ricketts Ltd	Ling Hall	557808
Type 1 IBAA	2012	H.D. Ricketts Ltd	Ling Hall	557809
Type 1 IBAA	1992	H.D. Ricketts Ltd	Ling Hall	557811
Type 1 IBAA	2042	H.D. Ricketts Ltd	Ling Hall	557814
Type 1 IBAA	1976	H.D. Ricketts Ltd	Ling Hall	557815
Sum Type 1 from Ling Hall Quarry	145498			

MIRA Nuneaton Cut & Fill Quants

Plots	Cut	Fill	Area
Plot 8&9	4080 m3	12667 m3	18898 m2
Plot 6	6721 m3	4401 m3	22904 m2
Road	2325 m3	1218 m3	7708 m2

service yards:
450mm formation

Workshop: 350mm
formation

access road:
375mm formation

permeable car
park:
625mm formation

footpath to
building:380mm
formation

Rest of the areas:
300mm formation

Offices: 300mm
formation

SPECIFICATION NOTES

- General.**
This plan to be read in conjunction with the following documents:
 - Landscape works specification and other drawings by terra firma
 - Arbicultural report and survey by B. Harverson

- General landscaping.**
 - Existing levels to be preserved around retained existing trees and vegetation. Existing trees and vegetation to be retained are to be protected in accordance with BS5837:2012 during construction.
 - All landscape works to be undertaken by competent persons, with appropriate training and equipment.
 - All arisings to be removed from site at contractor's expense unless noted otherwise. (e.g. woodchip, gravel, topsoil, subsoil, sand or compost contaminated with rubbish or other materials that are:
 - Corrosive, explosive or flammable;
 - Hazardous to human or animal life;
 - Detrimental to healthy plant growth.

- Services.**
The contractor must ascertain for himself/herself the exact location of underground services before commencing work.

- Soil Materials Generally.**
 - Purity: Soils shall be free from roots, stonions, rhizomes, propagules of perennial or invasive weeds couch grass, bindweed, docks, Japanese knotweed, giant hogweed and horsetail/mineral (Equisetum arvense).
 - Foreign matter: On visual inspection, free from non-soil material, brick and other building materials and wastes, sharps, and any other foreign matter or material or substance that would render the soil or soil ameliorant unsuitable for use.
 - Contamination: Do not use topsoil, subsoil, sand or compost contaminated with rubbish or other materials that are:
 - Corrosive, explosive or flammable;
 - Hazardous to human or animal life;
 - Detrimental to healthy plant growth.
 - Give notice: If any evidence or symptoms of soil contamination are discovered on the site or in topsoil, subsoil, sand or compost or other planting media to be used.

- Soil testing**
Each soil source (imported and site-won subsoil and topsoil - see below) shall be analysed by Tim O'Hare Associates, Howbery Park, Wallingford, Oxon OX10 8BA, Tel: 01491 622653. Email: info@oha.co.uk, www.oha.co.uk (or equivalent approved).

- Subsoil for general planting areas (sample of site-won and/or imported subsoil to be sent for testing to check compliance with parameters below)**
Provide subsoil as necessary to make up deficiency on site. Natural or manufactured subsoil (from approved source) will be acceptable (within parameters given below). Subsoil to be tested to determine suitability for proposed use for planting; test report to be submitted for approval and to enable amelioration recommendations. Subsoil should be free from commonly tested contaminants, including asbestos. Subsoil parameters to be within the following:

Parameter	Unit	Lower Limit	Upper
Limit			
Clay (<0.002mm)	%	5	35
Silt (0.002-0.05mm)	%	0	35
Sand (0.05-2.0mm) of which at least 40% shall fall into fine to medium sand range	%	50	90
Stones (>50mm)	% dry wt.	--	50
Stones (>50mm)	% dry wt.	--	0
pH Value	Unit	5.5	8.5
Electrical Conductivity (1:2.5 water extract)	µS/cm	--	1500
Electrical Conductivity (CaSO4 extract)	µS/cm	--	2800
Exchangeable Sodium Percentage	%	--	15
Organic Matter	%	--	1.5

- Subsoil for tree pits (sample of site-won and/or imported subsoil to be sent for testing to check compliance with parameters below)**
Provide subsoil as necessary to make up deficiency on site. Natural or manufactured subsoil (from approved source) will be acceptable (within parameters given below). Subsoil to be tested to determine suitability for proposed use; test report to be submitted for approval and to enable amelioration recommendations. Subsoil should be free from commonly tested contaminants, including asbestos. Subsoil parameters to be within the following:

Parameter	Unit	Lower Limit	Upper
Limit			
Clay (<0.002mm)	%	5	18
Silt (0.002-0.05mm)	%	0	25
Sand (0.05-2.0mm) of which at least 40% shall fall into fine to medium sand range	%	60	90
Stones (>50mm)	% dry wt.	--	50
Stones (>50mm)	% dry wt.	--	0
pH Value	Unit	5.5	8.5
Electrical Conductivity (1:2.5 water extract)	µS/cm	--	1500
Electrical Conductivity (CaSO4 extract)	µS/cm	--	2800
Exchangeable Sodium Percentage	%	--	15
Organic Matter	%	--	1.5

- Topsoil for general landscaping (sample of site-won and/or imported topsoil to be sent for testing to check compliance with parameters below and to inform any necessary amelioration - see below)**
Existing topsoil to be stripped and re-used, provided soil is within parameters given below when analysed. Imported topsoil to be good quality sandy loam or manufactured topsoil (from approved source, meeting parameters given below). Topsoil (site-won or imported) is to be tested to determine suitability for proposed use and should be free from commonly tested contaminants, including asbestos; test report to be submitted to Landscape Architect for approval and to enable amelioration recommendations to be made:

Parameter	Unit	Lower Limit	Upper
Limit			
Clay (<0.002mm)	%	5	18
Silt (0.002-0.05mm)	%	0	35
Sand (0.05-2.0mm) of which at least 40% shall fall into fine to medium sand range	%	50	85
Stones (>20mm)	% dry wt.	0	20
Stones (>50mm)	% dry wt.	0	15
Stones (>50mm)	% dry wt.	0	0
pH Value	Unit	5.5	8.5
Electrical Conductivity (1:2.5 water extract)	µS/cm	--	1500
Electrical Conductivity (CaSO4 extract)	µS/cm	--	2800
Exchangeable Sodium Percentage	%	--	15
Organic Matter	%	4.0	8.0
Total Nitrogen	%	0.15	--
Carbon: Nitrogen Ratio	--	--	20:1
Extractable Phosphorus	mg/l	26	100
Extractable Potassium	mg/l	240	1200
Extractable Magnesium	mg/l	50	600

- Ameliorant: fertilizer and compost (contractor is responsible for submitting a sample of imported or site-won topsoil (to inform requirements).**
Topsoil amelioration to be determined by analysis. Once amelioration requirements ascertained as required, approved (peat free) composts to PAS100 and/or fertilizers to be incorporated during cultivation at required rate to full depth of growing medium.

- Soil handling and depths.**
Management of soils to be in accordance with the Construction Code of Practice for the Sustainable Use of Soils on Construction Sites
 - Topsoil and subsoil to be handled (i.e. excavated and/or imported, stored, spread, cultivated) in accordance with method agreed in writing by Landscape Architect prior to work commencing. All topsoil and subsoil areas shall be thoroughly cultivated by hand or suitable machinery to the full depth of the topsoil layer; incorporation by hand or suitable machinery as required. If compaction is suspected in sub-grade, subsoil or topsoil surfaces, these should be ripped as necessary to decompact and ensure adequate drainage.
 - Hand cultivations shall be carried out to achieve the required finish on areas where machine cultivation is impossible adjacent to kerbs, manholes and footpath junctions, around retained trees etc. Surplus plant matter, rubbish and surface stones having any dimension greater than 25 mm shall be collected and removed from the site. Topsoil and subsoil to be stored in heaps, maximum of 2m in height, providing soil is reasonably dry and friable during stripping and handling - using a tracked excavator. To protect from wet weather once final height is achieved, an excavator should regrade the sides and top of stockpile to firm surface by tracking across it to form a smooth gradient.
 - Final topsoil depth (allowing for settlement) to be 300mm for tree pits and general planting areas and 150mm for grass. Finished soil levels to be 25mm above/below adjoining paving or kerbs: not less than 150mm below d.p. of adjoining buildings; shrub areas to be higher than adjoining grass areas by 25 mm. Topsoil to be spread in lightly compacted layers, max. 150mm depth, gently firm each layer before spreading the next.

- Plant handling and establishment.**
Plant handling shall be in accordance with 'Handling and establishing landscape plants', published by the CPSE through the JCLI. (<https://www.cshub.com/wp-content/uploads/2014/12/The-National-Plant-Specification-Handling-and-Establishment.pdf>) The contractor shall comply with Part 3: Recommendations for plant handling from delivery to site to ensure successful establishment.

12. General planting notes.

Details for tree, hedge and general planting to be finalised once final site conditions are known (i.e. compaction and permeability of ground). General plant stock to conform to BS 3936, advanced nursery stock to BS 8545, and planting to BS 4428. Plants shall be first class examples of their species or variety, free from all pests and diseases, with good fibrous root systems and materially undamaged. All planting operations to be in general compliance with BS4428: 'Code of Practice for general landscape operations'.
Only carry out all planting while soil and weather conditions are suitable:

- Do not plant during periods of frost or strong winds. Plant only during the following periods
- Checklist and conifer trees: Late October to late March (rootball and bare root)
- Container grown plants: At any time if ground and weather conditions are favourable. Ensure that adequate watering is provided
- Shrub: September/October

Setting out of planting beds to be approved by Landscape Architect before work commences. Ensure that plant beds are neatly defined, and rise from adjacent paved areas as specified above. All tree pits, tree circles in lawn and planting beds are to be matched with approved bark mulch to 75mm depth after planting.

13. Plant biosecurity

Plant procurement should follow the latest recommendations from DEFRA and landscape contractors should verify the status of all specified species prior to procuring. Plant material should be sourced from UK growers with a sound Biosecurity Policy and management systems that can demonstrate the traceability of their stock with plant health certificates / plant passports or other documentation (commensurate with the HTA Plant Health Assurance Scheme (still in development phase)).
Selected plants, including trees should be propagated and grown on a UK nursery, or containerised and grown-in in the UK for a minimum of 5 years (trees) or 2 years (shrubs). Any Xylella host plants specified must come from a UK nursery and must not be imported from Europe or anywhere else in the world, directly to site. There must be full traceability on the Xylella host plants (ideally back to its origin). The contractor is responsible for checking compliance of growers and to submit their own Biosecurity Plan with their tender.

14. Tree planting

Any proposed substitutions of species shown on plan to be approved by landscape architect prior to planting. Details for tree planting to comply with BS8945. As a guide all trees to be planted in square pits with base undisturbed unless drainage / compaction problems known. Plant at a depth where the root flare is clearly visible at the soil surface. Where trees have been supplied with the root flare too deep excess soil or fibrous root growth should be removed before planting. All trees to have 'Pitdri' free irrigation/aeration system installed as supplied by Platipus 01737 762300 www.platipus-anchors.com or approved equivalent. Water-in heavily after planting and much surface, ensuring much is not in contact with trunk of tree. Tree support to comply with BS 8545: Bare root trees to have a single upright stake. Trees to be underground guyed shall have suitable guying systems installed as supplied by Platipus 01737 762300 www.platipus-anchors.com or approved equivalent. Any necessary remedial tree works are to be carried out by an approved tree surgeon to BS 3998. Trees planted within grass areas to be set in mulched earth circles, 1m diameter around tree trunk, with turf trimmed neatly to form circle.

- Trees up to 20cm girth.
- Depth of tree pits to be the same as the rootball and with overall width to be 150mm wider than the diameter of the rootball (75mm min. from rootball edge to tree pit side). Pits to be backfilled with 300mm depth of specified topsoil over subsoil as per spec.

- Trees - 20cm girth and above.
- Depth of tree pits to be 200mm deeper than rootball and with overall width to be 150mm wider than the diameter of the rootball (75mm min. from rootball edge to tree pit side). Pits to be backfilled with 400mm depth of specified topsoil over washed medium coarse grade sand to a depth of 200mm below rootball.

15. Native tree and shrub mix (native buffer planting).

All plants to be planted in cultivated planting beds with species randomly mixed for natural effect, and planted in groups of 3-5 plants of any one species. Plants to be notch- or pit-planted. Plant on grid at spacing given in schedule. Provide and install each plant with an appropriate sized recyclable staked green tree or shrub shelter (available from Tubex Ltd phone 01621 874201 or similar approved). Position shelter stake on windward side of plant, drive vertically into bottom of pit before planting, to a min. depth of 300mm and consolidate backfill material around stake, attach shelter to stake with a minimum of two ties.

16. Native hedges.

Species to be randomly mixed for natural effect, and planted in groups of 3-5 plants of any one species. Depth of planting trench to be same as root system, overall width space 150mm wider than root system (75mm min. from root system edge to sides of trench). Trench to be backfilled with 300mm depth of specified topsoil over subsoil as per spec. Provide and install each plant with an appropriate sized recyclable staked green shrub shelter (available from Tubex Ltd, phone 01621 874201 or similar approved). Position shelter stake on windward side of plant, drive vertically into bottom of pit before planting, to a min. depth of 300mm and consolidate backfill material around stake, attach shelter to stake with a minimum of two ties.

17. Clipped hedges.

Depth of planting trench to be same as rootball, overall width 150mm wider than rootball (75mm min. from rootball edge to sides of trench). Trench to be backfilled with 300mm depth of specified topsoil over subsoil as per spec. Fertiliser to be incorporated as required to ensure establishment and continued thriving of plants - type and application rate to be determined by analysis. Central post and wire supporting to be provided with two line wires and plants to be tied in using horticultural plastic ties. On planting, hedges to be trimmed to 800mm ht. and sides trimmed to neat shape where necessary.

18. Shrub and Ground Cover Planting.

All plants to be planted into cultivated planting beds (with 300mm depth specified topsoil) at densities shown in plant schedule, backfilled with same topsoil. Fertiliser to be incorporated as required to ensure establishment and continued thriving of plants - type and application rate to be determined by analysis.

19. Grass.

Seeding shall be carried out only during appropriate seasons and while soil and weather conditions are suitable for the relevant operations. Only machinery and tools suitable for the site conditions and the work to be carried out shall be used. Hand tools shall be used around trees, plants and in confined spaces where it is impractical to use machinery. The soil shall be weed free prior to turfing and seeding. Contact herbicide as specified should be applied to all areas of weed growth 4-6 weeks before grassing and repeated if necessary to maintain a weed free bed. Where deep rooted weeds are present (docks, thistles etc.) approved Glyphosate-based herbicide should be applied as a spot treatment. Seed shall be laid on prepared, levelled soil (minimum 150mm depth) in the areas indicated on the drawings in accordance with BS 4428:1989 'Code of practice for general landscape operations'.

20. Root barrier.

Root barrier system to be used in locations as indicated on plan. To be supplied by GreenBlue Urban 01424 717797 or other approved supplier. Thickness, size and depth of installation of root barrier to be to manufacturer's recommendations for particular circumstances.

0m10m20m

north

- All dimensions in millimetres unless otherwise indicated. All levels in metres relative to Ordnance Datum and are positive (AOD) unless otherwise indicated.
- Figure dimensions only to be taken from this drawing, do not scale except for planning purposes. Dimensions to be checked on site.
- For civil and structural matters including existing and proposed services, sub-base construction and site structures (including retaining walls over 800mm height) refer to information by others.
- The original version of this drawing was produced in colour - monochrome copies should not be relied upon to accurately reflect all drawing elements.
- This drawing has been prepared for planning purposes only and should not be used for quantification, tender or construction.

Notes:

- All materials to be as detailed or accepted equivalent.
- Refer also to architectural and engineering drawings as applicable.

Existing tree to be retained and protected in accordance with BS 5837:2012 - refer to arbicultural report "1233.bjh.AMS.MIRA.Plots&and9.31.05.22" by Bernie Harverson

Fenced Root Protection Area - refer to arbicultural report: To remain undisturbed and uncompacted (no material or equipment storage permitted)

Existing vegetation & proposed planting with Infrastructure II

Proposed specimen tree

Mixed native buffer planting with trees

Mixed native buffer planting without trees

Ornamental planting

Ornamental rain garden planting

Amenity grass

Meadow grass

Clipped hedgerow

Native hedgerow

Asphalt road and pavement

Brushed concrete surfacing to service yards

Acheson and Glover Xlfo block paving 100x200x80mm - Colour: Lakrid

Acheson and Glover Plaza block paving 600x200x80mm - Colours: Salt, Pepper, Lakrid

CEDEC Footpath Gravel - Gold Self-binding gravel

Gravel trench

Secure boundary fence

Indicative proposed contours

04	30.09.22	TJ	AS	Draft tender issue
03	08.07.22	TJ	LF	Service yard surface treatment amended, site plan updated
02	07.07.22	TJ	LF	Amendments to tree planting
01	07.07.22	TJ	LF	First issue
rev	date	by	ch	notes
project	Plot 8 & 9 - MIRA Horiba			
title	Landscape Proposals			
status	Planning			scale @ A1 1:500
dwg no	1328-TFC-P9-00-DR-L-1001			

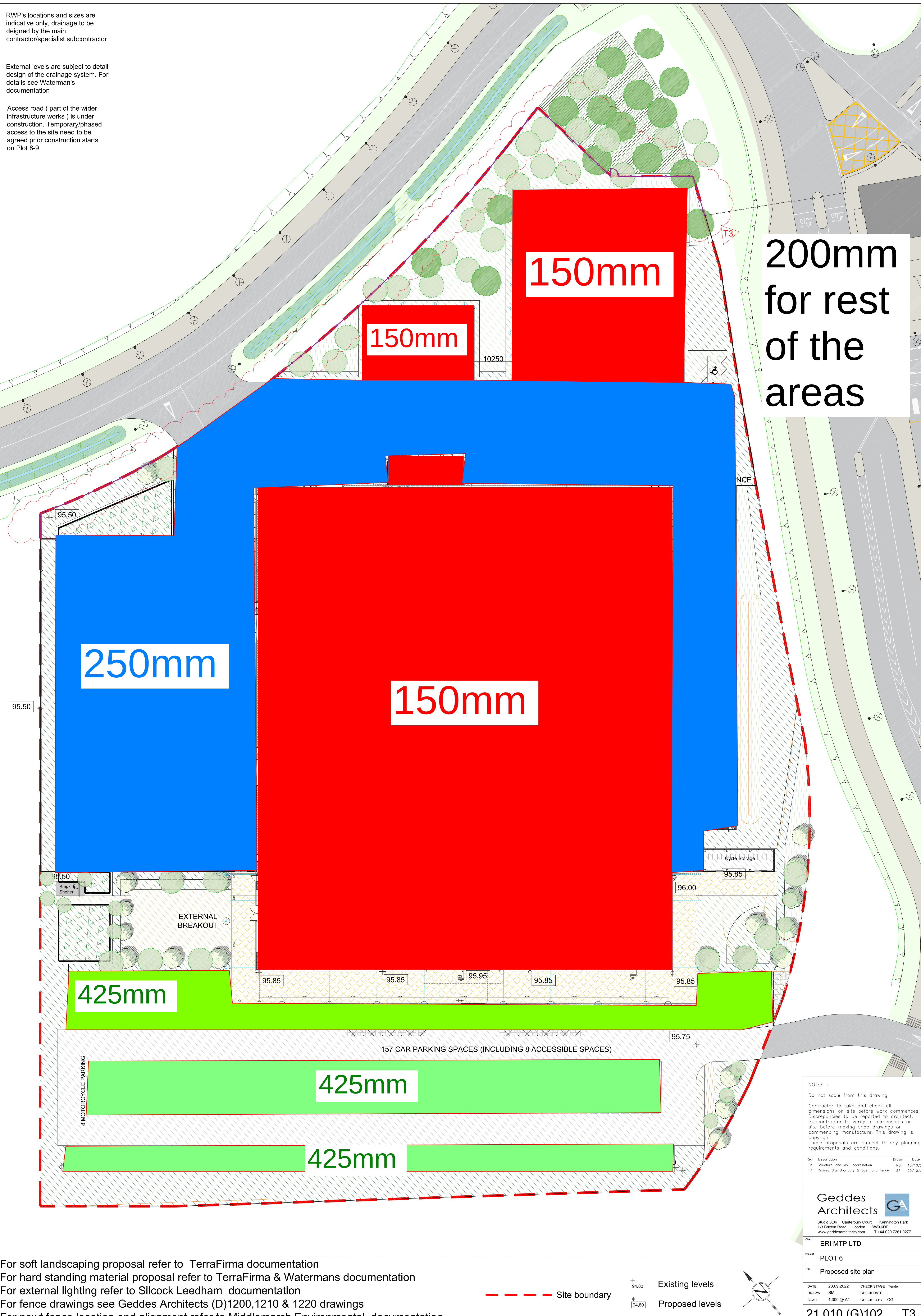
terrafirma
LANDSCAPE ARCHITECTS

South H. House, Bedford Road, Tel: +44 (0)1753 262 000
Peterfield, Hampshire GU22 2BA Web: www.terrafirmalandscape.co.uk © Copyright reserved 2022

RWP's locations and sizes are indicative only, drainage to be deigned by the main contractor/specialist subcontractor

External levels are subject to detail design of the drainange system. For details see Waterman's documentation

Access road (part of the wider infrastructure works) is under construction. Temporary/phased access to the site need to be agreed prior construction starts on Plot 8-9



For soft landscaping proposal refer to TerraFirma documentation
For hard standing material proposal refer to TerraFirma & Watermans documentation
For external lighting refer to Silcock Leedham documentation
For fence drawings see Geddes Architects (D)1200,1210 & 1220 drawings
For new fence location and alignment refer to Middlemarch Environmental documentation

NOTES :

Do not scale from this drawing.

Contractor to take and check all dimensions on site before work commences. Discrepancies to be reported to architect. Subcontractor to verify all dimensions on site before making shop drawings or commencing manufacture. This drawing is copyright. These proposals are subject to any planning requirements and conditions.

Rev.	Description	Drawn	Date
T2	Structural and M&E coordination	NC	13/10/22
T3	Revised Site Boundary & Open grid Fence	SP	20/10/22

Geddes Architects

Studio 3.06 Canterbury Court Kennington Park
1-3 Brixton Road London SW9 6DE
www.geddesarchitects.com T +44 020 7261 0277

Client

ERI MTP LTD

Project

PLOT 6

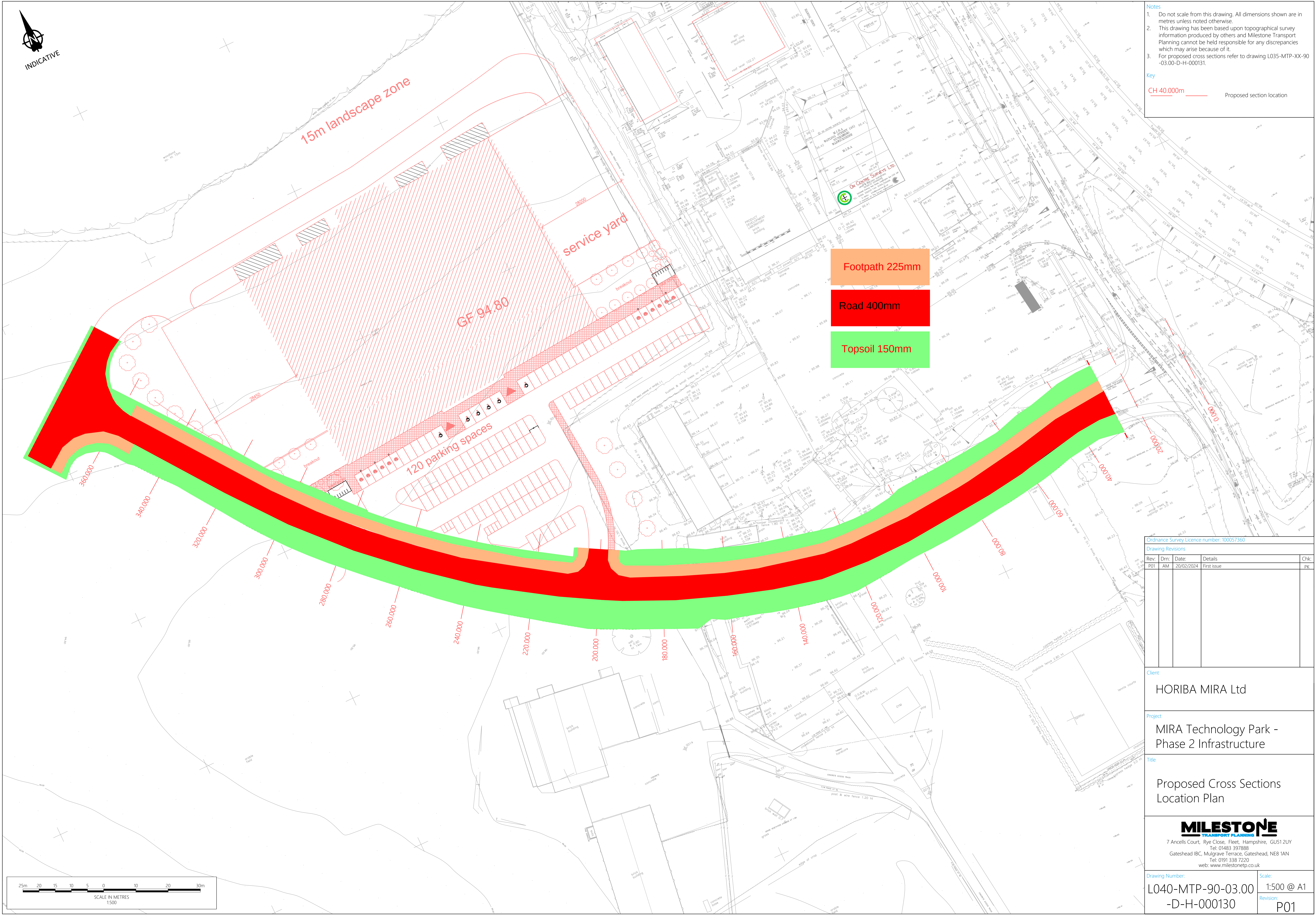
Title

Proposed site plan

DATE	28.09.2022	CHECK STAGE	Tender
DRAWN	SM	CHECK DATE	
SCALE	1:300 @ A1	CHECKED BY	CG

21.010 (G)102 T3

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- Key
- CH 40.000m _____ Proposed section location

[illegible]

Client

HORIBA MIRA Ltd

Project

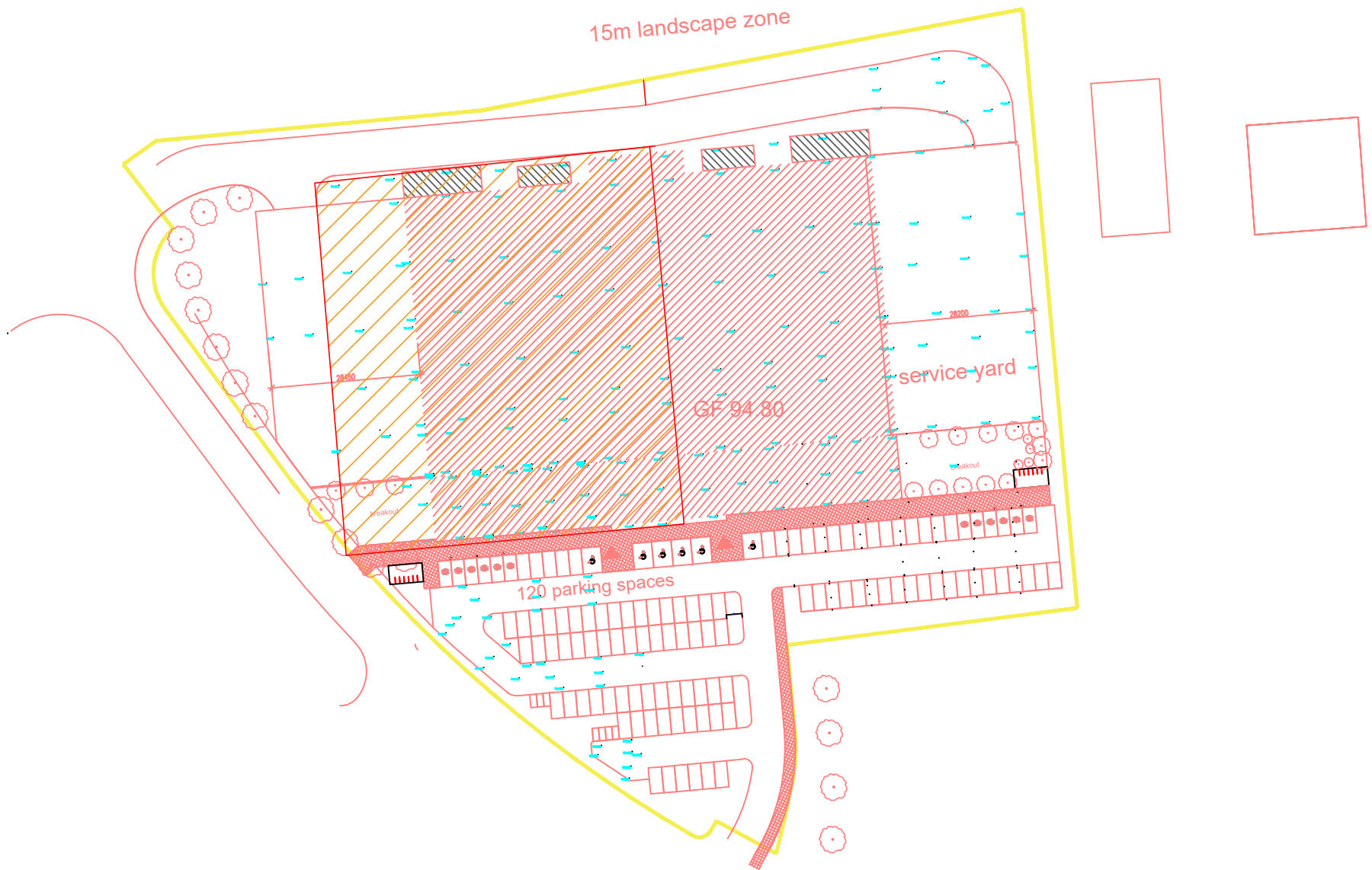
MIRA Technology Park - Phase 2 Infrastructure

Proposed Cross Sections Location Plan

MILESTONE
TRANSPORT PLANNING

7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY
Tel: 01483 397888
Gateshead IBC, Mulgrave Terrace, Gateshead, NE8 1AN
Tel: 0191 338 7220
web: www.milestonetp.co.uk

Drawing Number:	Scale:
L040-MTP-90-03.00	1:500 @ A1
-D-H-000130	Revision:
	P01



STOCKPILE PLAN

SP1 (TOPSOIL): 378.36m³
SP2 (TOPSOIL): 1057.60m³
SP3 (TOPSOIL): 668.00m³
SP4 (TOPSOIL): 897.86m³
SP5 (TOPSOIL): 499.421m³
SP6 (TOPSOIL): 498.03m³
SP7 (TOPSOIL): 472.13m³
SP8 (TOPSOIL): 239.02m³
SP9 (TOPSOIL): 235.39m³
SP10 (TOPSOIL): 816.17m³
SP11 (TOPSOIL): 5873.20m³
SP12 (MUCK): 355.70m³

