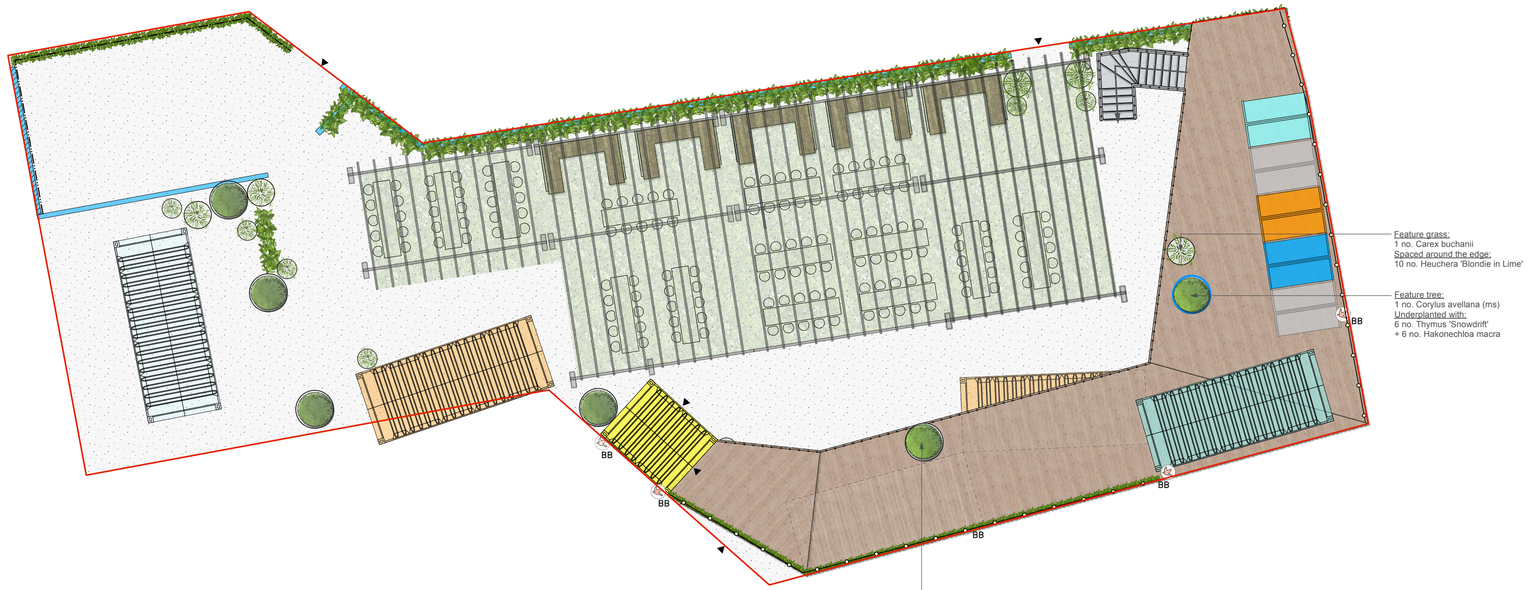
Ground Floor (SCALE 1:100)



First Floor (SCALE 1:100)

PLANTING SPECIFICATION

These implementation and maintenance guidelines are for planning purposes only to indicate the level of workmanship to be specified and do not constitute a detailed specification.

1. GENERAL

1.1. All landscape operatives will be appropriately trained, certified and qualified to undertake the tasks required. When required, the relevant certificates will be made available for inspection. All work is to be carried out in accordance with the relevant British Standards, Codes of Practice and Legislation.

1.2. All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the HTA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE.

1.3. Planting shall not be carried out when the soil is waterlogged, frost bound or during periods of cold drying winds. Tree handling, storage and planting shall be in accordance with BS 8545 Chapters 9 to10 and Annexes E to F.

1.4. The landscape contractor shall maintain all areas of new planting for a period of 12 months following practical completion. All stock deemed to be dead, dying or diseased within the defects period shall be replaced by the contractor at his own cost.

1.5. A minimum intervention approach will be used in terms of weed control. In areas of ornamental planting this is to be achieved by using mulch mats and hand-weeding. Weed killer and other chemicals will be used as little as possible on site. Spot removal of weeds will be carried out by hand removal as necessary.

2. TREE PLANTING

Ground Preparation and Tree Pit Excavation

2.1. Where necessary remove existing weeds by hand.

2.2. Tree pits of at least 75mm diameter greater than the root system and no deeper than the rootball / container depth are to be excavated and the sides well scarified to prevent smearing. All extraneous matter such as plastic, wood, metal and stones greater than 50mm in any dimension shall be removed from site.

2.3. During excavation of the pit, the soil dug should be placed to one side separating topsoil and subsoil as far as is practical.

2.4. Drainage: prior to tree planting a review of the soil type should be undertaken to ensure that the tree pit base will allow water to percolate, and the pit will not become waterlogged. If free vertical drainage will not occur through the base of the tree pit, then a drainage system must be put in place, such as connection to a land drain or additional excavation to reach the gravel seam. Professional advice should be sought from a soil scientist and, if required, a drainage engineer.

Tree Planting

2.5. Trees shall be planted as per the planting arrangement as set out on the planting plan and plant schedule.

2.6. Refer to Tree Pit Detail on this drawing [P20-0271_03] for details/illustration of the tree pit specification.

2.7. The available rooting depth within the container for the trees is ~700mm. The first 300mm shall be made up of topsoil; it shall be ensured that a suitable subsoil provides the remainder of the rooting depth.

2.8. The root system of the tree should be wetted prior to planting. The tree should be planted at the correct depth taking into account the position of the root flare and the finished level - the rootball or root stem transition should be level with the existing host soil or surface. The base of the rootball should typically sit on subsoil, for larger rootballs the subsoil will sit around the lower portion of the rootball.

2.9. Containers with tree planting should be filled with a multi-purpose topsoil suitable for container planting. The subsoil depth (beyond 300mm deep) shall be filled with a high sand content subsoil. Fill should be added gradually, in layers of 150mm to 230mm depth, ensuring the tree is held upright. At each stage the fill should be firmed in to eliminate all air pockets under and around the root system, but with care being taken not to excessively compact the soil. The final layer should not be consolidated.

2.10. General-purpose slow release fertiliser [at the rate of 75gm/m2] and Tree Planting and Mulching Compost at the rate of [20litres/m2] are to be incorporated into the top 150mm of topsoil during final cultivations.

2.11. All trees shall be secured using a proprietary tree anchor system suitable for container planting e.g. Tree Anchor Rootball Containerised Fixing System by Green Blue Urban.

2.12. Staked trees shall be secured to stakes with suitable proprietary hessian or jute tree ties with approx. 50mm depth. A spacer is to be formed using the natural tree tie itself.

2.13. Immediately after planting, but before applying the below bark mulch, all trees should be saturated to field capacity.

2.14. Ornamental composted bark mulch will be spread to a depth of 50mm along the sbare soil of the entire container, ensuring that the root flare and base of the stem, along with any plants, are not buried.

3. SHRUB / ORNAMENTAL GRASS / FERN PLANTING – "Ornamental Plants"

3.1. Ornamental plants are to be set out as shown on the drawing and pit planted into the prepared soil at the specified densities with minimal disturbance to the rootball and well firmed in.

3.2. Recommended rooting depths are 600mm for ornamental plants. Multi-purpose topsoil depths shall be 300mm for ornamental plants, ensuring that a suitable subsoil shall provide the remainder of the rooting depth of the containers.

3.3. Containers with ornamental planting should be filled with a multi-purpose topsoil suitable for container planting. The subsoil depth (beyond 300mm deep) shall be filled with a high sand content subsoil. Fill should be added gradually, in layers of 150mm to 230mm depth. At each stage the fill should be firmed in to eliminate all air pockets, but with care being taken not to excessively compact the soil. The final layer should not be consolidated.

3.4. Within the day of planting ornamental plants should be saturated to field capacity, this shall be done before applying the below bark mulch.

3.5. Spread ornamental pine bark mulch to a depth of 50mm across all planted areas, taking care not to bury groundcover plants.

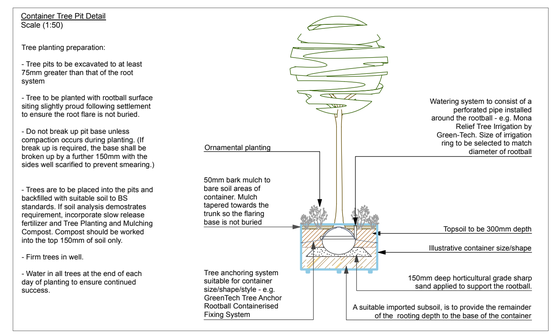
4. BULB PLANTING

4.1. Bulb planting is to be naturalistic in character and should not be planted in manmade grids or lines. Random planting can be achieved by evenly scattering the bulbs over the marked out bulb planting area and planting where they fall.

4.2. Bulbs are to be planted at a depth suitable for the species with the base in contact with the bottom of the hole. The removed soil backfilled and firmed on top.

5. MANAGEMENT AND MAINTENANCE

5.1. Refer to Pegasus document P20-0271_04 Landscape Management and Maintenance Plan [LMMP] for maintenance regime.



Key

- Site Boundary
- Arrow indicates entrance - main, secondary and emergency
- Proposed small tree planting
- Proposed specimen shrub/grass/fern
- Screening container planting - shrub / perennial / ornamental grass
- Artificial canopy hanging plants
- Proposed artificial green wall around first floor boundary - refer to architectural layout
- WOODEN PLANTER ON WHEELS by Premier Wood Planters or similar, 120cm long x120cm wide x60cm high, 5 rows of decking, square in shape
- WOODEN PLANTER ON WHEELS by Premier Wood Planters or similar, 50cm long x50cm wide x48cm high, 4 rows of decking, square in shape
- WOODEN PLANTER ON WHEELS by Premier Wood Planters or similar 50cm long x50cm wide x48cm high, 4 rows of decking, square in shape
- WOODEN TROUGH PLANTER by Premier Wood Planters or similar, 100cm long x40cm wide x 48cm high, 4 rows of decking
- Existing surface to be retained. Any areas damaged during construction to be made good with matching materials and finish.
- BLUE METAL FLAT TOP RAILING - bespoke. Balustrade design should accord with Building Regs Approved Document K 'Protection from falling, collision and impact'. Total height of balustrade to reach minimum 1.1.m. To be constructed using a pressure treated timber hand and base rail with vertical tensile wire rails. Exact design to be confirmed by engineer to ensure balsutrade is fit for purpose.
- Black weld mesh boundary to bin store
- BB — Proposed ecological enhancement - suggested location for bird / bat boxes. Refer to ecologist for details.

Items/elements detailed on the architectural layout.

- Proposed containers
- Enclosed staircase to first floor within container
- Staircase to first floor

DETAILED PLANTING LIST

Feature Tree Planting

Quantity	Species	Girth (cm)	Height (cm)	Form	Rootball Size	Clear Stem (cm)
1	Acer griseum	12-14	300-350	Heavy Standard; 5 breaks	45-85L	125-150
3	Corylus avellana (ms)	-	200-250	Multi-stem; Bushy; 5 stems min	45-65L	-
1	Crataegus monogyna 'Stricta'	12-14	350-425	Heavy Standard; 5 breaks	45-85L	175-200
1	Amelanchier lamarckii	-	250-300	Multi-stem; Bushy; 3 stems min	45-85L	-

Native Hedge Planting

Quantity	Species	Form	Pot size
20	ReadyHedge Mixed Native Hedging Trough Mix 5	100 long x 70-90 high x 20cm deep	100cm trough

Screening Container Planting

Quantity	Species	Form	Height (cm)	Root Condition
2	Euonymus japonicus 'Green Rocket'	Bushy; 4 breaks	40-60	5L
62	ReadyHedge Euonymus Jean Hughes	100 long x 70-90 high x 20cm deep	-	100cm trough
2	Mahonia aquifolium 'Apollo'	Branched; 3 breaks	40-60	5L

Feature Container Planting

Quantity	Species	Form	Height (cm)	Root Condition
20	Anemone 'Wild Swan'	Full Pot	-	3L
3	Astelia 'Silver Shadow'	Full Pot	-	10L
2	Carex buchananii	Full Pot	-	10L
18	Hakonechloa macra	Full Pot	-	3L
20	Heuchera 'Blondie in Lime'	Full Pot	-	3L
18	Liriope muscari	Full Pot	-	3L
30	Narcissus 'Ice King' [bulb planting]	Grade 14/16	-	-
2	Pittosporum tennuifolium 'Golf Ball'	Bushy; 9 breaks	40-60	25L
3	Pleiobblastus fortunei 'Vareigata'	Several shoots; 7 breaks	30-40	3L
1	Polystichum setiferum	Full Pot	-	10L
9	Polypodium vulgare	Full Pot	-	3L
18	Thymus 'Snowdrift'	Full Pot	-	3L

Revisions:
First Issue- 10/02/2022 AMS
A- [15/02/2022 AMS] Updated to include Planting Specification and Tree Pit Detail.
B - [12/09202 LAB] Updated to Landscape Masterplan
C - [03/02/2023 LAB] Additional hedge planting added to northern boundary

Detailed Hard and Soft Landscape Proposals

Reading Market Quarter

Client: Blue Collar

DRWG No: P20-0271_03 Sheet No:1 REV: C

Drawn by : AMS/ LAB Approved by: RVF

Date: 03/02/2023

Scale: 1:100 @ A1

Pegasus Design

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DESIGN | ENVIRONMENT | PLANNING | ECONOMICS | HERITAGE

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