

Tree Planting					
Code	Species - Latin	Common Name	Size: girth (cm)	Size: height (cm)	Rootball
Ca	Corylus avellana	Common Hazel	20-25, 300-450cm high	Multi-stem specimen, 300-450cm high, 3 x transplanted	RB or Containerised if outside tree planting season
ME	Malus 'Evereste'	Crab Apple 'Everest'	20-25, 300-450cm high	Multi-stem specimen, 300-450cm high, 3 x transplanted	RB or Containerised if outside tree planting season
Sa	Sorbus aucuparia	Mountain Ash/Rowan	20-25, 300-450cm high	Multi-stem specimen, 300-450cm high, 3 x transplanted	RB or Containerised if outside tree planting season



Indicative Plant Species

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NOTES:

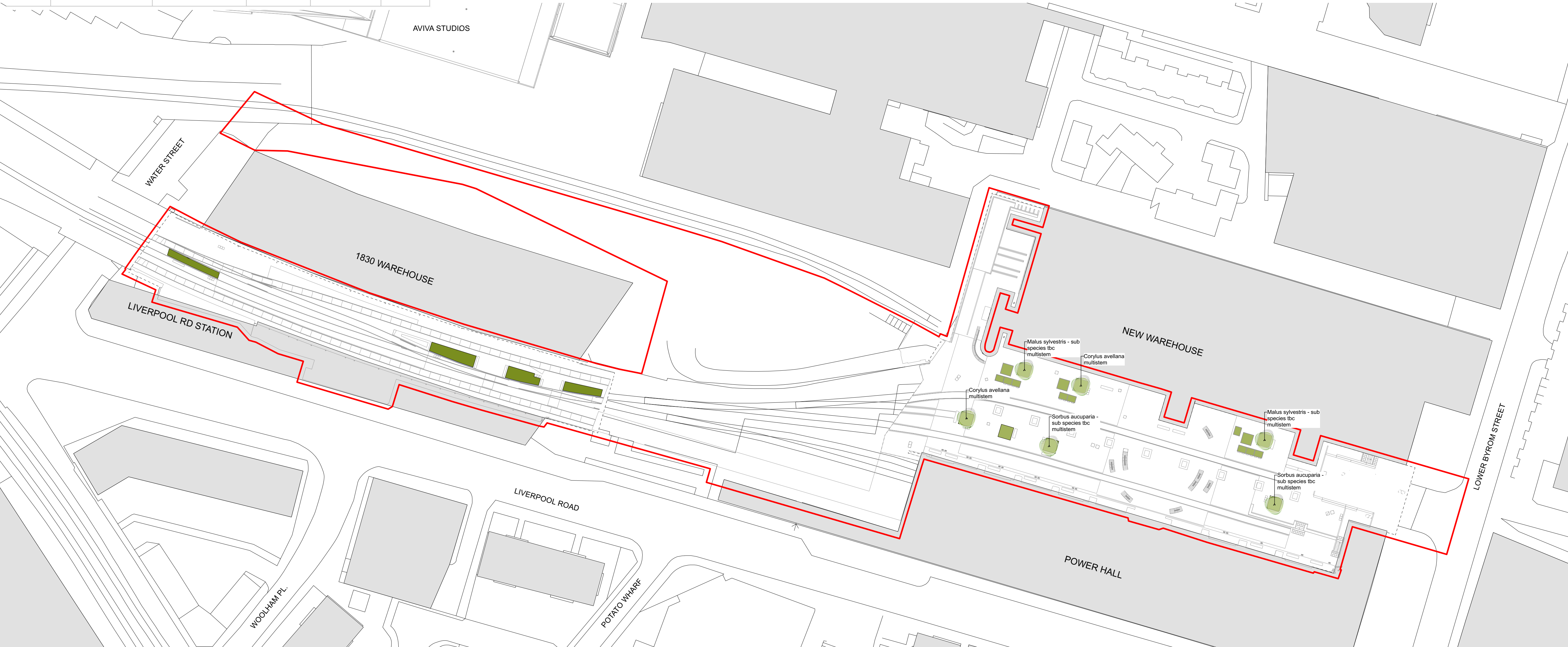
- Do not scale from this drawing.
- Always work to noted dimensions.
- All dimensions are in millimetres unless otherwise stated.
- All setting out, levels and dimensions to be agreed on site.
- The dimensions of all materials must be checked on site before being laid out.
- This drawing must be read with the relevant specification clauses and detail drawings.
- Order of construction and setting out to be agreed on site.

BOUNDARIES

Planning Boundary

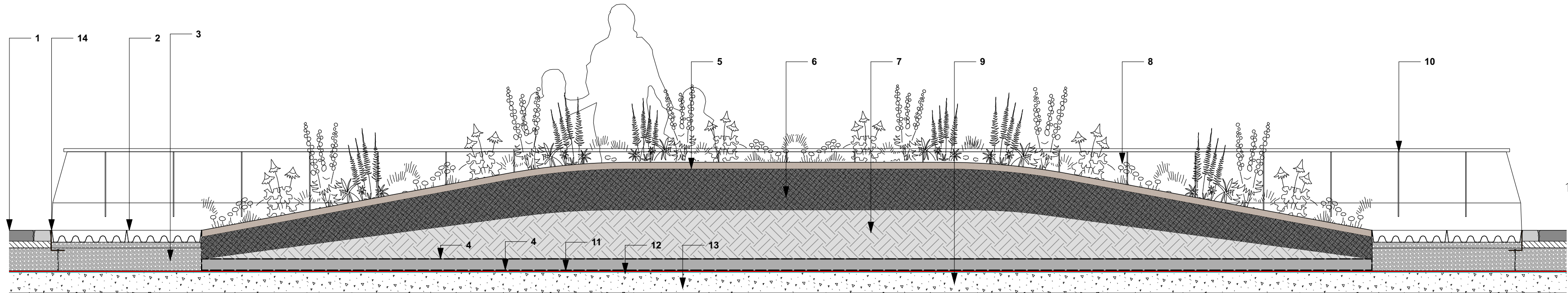
SOFTWORKS

- Proposed Multi-Stem Trees**
300-450cm 3-4 dm height
Root species to be confirmed at later stage
- Ornamental and Bulb Planting**
in free standing steel planters
- Ornamental and Bulb Planting**
to in-ground planters



PLANTER ON STATION APPROACH

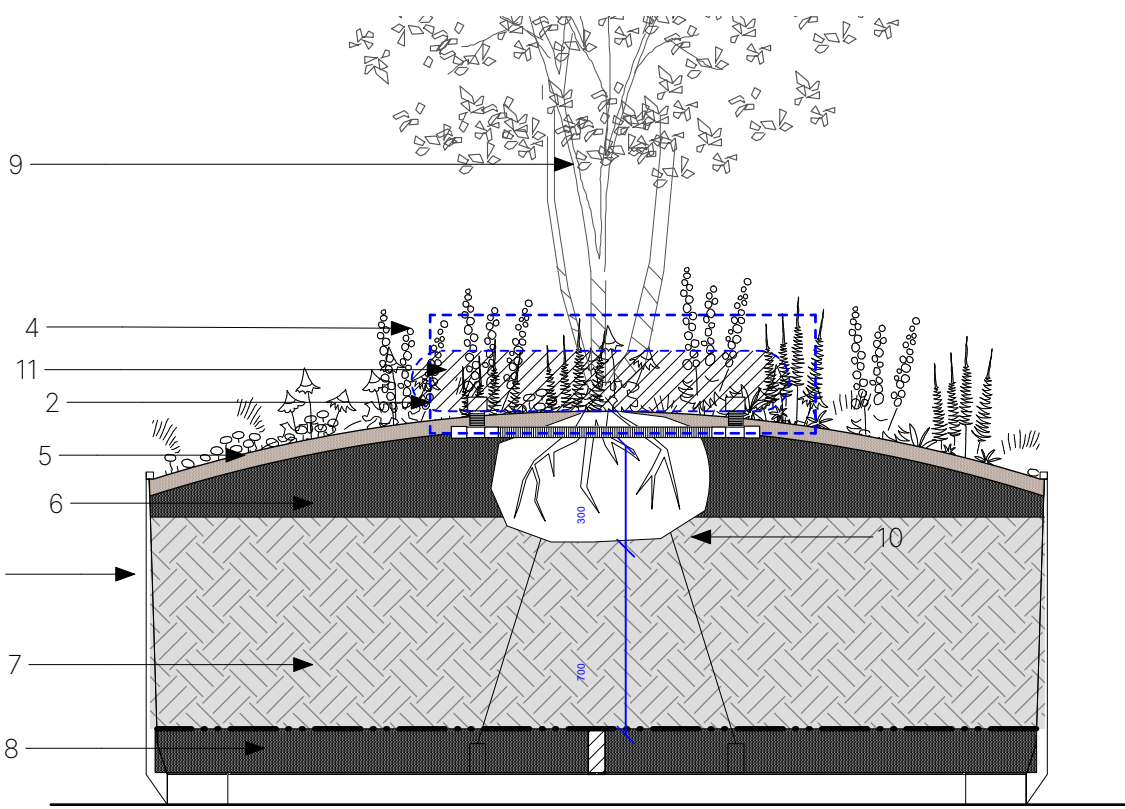
- New Natural Stone Paving**
- Sedum / Wildflower Trays**
Material: Polypropylene.
Size: (W): 540 x (L): 540 x (D): 90mm.
Trays pre-grown in Nursery for 12-18 months prior to installation.
- Permeable Sub-base**
Material: MoT Type 3.
Depth: Varies.
To engineer's specification.
- Geotextile Membrane**
- Bark Mulch**
50mm depth amenity grade bark mulch.
800mm diameter to each tree pit.
- Imported topsoil**
Depth: 300mm. Minimum 180mm.
To BS3882:2007.
- Imported Sub Soil**
Depth: 300mm. Minimum 0mm.
To BS8601:2013.
- Herbaceous Planting**
- Drainage Layer**
100mm cleaned free-draining gravel.
- Planter Edge**
- Drainage Board**
Product: HYDRODUCT 650.
Depth: 12mm
Supplier: GCP
To Architect's specification.
- Waterproofing System**
Refer to Architect's details.
- Existing Structural Slab**
- Existing Rails**
To be lifted, cleaned and relaid to proposed levels.
- Flush Steel Edge - ET10**
- Decorative Gravel - ST13**



Typical Planter Station Approach - Section
Scale: 1:25



Indicative Steel Planter



F7- Typical Planter - Section
Scale: 1:25

TREE IN PLANTER

- Free Standing movable Planter** -
Varied sizes
Material: steel - corten.
- Manual Irrigation system to all trees**
Irrigation / Aeration System
Large Capacity Irrigation system with 80mm fixed non-removable grid inlet
Length- 3m
60mm Diameter circuit and vertical pipes
- Planting**
- Bark Mulch**
50mm depth amenity grade bark mulch
800mm diameter to each tree pit
Samples to be approved for landscape architect approval
- Important topsoil**
To top 300mm depth of tree pit
To BS3882:2007. Samples to be approved for landscape architect approval
- Imported Sub Soil**
To bottom 700mm depth of tree pit
Base of pit to be broken up and percolation test to be performed on each tree pit to ensure tree pits are free draining prior to planting.
To BS8601:2013.
Samples to be approved for landscape architect approval
- Drainage Layer**
Minimum 145mm depth cleaned free-draining gravel
- Multi-stem Tree**
Refer to planting schedule
- Tree anchoring.**
- Treegator**
Size: 50L Capacity

0m 5 10 15 20 25

P05	21/02/25	Planning condition updates	CS	AM
P04	06/06/24	Planning Issue	CS	AM
P03	10/04/24	Planning Issue	AM	AM
P02	08/03/24	Planning Issue	AM	AM
P01	19/01/24	Draft Planning Issue	CS	AM

Revision	Date	Description	Drawn	Apprvd.
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Client Science Museum Group

Project Science Industry Museum

Drg Title General Arrangement
Proposed Softworks

Created on 17/10.23
Created by LK
Approved by AM

Scale 1:500
Size A1
Workstage PLANNING
Status

Drg No. 2913-PLA-XX-XX-DR-L-2004
Suitability S4
Revision P05
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