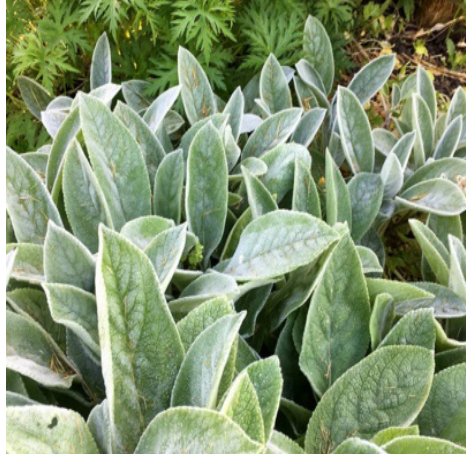


Indicative Tree Planting: final species to be confirmed at later stage				
Code	Species - Latin	Common Name	Quantity	Size: girth (cm)
Cp	<i>Cercis siliquastrum</i>	Judas Tree	2	20-25, 300-450cm high
Zs	<i>Zanthoxylum simulans</i>	Sichuan Pepper Tree	2	20-25, 300-450cm high
Mp	<i>Maclura pomifera</i>	Osage orange	1	20-25, 300-450cm high
Eu	<i>Eucommia ulmoides</i>	Hardy Rubber Tree	1	20-25, 300-450cm high

Species indicative at this stage. Final Species to be confirmed at later stage via condition



Indicative Plant Species



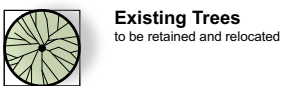
THIS DRAWING IS COPYRIGHT PROTECTED AND MAY NOT BE REPRODUCED IN WHOLE OR PART WITHOUT WRITTEN AUTHORITY FROM THE OWNER.

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

BOUNDARIES

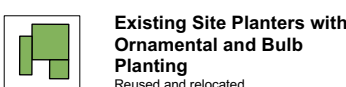


SOFTWORKS



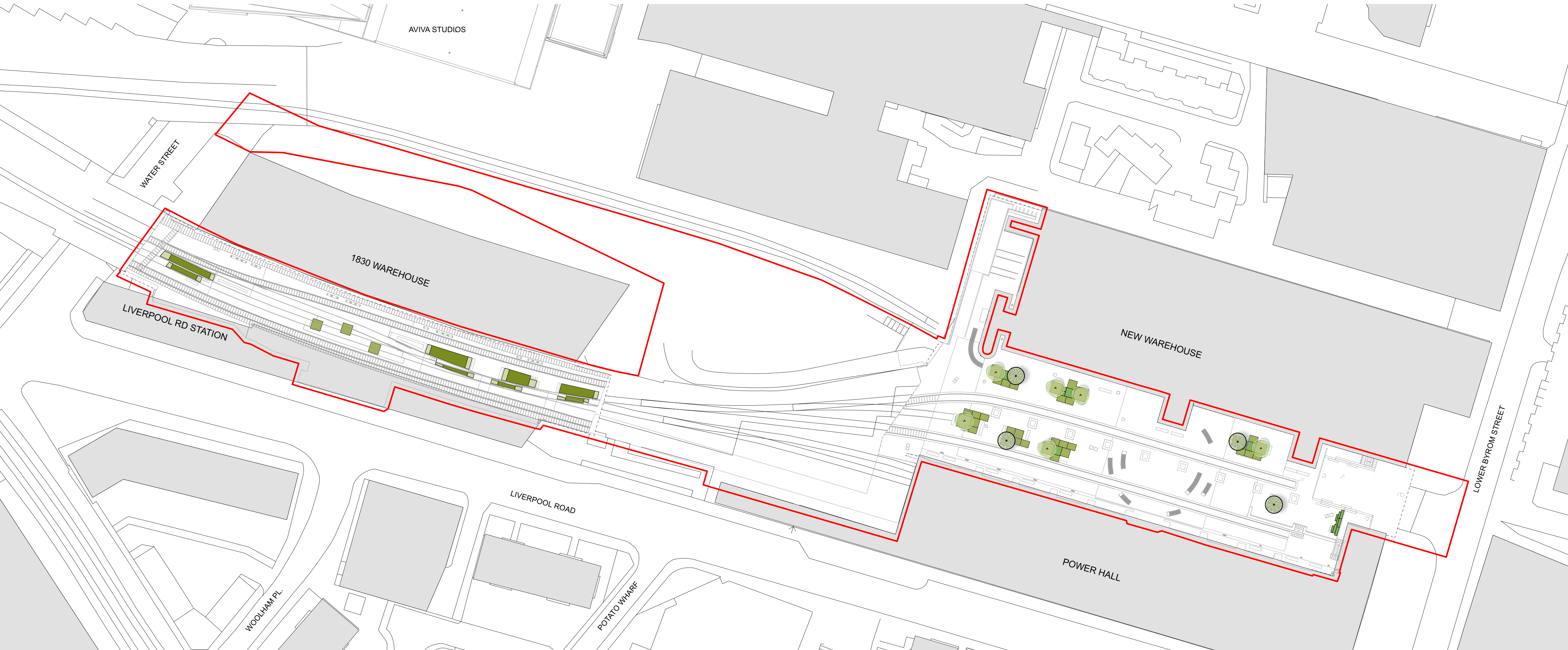
Proposed Multi-Stem Trees
300-450cm 3-4.5m height
Final species to be confirmed at later stage

Ornamental and Bulb Planting
In free standing steel planters



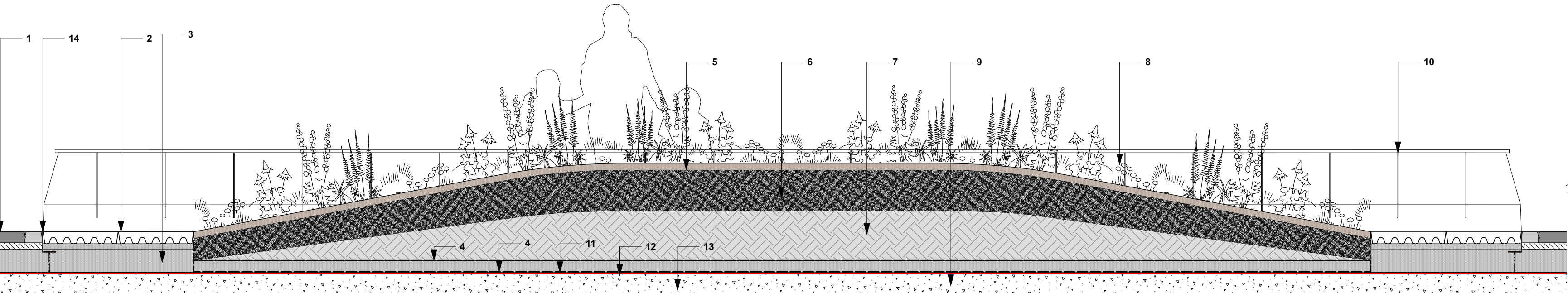
Ornamental and Bulb Planting
In in-ground planters

Sedum / Wildflower Trays
Material: Polypropylene.
Size: (W): 540 x (L): 540 x (D): 90mm.



PLANTER ON STATION APPROACH

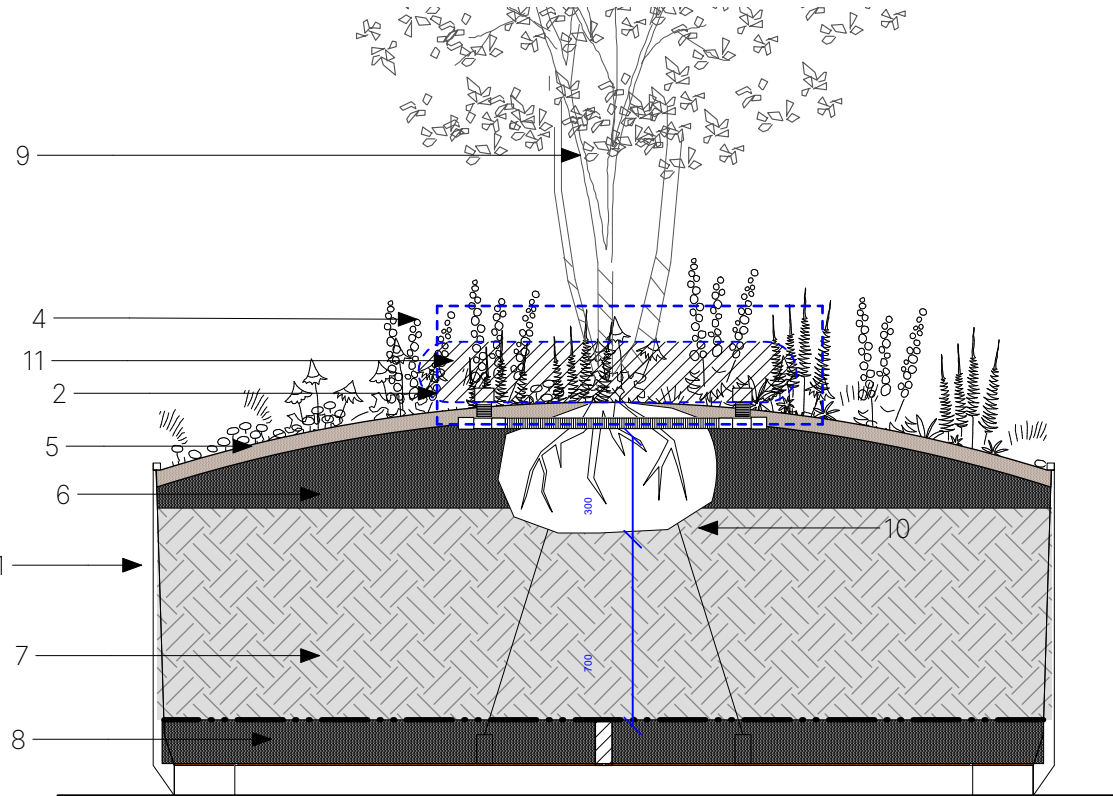
- 1 - New Natural Stone Paving
- 2 - Sedum / Wildflower Trays
Material: Polypropylene.
Size: (W): 540 x (L): 540 x (D): 90mm.
Trays pre-grown in Nursery for 12-18 months prior to installation.
- 3 - Permeable Sub-base
Material: MoT Type 3.
Depth: Varies.
To engineer's specification.
- 4 - Geotextile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



1 Typical Planter Station Approach - Section
Scale: 1:25



Indicative Steel Planter



2 F7- Typical Planter - Section
Scale: 1:25

TREE IN PLANTER

- 1 - Free Standing movable Planter -
Varied sizes
Material: steel - corten.
- 2 - 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
- 4 - Planting
- 5 - Bark Mulch
50mm depth amenity grade bark mulch
800mm diameter to each tree pit
Samples to be approved for landscape architect approval
- 6 - Important topsoil
To top 300mm depth of tree pit
To BS3882:2007. Samples to be approved for landscape architect approval
- 7 - 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
- 8 - Drainage Layer
Minimum 145mm depth cleaned free-draining gravel
- 9 - Multi-stem Tree
Refer to planting schedule
- 10 - Tree anchoring.
- 11 - Treegator
Size: 50L Capacity

0 0.5 1.0 2.0
Scale Bar (m)

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	Aprvd.
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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** P04
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