

Red line boundary indicates extent of clients ownership. All planting in Area B is proposed within clients lands and outside of the existing drainage ditch. Specimen trees planted in gaps between existing trees whilst hedging will be planted beneath existing Scots Pine boundary with some lower deadwood of these trees being removed.

AREA B:
 197 sq.m of bare root planting mix
 3 x Betula pendula (8-10cm grth)
 2 x Quercus petraea (8-10cmgrth)
 2 x Ilex aquifolium (8-10cmgrth)
 2x Sorbus aucuparia (8-10cmgrth)

AREA C:
 218 sq.m of Bulb planting and grass reinstatement
 68.3 sq.m of Bioretention Area
 2 x Sorbus aria (16-18cm grth)
 2 x Quercus robur f. (16-18cm grth)
 2 x Liquidamber styraciflua (16-18cm grth)
 3 x Salix a. (8-10cm grth)
 4 x Alnus g. (8-10cm grth)
 3 x Corylus a. (8-10cm grth)

AREA A:
 2 x Liquidamber styraciflua (16-18cm grth)
 347 sq.m Grasscrete permeable surface
 124 sq.m Bulb planting and grass reinstatement

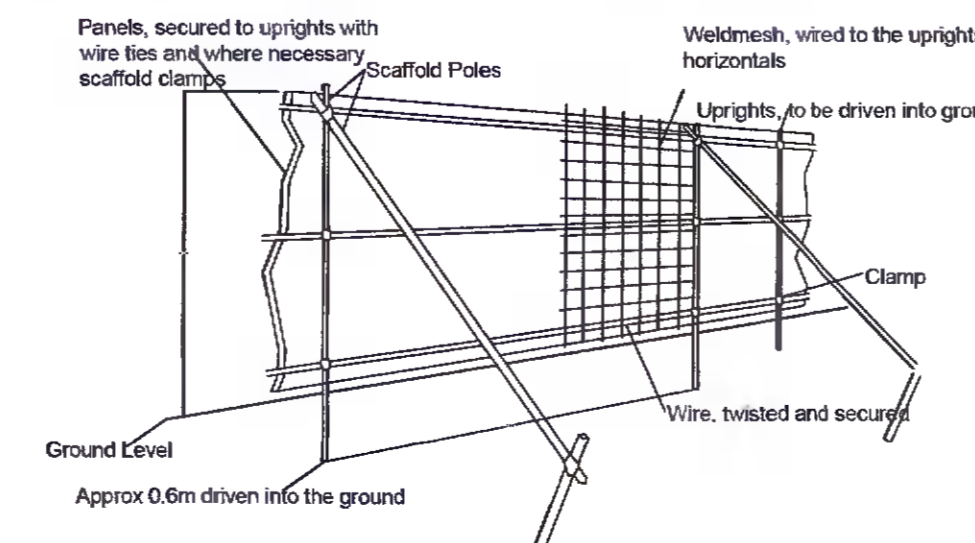
AREA D:
 21.3 sq.m Bioretention Area
 2 x Salix a. (8-10cm grth)
 1 x Alnus g. (8-10cm grth)
 1 x Corylus a. (8-10cm grth)

50 no. bicycle parking bays

- PROPOSED TREES**
- SPECIMEN TREES**
 (LS) Liquidamber styraciflua
 Extra Heavy Standard 16 - 18 cm grth, 4m height
 (SA) Sorbus Aria
 Extra Heavy Standard 16 - 18 cm grth, 4m height
 (QR) Quercus robur fastigiata
 Extra Heavy Standard 16 - 18 cm grth, 4m height
- STANDARD TREES**
 standard, 2x yr, 8-10cm grth, 250-300cm high,
 150-175cm clear stem.
 Betula pendula (Birch)
 Quercus petraea (Oak)
 Ilex aquifolium (Holly)
 Sorbus aucuparia (Rowan)
- NATIVE HEDGING**
 ALL BTR 1+2, 120cm tall/300mm centres
 double staggered row
 35% Crataegus monogyna (Hawthorn)
 20% Ilex aquifolium (Holly)
 15% Prunus spinosa (Blackthorn)
 15% Rosa canina (Dog rose)
 15% Sambucus nigra (Elder)
- BULB PLANTING**
 50% Narcissus 'February Gold'
 20% Hyacinthoides non-scripta
 15% Galanthus nivalis
 15% Crocus spp.
- BIORETENTION PLANTING**
 standard, 2x yr, 8-10cm grth, 250-300cm high,
 150-175cm clear stem,
 Salix alba (Willow)
 Alnus glutinosa (Alder)
 Corylus avellana (Hazel)
- GRASSCRETE**
 Permeable grasscrete paving (see engineers detail)
- TREES TO BE REMOVED**
- TREE PROTECTION FENCING**
- REDLINE BOUNDARY**

- LANDSCAPE PLANTING**
- 197 sq.m of bare root planting mix
 84 sq.m Bioretention Area
 342 sq.m Bulb planting
- PROPOSED TREES - Total 29 no.**
- 8-10 cm grth trees
 3 x Betula pendula
 2 x Quercus petraea
 2 x Ilex aquifolium
 2x Sorbus aucuparia
 5 x Salix alba
 5 x Alnus glutinosa
 4 x Corylus avellana
- 16-18cm grth trees
 2 x Sorbus aria
 2 x Quercus robur f.
 2 x Liquidamber styraciflua

Drawn by: PS	Checked by: JG
Sheet Title: Landscape Plan	
Sheet No.: 21127_LP_01	
Project Architect: EMD Architects	
Stage: for planning	
Scale: 1/200 @ A1	Revision: B
Date: Nov 2021	



TREE PROTECTION - BS 5837 : 2005 TREES IN RELATION TO CONSTRUCTION

All tree protection works to be in accordance with BS 5837 : 2005 and approved by consulting arboriculturist or landscape architect.

All trees to be retained on site are to be protected by effective fencing defining the Construction Exclusion Zone (CEZ). The fencing excludes construction activities from the Root Protection Area (RPA) which contains sufficient rooting volume to ensure the survival of the tree. The RPA measured in m² is calculated as an area equivalent to a circle with a radius 12 times the stem diameter for single stem trees. Fencing is to be installed before any materials or machinery are brought onto the site and before any demolition or development, including erection of site huts, commences. Once erected, fencing and ground protection are to be regarded as sacrosanct, and should not be removed or altered without the prior consultation with the consulting arboriculturist or landscape architect. Protective fencing should consist of a scaffold framework in accordance with Figure No. 1 comprising a vertical and horizontal framework, well braced to resist impacts, with vertical tubes spaced at a maximum interval of 3m. Onto this, weld mesh panels or 2m high shuttering board should be securely fixed with wire of scaffold clamps. Notices should be erected on the fence with words such as, 'Keep out' or 'No operations past this point'.

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Project Title: Redevelopment and alterations to unit 2007/2008 Orchard Ave, City West
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