

LANDSCAPE DESIGN STATEMENT

Land between Villiers Road
and Penrhyn Road Knowsley
Business Park

Doc ref: 22_208_LDS_RP01B

Project: Commercial warehouse development

Location: Land between Villiers Road and Penrhyn Road, Knowsley Business Park

Date: February 2022

Prepared for: Pembury Developments Limited.

1.0 GENERALLY

- 1.1 This landscape design statement is to be read in conjunction with Mood Landscape drawings ref: 22_208_L001 Rev A Detailed Landscape Layout and 22_208_L002 Rev B Illustrative Landscape Cross-sections.
- 1.2 Reference should also be made to the Design and Access Statement prepared by AJA Architects submitted as part of the planning application.

Existing Trees and Vegetation

- 1.3 A pre-development arboricultural survey and implication assessment has been carried out by Lowther Forestry Limited Ref: F476-01 / BK. The existing site includes a number of groups of trees around the western boundary of the site and these are shown on Lowther Forestry drawing ref: F476-01-Rev A-D01.
- 1.4 The remainder of the site is dominated by scrub with centrally placed patches of rough and rush dominated grassland and species are described in detail in the Ecological Assessment Ref: 10337.EcoAs.dv4 prepared by Ecology Solutions Ltd.

2.0 LANDSCAPE STRATEGY

- 2.1 The proposed soft landscape layout is shown on Mood Landscape drawing ref: 22_208_L001 Rev A which is based on the site layout proposals shown on AJA Architects drawing ref: 6982 – 010 Rev G.

- 2.2 The principal objectives of the landscape proposals are:
- to assist with the integration of the proposed development into its surroundings;
 - provide screening of areas and activities on site;
 - contribute to the ecological connectivity and biodiversity on the site and
 - to create a high-quality setting for users of the site.

3.0 LANDSCAPE PROPOSALS

Refer to Mood Landscape drawing ref: 22_208_L001 Rev A showing the detailed landscape proposals.

Existing trees

- 3.1 The main groups of existing trees and vegetation on site will be removed to facilitate development. However two groups of scots pine in the north-west and south west corners of the site are to be retained. These trees are to be thinned for silvicultural reasons and some individual stems removed to allow for earthworks required for development. Retained trees are to be protected in accordance with Lowther Forestry Ltd. Arboricultural Method Statement and drawing ref: F476-01-Rev B- D02.
- 3.2 The areas under existing trees are to be carefully treated to avoid disturbance within the root zone and areas are to be enhanced by selective clearance of scrub vegetation and seeding with shade tolerant wildflower seed mix in accordance with ecologist's recommendations.

Western Boundary

Refer to section AA on Mood Landscape drawing ref: 22_208_L002 Rev B and Artist's impression View A

- 3.3 The western end of the site includes the proposed car park area fronting both Penrhyn Road and Villiers Road. A wide landscape boundary is included between the existing footway and the proposed car park with a mixed species native hedge planted along the boundary and Extra Heavy Standard trees. Hedge will be kept trimmed to a height of 1.2-1.5m which will allow screening of car park area whilst still allowing views of the building. Proposed ground levels grade up to car park which is higher than the existing footway and area is to be planted with mixed native and ornamental shrubs and groundcover planting.

Northern Boundary

Refer to section BB on Mood Landscape drawing ref: 22_208_L002 Rev B and Artist's impression View B

- 3.4 The northern boundary of the site fronts onto Penrhyn Road. The proposed building is set 3m back from the back of pavement and there are two fire escape stairs from the building that exit onto the footway. The building is higher than the footway and the embankment is to be planted with groundcover shrub planting along the footpath edge with taller shrub planting at the back of the planted area. Specimen multi-stemmed shrubs (Amelanchier) are also planted along the elevation. This planting will develop to provide low level screening of the building and softening of the built form.

- 3.5 At the western end of the northern boundary existing pines and wider planted boundary between the car park and Penrhyn Road includes a block of native species thicket planting and trees and shrubs to screen car park. At the eastern end of the northern boundary the proposed Extra Heavy Standard tree and hedge planting will provide screening of service yard and ground level activities from the road and footway.

Eastern Boundary

Refer to section CC on Mood Landscape drawing ref: 22_208_L002 Rev B and Artist's impression View B

- 3.6 The eastern end of the site includes the service area to the proposed Distribution Centre fronting accessed from Villiers Road. A wide landscape strip on the eastern boundary is included between the existing footway and the service yard with a mixed indigenous species hedge and thicket planting and Extra Heavy Standard trees. Hedge will be planted around the perimeter of the proposed security which will provide screening of service yard. Ground cover planting is included along the back of footway to avoid obstruction of pavement.
- 3.7 The proposed native hedge and tree planting continues around the security fence along both the northern and southern boundaries (see section DD on drawing ref: 22_208_L002) to provide continued screening of the service yard from both Penrhyn and Villiers Road.

Southern Boundary

Refer to sections DD and EE on Mood Landscape drawing ref: 22_208_L002 Rev B.

- 3.8 The northern boundary of the site fronts onto Villiers Road. The proposed building is set 3m back from the back of pavement and there are two fire escape doors from the building that exit onto the footway. The landscape boundary between the building and pavement is to be planted with groundcover shrub planting along the footpath edge with taller shrub planting at the back of the planted area. Specimen multi-stemmed shrubs (Amelanchier) are also planted spaced along the elevation. This planting will develop to provide low level screening of the building and softening of the built form from views from Villiers Road.
- 3.9 At the western end of the southern boundary existing pines and wider planted boundary between the car park and Villiers Road includes a tree, hedge and shrub planting to screen car park. At the eastern end of the southern boundary the proposed Extra Heavy Standard tree and hedge planting will provide screening of service yard and ground level activities from the road and footway.

Proposed planting

- 3.10 Plants have been selected to provide a varied mix of evergreen and deciduous species with contrasting flowers, form and seasonal variation. Where appropriate native species are proposed to increase habitat biodiversity across the site and provide ecological connectivity. In addition plants where possible are selected with reference to the RHS I list of plants for pollinators.

4.0

4.1

CONCLUSION

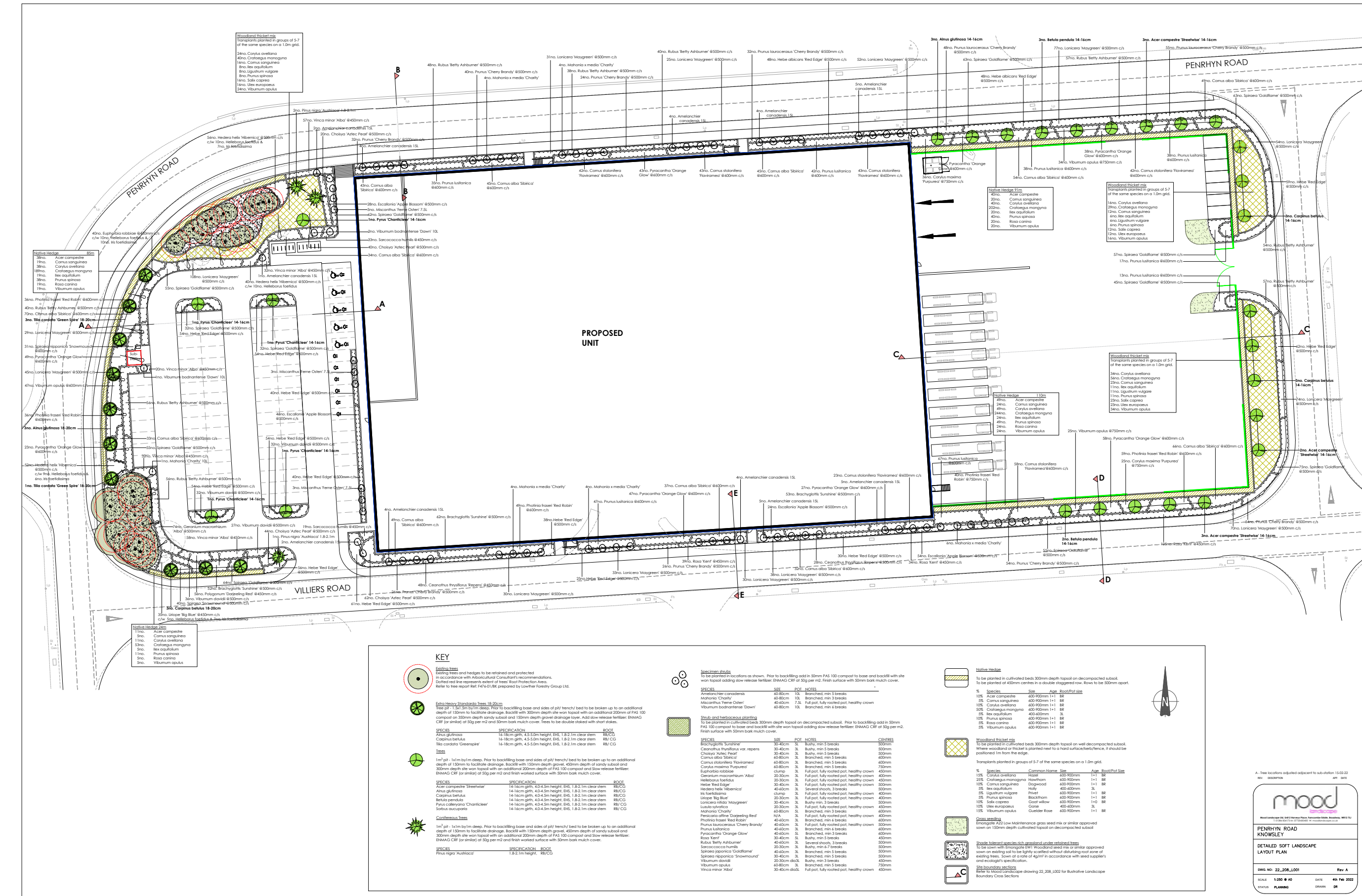
It is envisaged that the proposed landscape treatment for the land between Villiers Road and Penrhyn Road at Knowsley Business Park will provide an environment that will benefit and be enjoyed by staff and visitors to the site. In addition, over time the shrub and tree planting will develop to provide improved screening, softening and habitat diversity to help to assimilate the proposed distribution centre into the surroundings.

APPENDICES

Appendix A - Proposed drawings

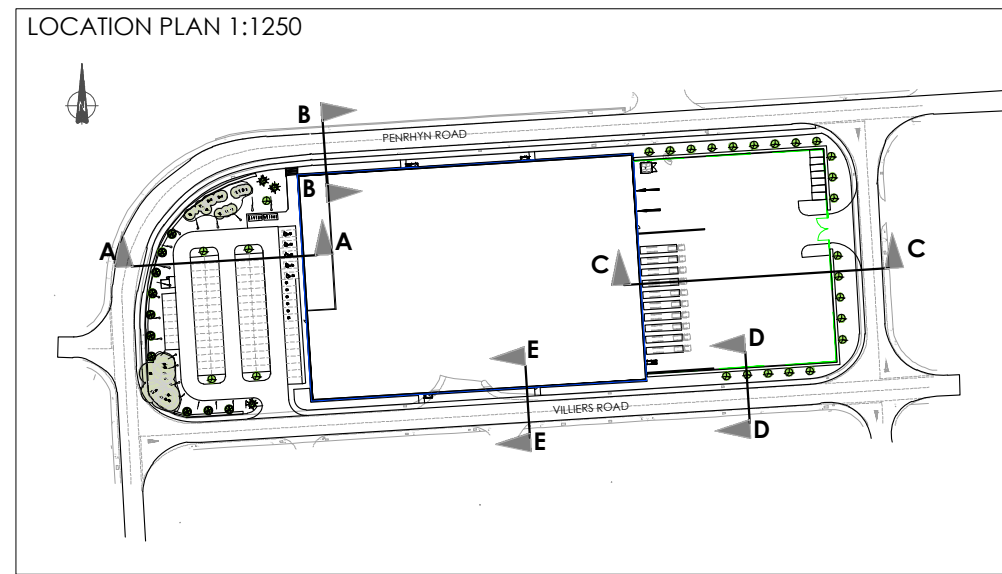
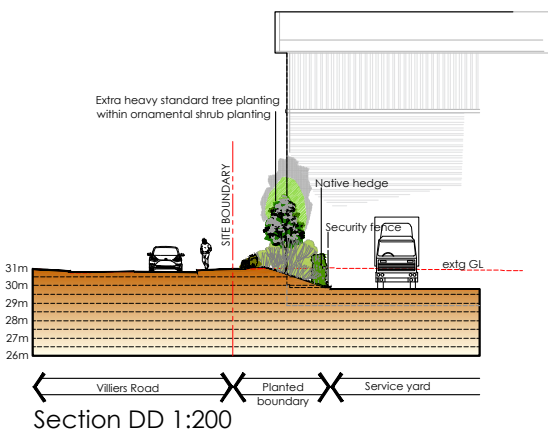
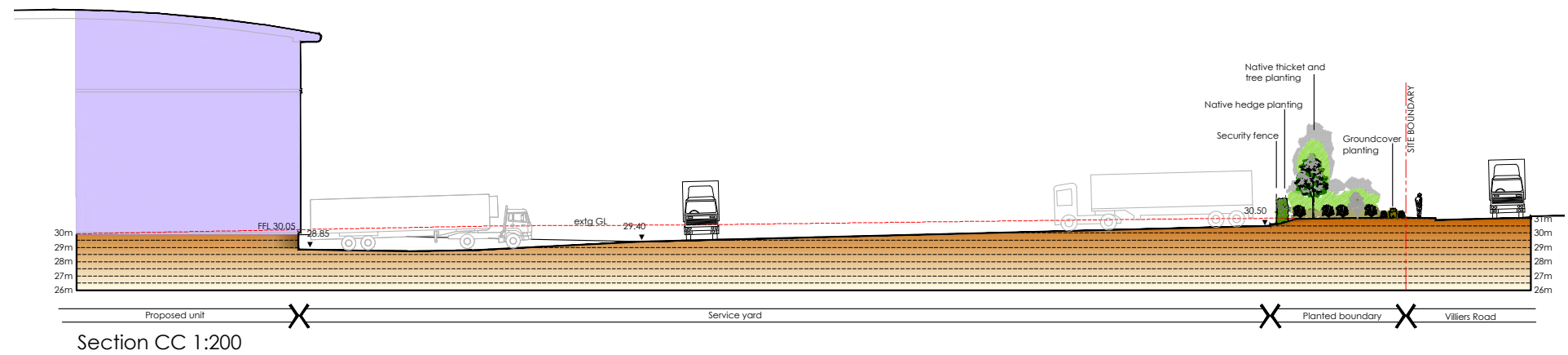
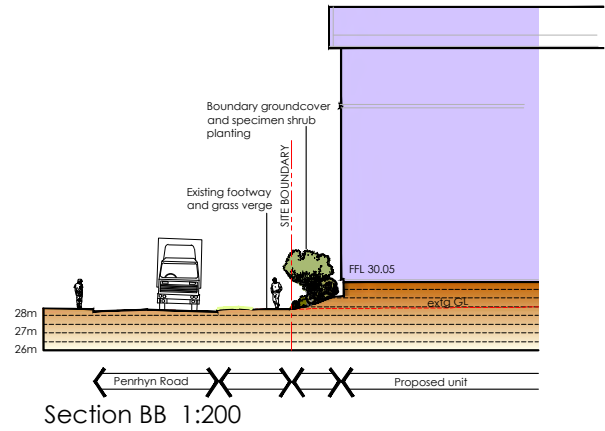
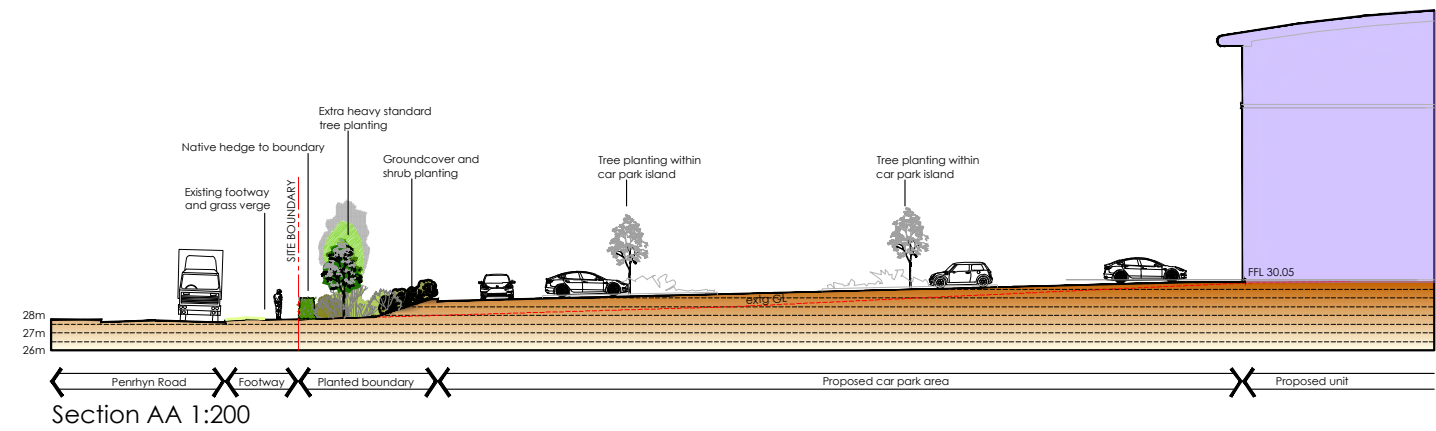
Drawing Ref: 22_208_L001 Rev A Detailed Landscape Layout

Drawing Ref: 22_208_L002 Rev B Illustrative Landscape Cross Sections



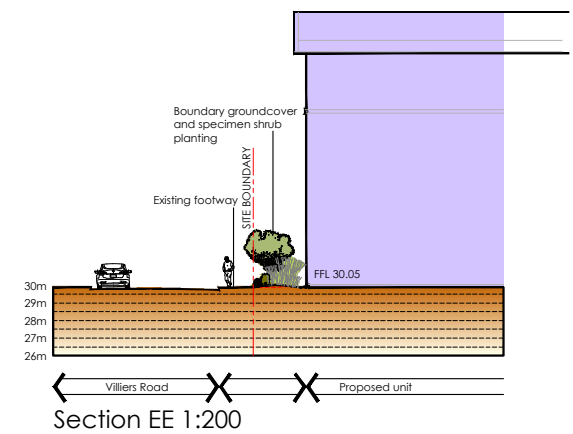
Detailed Soft Landscape Proposals

NB - Refer to Mood Landscape Ltd drawing ref :22_208_L001A for detailed soft landscape layout
Existing levels based on Greenhatch topographical survey ref: 42584_T_REV_1 and
proposed levels as shown on Burrows Graham drawing ref: 21133-BGL-XX-XX-DR-S-0020 Rev P2



KEY TO SECTIONS

- Indicates height of vegetation at initial planting
- Indicates expected height of vegetation 5-7 years after planting
- Indicates expected height of vegetation 10-12 years after planting



B - sections AA and CC updated to suit engineer's revised levels. 16-02-22
A - section reference updated 15-02-22

REV.	DESCRIPTION	APP.	DATE
1			

mood
landscape

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PENRHYN ROAD
KNOWSLEY

ILLUSTRATIVE LANDSCAPE
BOUNDARY CROSS-SECTIONS

DWG. NO: 22_208_L002	REV: 8
SCALE: 1:200 @ A1	DATE: 11 FEB. 2022
STATUS: PLANNING	DRAWN: DR

Illustrative Landscape Cross Sections

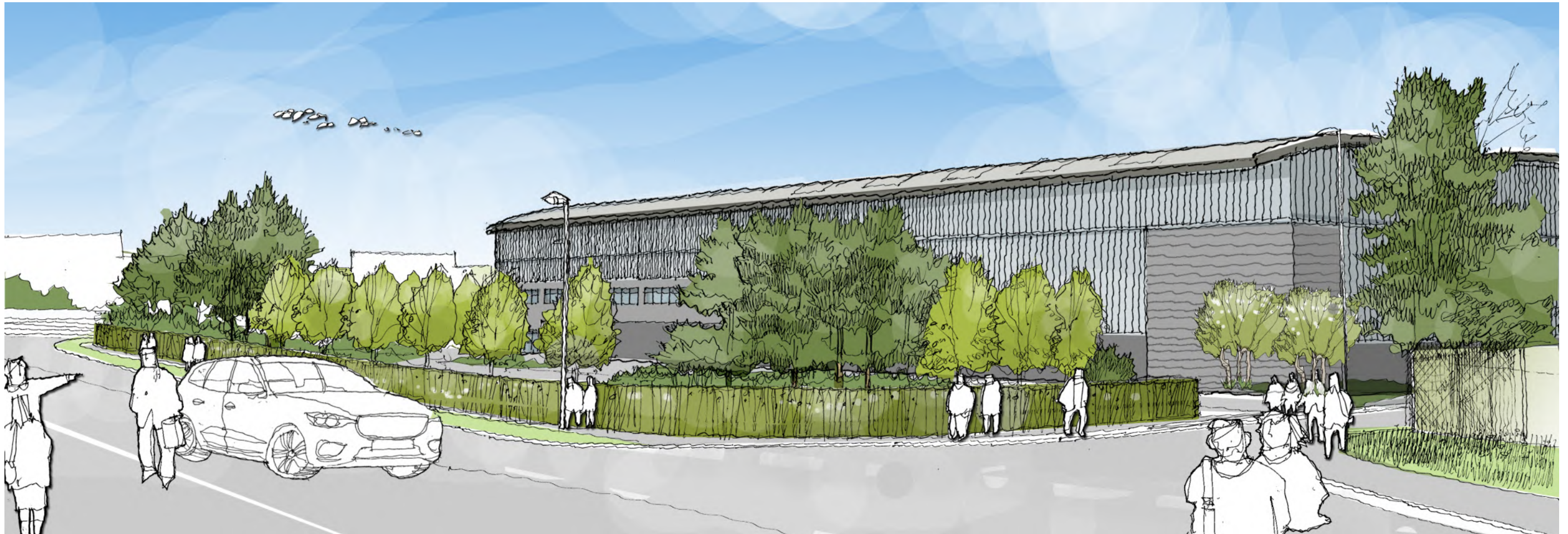
APPENDICES

Appendix B - Illustrative Artist's Impressions of Proposed Development

View A - Sketch view of south-west corner of site opposite junction between Penrhyn Road and Villiers Road

View B - Sketch view of north-east corner of building looking east along the northern elevation to Penrhyn Road

View C - Sketch view of north-east corner, at rear of service yard, looking west along Penrhyn Road



View A - Sketch view of south-west corner of site opposite junction between Penrhyn Road and Villiers Road



View B - Sketch view of north-east corner of building looking east along the northern elevation to Penrhyn Road



View C - Sketch view of north-east corner, at rear of service yard, looking west along Penrhyn Road