

Austin-Smith : Lord

Devonshire Place, Port Talbot

Landscape - Stage 3 Proposal
Linc Cymru



PORT TALENT
SECONDARY
SCHOOL

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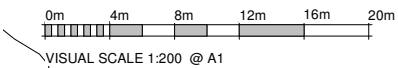
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Job Number:	222006
Document Number:	222006-ASL-00-00-RP-L-0100
Suitability Code:	XX
Revision Number:	P.02
Issue Date:	5.12.2022
Author / Check:	RP / SV
Revision Notes:	Stage 3 Report / Planning Application

01 Landscape Masterplan



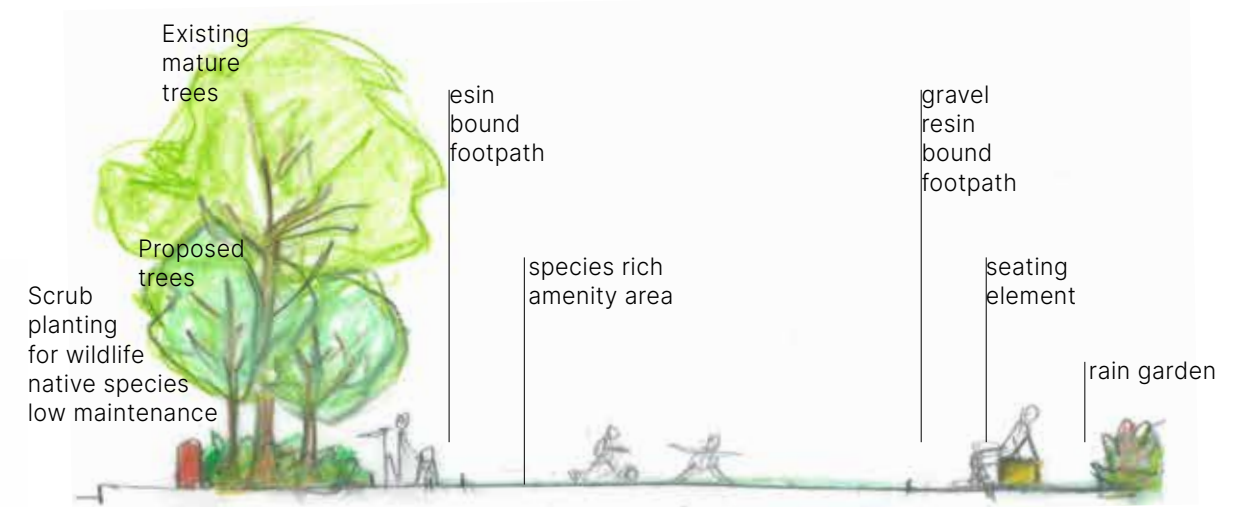
General Arrangement



Key

- Site Boundary
- Boundary between residents
Refer to Architect's information.
- Adopted Carriageway
- Adopted Footway
- Footway
- Permeable Paving Blocks
- Paving Blocks - to back garden areas
- Resin Bound Gravel- Footpath
- Amenity Grass Seed with scented Clover
- Turf
- Wildflower Meadow
- Rain Garden (Type 1)
- Rain Garden (Type 2)
- Proposed Shrub
- Proposed Tree
- Tree retained
- Tree Root Protection Area for existing trees
- Underground Attenuation Tanks
Please refer to engineer's proposals
- 5m Easement for attenuation tank
- Timber seating

02 Open Space Proposal



Typical Section of Public Open Space
Open Space surrounded by resin bound footpath, with localised timber seating elements for informal play and recreation.

SUDs rain garden
with shrub species

Existing timber seating elements
to be cleaned, and treated to be reinstated in the POS area

Mown lawn
Species rich informal play and recreation area

Proposed tree planting

Existing trees to be retained to boundary

Resin bound footpath

Wild flower meadow boarder

Mix native species planting
herbaceous and shrub species
with ecological value

Existing walls
Please refer to the architects' proposal

01 Precedent Images

01.1 Precedent Images Form

Residential Landscape

The landscape of the housing area is designed to delineate the hierarchy of streets and spaces from the main spine road to the two courtyard spaces to the east and west. The courtyards and parking spaces off the main spine are surfaced with permeable unit pavers. A permeable resin-bounded gravel path follows the main spine to connect to the Public Open Space (POS) to the south.

The roadside planting areas and house frontage planting strips are rain gardens, encouraging the infiltration of surface water and run off to support the wider surface water management strategy.

Avenue and tree groups of native species, provide structure, softness and seasonal interest.

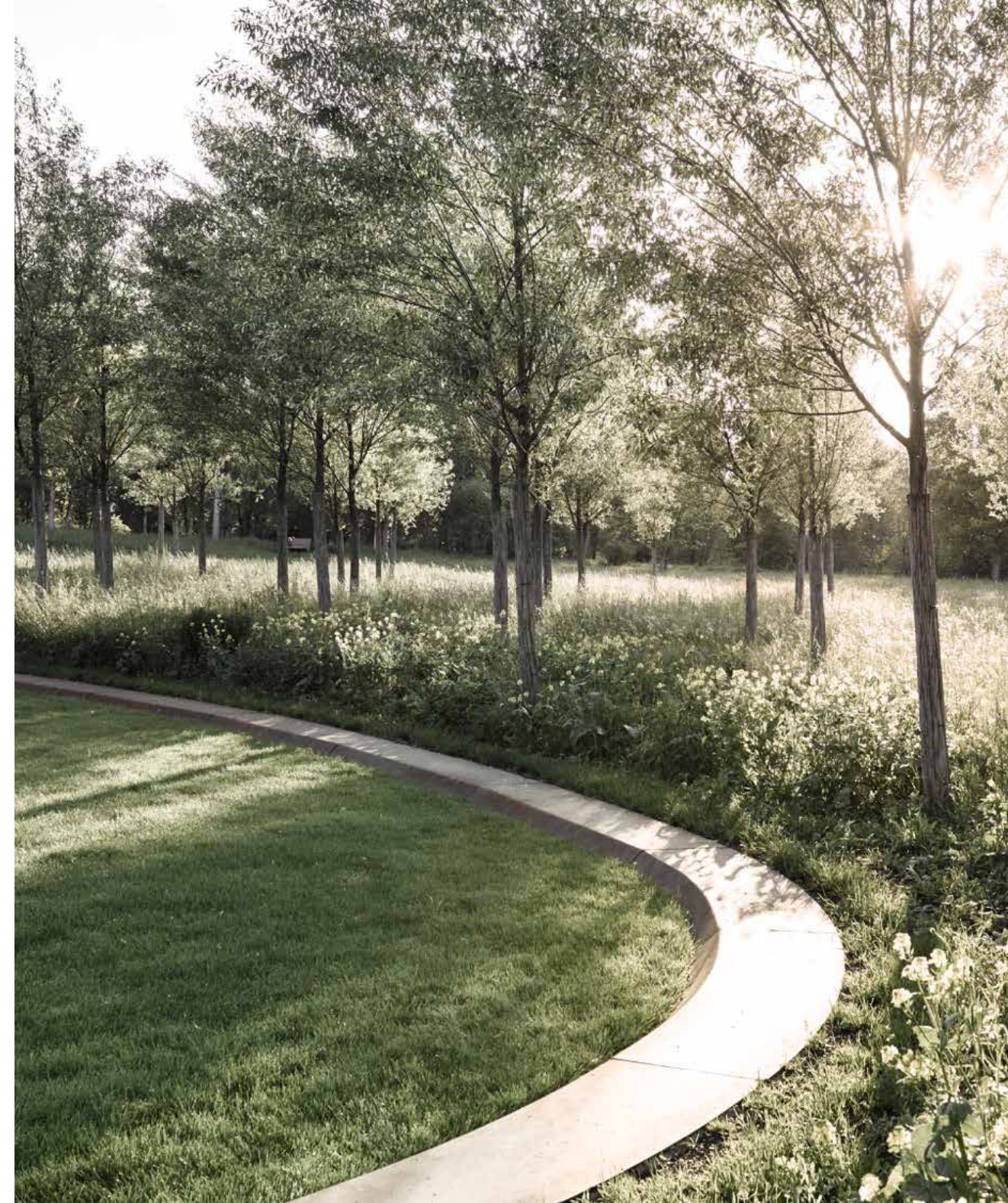
Public Open Space

To the south of the residential units a triangular public open space is proposed in the corner of Devonshire Place and Talcennau Road. The structure of the space is established by the presence of the mature trees to the site boundary and the stone boundary wall itself. Railing are set into stretches of the wall. The qualities of the space are therefore already firmly established and the landscape treatment is designed to reflect and enhance the character of a glade recreating an intimate garden space.

The central area of amenity grass is framed by a sequence of ornamental species creating a natural boarder that also introduces ecological value. Maintenance of this space will be made by differential mowing, creating an inward oval lawn for informal play and recreation, edged with wildflower meadow. The structural hierarchy is further extended with mixed planting borders against the housing facades and medium height native shrubs that support birds and flowering trees around the edges to screen the sub-station and bring visual seasonal interest.

The paths are simple landscape elements that pick up the curvilinear lines of the lawn. The existing timber seating elements are resintated with in the POS area.

Lighting provides security and safety and extends the use of the space into the evening.



01.2 Precedent Images Habitat

Planting

Native species would predominate the planting mixes, selected to provide diversity, nectar-rich species to benefit and encourage pollinators, invetebrates and birds as also seasonal colour interest. Most of the planting within the housing area also fulfills an important role as a component of the SuDS strategy.

The planting typologies

Proposed Trees species: *Pyrus calleryana* “Chanticleer”; *Amelanchier lamarckii*; *Betula pendula*; *Tilila x europaea*
Native structural shrub species to provide scrub for birds and wildlife underneath mature trees and proposed tree’s canopy. Species mix: *Corylus avellana* (Hazel); *Virburnum opulus* (Guilder rose); *Prunus spinosa* (Blackthorn); *Rosa Canina* (Dog Rose); *Crataegus monogyna* (Hawthorn); *Cornus sanguinea* (Dogwood) and Ground cover species: *Campanula carpatica*; *Anemone nemorosa*; *Adjuga reptans*; *Erigeron sp.*; *Anthemis tinctoria*; *Centranthus ruber*.
Rain garden Type 1 - wetland ornamental herbaceous wildflower mix species: *Helleborus foetidus*; *Bergenia* ‘Overture’; *Osmunda regalis*; ‘*Dryopteris dilatata*; *Lobelia cardinalis*; *Geranium* ‘Rozanne’ AGM = “Gerwat’ (PBR); *Helenium* “Moerheim Beauty’; *Helenium puberulum* “Autumn Lollipop*; “*Anemone x hybrida* “Honorine Jobert*’

Rain garden Type 2 - shrub and ornamental herbaceous species: *Sambucus nigra* ‘Eva’ Black Lace; *Cornus sanguineum* Midwinter Fire*; *Sedum* Purple Emperor’; *Carex pendula*

Turf grass to back gardens and central anemity area WFT- Species Rich 26 by Wildflower Turf Ltd

Wildflower meadow mix - Emorsgate EM2F (standard general purpose wild flowers) or Naturescape N1F (general purpose mix flowers) or equivalent and approved

Amenity seeded grass mix to Front gardens- to include scented clover Emorsgate EL1 or Naturescape N14 or equivalent and approved



Further Ecological Enhancements

Nesting boxes, bee and other insect hotels and hibernacula will be built into the structures around the landscape, associated with the appropriate habitat. These will be coordinated with the Ecologist in Stage 4. Bees Blocks and nest box by Green&Blue precedent images.



01.3 Precedent Images SuDS

Paving and Planting

The landscape proposals have been carefully coordinated to support the overall drainage strategy for the site, with the intention of slowing the discharge of rainwater and maximising infiltration into the ground. Permeable paving in the courtyards and parking areas, and resin-bounded gravel permeable footpaths in conjunction with the below ground infiltration tanks, would enable the slow percolation of rainwater into the groundwater.

Planted raingardens would border parking areas and houses, designed to receive run off and feed the rainwater slowly into the system. Species would be selected to withstand these challenging conditions, yet still provide attractive, colourful areas of planting.

Lawn areas and wildflower meadows would also have a role to play in providing substantial areas for infiltration and designed to accept run off from adjacent hard surfaces.



01.4 Precedent Images Materials

Highways

Macadam

Trafficked Courtyards and Parking Areas

All concrete pavers by Hardscape:

210 × 105 - Breccia Grigio in H2O for permeable areas and standard construction for impermeable areas.

300 × 75 - Breccia Grigio for impermeable pedestrian paved areas

Footpaths

Addabound Dune - Resin bound 3mm gravel by Addagrip.



01.5 Precedent Images Furniture & Boundary

Lighting

LP Capsule (or similar) by Louis Poulsen.
Please refer to the engineers' proposal.

Walls

Existing and proposed stone walls - please refer to the architects' proposal.

Railings

Existing and proposed railings - please refer to the architects' proposal.

Timber fence

Proposed closed timber fence between plots - please refer to the architects' proposal.

Benches

Existing seating timber elements to be cleaned and treated and relocated at the POS area.



01.6 Public Open Space
reference space



Proposed POS - informal play area



Gallipoli Row x Smyrna Cottages crossing
Local informal play area POS reference

Bristol

40 Berkeley Square
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