Schedule A - Proposed Tree Planting

Plant Name	Specification	% mix	m	density	Total Plants
Acer campestre (Ac)	*Girth 8-10cm, 2.5 - 3m height, container grown*	-	-	As Shown	17
Acer campestre 'Streetwise' (As)	*Girth 8-10cm, 2.5 - 3m height, container grown*	-	-	As Shown	7
Tilia x europaea (Te)	*Girth 12-14cm, 4 - 6m height, container grown*	-	-	As Shown	5
Betula pendula (Bp)	*Girth 8-10cm, 2.5 - 3m height, container grown*	-	-	As Shown	18
Pinus sylvestris (Ps)	*Girth 8-10cm, 2.5 - 3m height, container grown*	-	-	As Shown	3
Crataegus monogyna (Cm)	*Girth 8-10cm, 3 - 3.5m height, container grown*	-	-	As Shown	6
Ilex aquifolium (Ia)	*15L pot, 1.5 - 2.5m height, container grown*	-	-	As Shown	8
Prunus avium (Pa)	*Girth 8-10cm, 3 - 3.5m height, container grown*	-	-	As Shown	5
Quercus robur (Qr)	*Girth 12-14cm, 4 - 6m height, container grown*	-	-	As Shown	6
Sorbus aucuparia (Sa)	*Girth 8-10cm, 2.5 - 3m height, container grown*	-	-	As Shown	16
Total					**92**

Schedule B - Proposed Native Hedgerow Mix

**To be planted as double staggered rows*

Plant Name	Specification	% mix	Linear m	density per m	Total Plants
Ilex aquifolium	*2L pot, Container grown*	10	52	5	258
Acer campestre	*1+1 bare root, 40-60cm whip*	15	0	5	0
Corylus avellana	*1+1 bare root, 40-60cm whip*	10	0	5	0
Crataegus monogyna	*1+1 bare root, 40-60cm whip*	15	0	5	0
Prunus spinosa	*1+1 bare root, 40-60cm whip*	10	0	5	0
Prunus padus	*1+1 bare root, 40-60cm whip*	10	52	5	258
Quercus robur	*1+1 bare root, 40-60cm whip*	15	77	5	386
Viburnum opulus	*1+1 bare root, 40-60cm whip*	15	77	5	386
Total Length					**1,288**

Schedule C - Proposed Single Species Hedgerow

**To be planted as double staggered rows*

Plant Name	Specification	% mix	Linear m	density per m	Total Plants
Ilex aquifolium	*1+1 bare root, 40-60cm whip*	40	139	5	519.2
Acer campestre	*1+1 bare root, 40-60cm whip*	10	52	5	258
Corylus avellana	*1+1 bare root, 40-60cm whip*	20	103	5	515
Crataegus monogyna	*1+1 bare root, 40-60cm whip*	20	103	5	515
Prunus spinosa	*1+1 bare root, 40-60cm whip*	10	52	5	258
Total m2		**139.6**			

Schedule D - Proposed Planting to Properties

**Miscanthus to be planted to rear of beds*
**To be planted in small groups through beds*

Plant Name	Specification	% mix	m2	density per m2	Total Plants
Athyrium filix-femina	*2L pot, Container grown*	10	17	2	33
Dryopteris filix-mas	*2L pot, Container grown*	10	17	2	33
Festuca glauca 'Elijah Blue'	*2L pot, Container grown*	25	41	5	206
Heuchera sanguinea	*2L pot, Container grown*	25	41	5	206
Miscanthus sinensis	*2L pot, Container grown*	15	25	2	50
Polystichum setiferum	*2L pot, Container grown*	15	25	2	50
Total m2		**165**			-

LANDSCAPE NOTES:

The Planting Notes should be read in conjunction with all landscape drawings, the notes below set out the aims and objectives of the new landscape scheme.

DURING CONSTRUCTION

All works to be carried out by qualified Tree Surgeon outside of bird nesting season and inline with Arboricultural Report.

- Existing trees and boundary vegetation to be retained are protected by Tree Protection Fencing prior to any site works

PREPARATION PRIOR TO PLANTING :

- Before commencing works, the Landscape Contractor is responsible for checking for below ground services in the vicinity of the planting works. Give notice of any that may be affected and obtain instructions before proceeding.

- All planting beds to be bare ground, free of grass, weeds, removing all litter debris and stones.

- Apply approved herbicide, leave for a minimum of 14 days. Remove all arising's from Site.

- All container plants to be well watered in their container prior to planting

- No planting should occur when the ground is frozen or water logged

- Planting areas to have a 450mm depth of clean imported topsoil as per Remediation Strategy (topsoil to BS 3882:2015). Grass areas to have 300mm min clean capping layer. Before laying topsoil, lightly cultivate and loosen the surface a minimum of 300mm, to create a 'key' for the new topsoil.

- Plant materials to confirm to National Plant Specification. All plants to originate within the UK. Planting operations to be in accordance with BS 4428 : 1989.

GENERAL PLANTING NOTES

- New tree planting in grass areas to be in a 0.6m radius, weed free circle, refer to tree pit detail for more information.

- All shrub planting is to be planted in to a weed free bed a minimum 100mm wider than the planting area, plants to be set 100mm back from any fence or wall

- Planting pits to be dug to a minimum depth of 1000mm for trees and 400mm for shrub planting. The sides of all pits are to be loosened avoiding smooth sides

- All planting mixes to be planted in species groups as noted in the schedule

- All tree and hedge planting to have Mycorrhizal Fungi with Gel dusted to bareroots or added to pit to encourage healthy establishment

- All bare root whips to have Tubex (or equivalent) Combi-tube Standard Tree shelter 750mm high x 150mm dia fitted to a 25x25x900mm timber stake, as per manufacturers recommendations.

- All plants to be thoroughly watered in immediately after planting

- All planting beds to be thoroughly mulched with Natural Bark to a lightly consolidated depth of 50mm, finishing 25mm below adjoining finished surface level.

ESTABLISHMENT & MAINTENANCE OF NEW PLANTING :

- During the establishment period visit at eight weekly intervals from April- December to carry out the following to planting areas:

- Control weed growth. Maintaining a weed free area around each plant during the first few years will allow quick establishment of the plants and reduce the likelihood of dieback.

- Prune dead and broken branches/shoots

- Check stakes and ties. Adjust or replace as necessary

- Litter picking of beds

WEED CONTROL IN GRASS AREAS :

- The weed free areas to be maintained as weed free for the first 5 years following planting with mulch woodchip material, all areas topped up to maintain a 50mm depth for the maintenance period. Occasional spraying with a contact herbicide in accordance with the manufacturers instructions may be required.

WATERING :

However, during the first year after planting it may be necessary to water all plants in prolonged periods of dry weather. This usually occurs during May - September. All planting areas should be watered to field saturation using clean fresh water on a weekly basis in these cases.

REMOVAL OF STAKES AND TIES :

- All spiral guards, canes and tree stakes should be removed at the end of years 3-5 following planting.

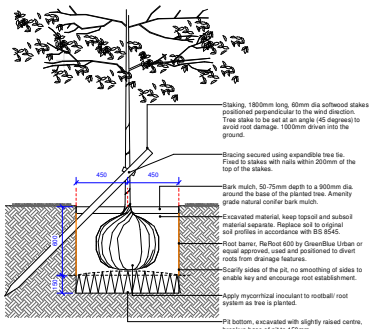
FORMATIVE PRUNING OF TREES

- Prune to shape young trees, but do not cut back the leader

- Remove crossing branches and branches that grow back towards the centre of the tree

- As young trees grow, remove lower branches gradually to raise the crown and retain a clear stem, remove any branches crossingboundary fences

- Remove multiple leaders on evergreens and other trees where a single leader is desirable.



Typical Tree Pit Detail - 1:20

0m 0.4m 0.8m 1.2m 1.6m 2m

VISUAL SCALE 1:20

MANAGEMENT PLAN

Year 1

Habitat
Wildflower Meadow

Actions
- To ensure suitable growing conditions for the establishment of a diverse wildflower meadow, existing nutrient rich topsoil will be removed at the locations identified for meadow seeding. This will be replaced by the addition of more nutrient deficient sub-soil back to the surface level.
- Surface to harrowed or raked to a medium tilth ready for sowing at the specified rate (4g/m2). After sowing firm in with a roll, or by treading, to give good soil/seed contact.
- First years growth after sowing will be a 'flush of annual weeds' these are to be topped or mown before they die back and set seed. Cut 50mm high, remove and compost.
- Litter picking to be carried out by hand and disposed of off-site.

Frequency
- Prior to sowing timing, see below.
- Seed sowing is best in Autumn or Spring.
- Late summer.
- During every visit.

Comments
The sown meadow mix will take the first year to germinate. The first summer will be weeds from the disturbed earth. Refer to seed supplier growing guide for full details.

Year 3-5

Habitat
Wildflower Meadow

Actions
- Litter picking to be carried out by hand and disposed of off-site.
- First 'hay-cut' with strimmer to 50mm in August.
- Leave the cuttings in place for a week to allow seeds to shed, then remove cuttings off site.
- This can be repeated late autumn/early winter to c 50mm and again in spring if needed.

Frequency
- During every visit.
- Hay cut in August and if needed October/ November. A spring cut can be carried out in March if necessary.

After five years, to ensure the meadow habitat is maintained in good ecological condition, active management of the meadow habitat will continue for the lifetime of the site and should follow prescriptions set out in Table 2 (year two to five) above.

Habitat Features

Hibernacula
Location of 2no. hibernacula to west of site. To be constructed with local materials.

Bat Boxes
Bat boxes to 30% of dwellings. Schwegler 1FR Bat Tube or equivalent.

Bird Boxes
Bird boxes to 75% of dwellings. 50% Swift Nest Box and 50% 1SP Sparrow Terrace Box by NestBox Company or equivalent.

Notes

- This drawing is the copyright of Land Studio. It must not be copied or reproduced without written consent.
- This drawing is to be read in conjunction with the Planning Application Package in conjunction with all the relevant surveys alongside the Architectural and Engineers drawings.
- Only figured dimensions are to be taken from this drawing. Dimensions should not be scaled from this drawing, as scaling of this drawing cannot be assured.
- All dimensions are to millimetres unless specified otherwise
- The Main Contractor is to be responsible at all times for taking and checking all dimensions, services and setting out related to the works shown on this drawing.
- All coordinates are set to dimensional points to enable easy cross referencing on site
- All setting out points are to be verified on site and any discrepancies should be clarified by the Landscape Architect.
- Detailing is not a technical representation of surface patterns, contractors are to follow the line of direction specified on drawings. Where no line of direction is given contractor to contact Landscape Architect before laying.
- All levels should be checked on site and conflicts reported to the design office.

...if in doubt ask

KEY
SOFT

Tree Planting
Proposed tree planting throughout development. Refer to planting schedule A for details.

Hedgerow
Proposed native hedgerow mix and single species hedgerow to site boundary and throughout site. Refer to planting schedules B and C for details.

General Lawn
Private garden areas with a general purpose lawn seed mix.

Wildflower Planting Mix
Seasonal wildflower planting throughout public areas (EM1 General Purpose Meadow Mix by Emorsgate or equivalent)

Planting to Properties
Grass and shrub planting mix, predominantly evergreen perennials and ferns. Refer to schedule D for details.

SuDS Features
Drought tolerant and wet meadow grass mix (EM8 Meadow Mixture for Wetlands by Emorsgate or equivalent)

Path Through Wildflowers
Mown path through wildflower meadow mainly to south and west of site.

Hard Surfacing

Access Road
Vehicular grade asphalt to vehicular access road. To engineers specification.
Colour: Grey

Pavement
Pedestrian grade asphalt to all pavements along access road. To engineers specification.
Colour: Grey

Traffic Table
Vehicular grade paving to traffic tables. Tegula by Tobermore or equivalent.
Colour: Slate and Bracken

Private Parking Bays
Permeable vehicular grade paving to all private parking bays. Hydropave Tegula by Tobermore or equivalent.
Colour: Slate and Bracken

Private Footpaths
Pedestrian grade paving to all footpaths within private areas. Tegula by Tobermore or equivalent.
Colour: Heather and Natural

Footpaths
Asphalt to footpaths within public areas.
Pedestrian Asphalt by Tarmac or equivalent.
Colour: Black

Rumble Strip to Shared Surfacing
Sett paving blocks to shared surfacing threshold, 8 rows deep. Conservation X Sett Paving by Marshalls or equivalent.
Colour: Silver Grey

Boundaries

Metal Railing
1250mm metal railing. Jacksons Fencing Barbican Imperial Residential Railing. 1250mm High. Pedestrian Gates To Match
Colour: Black

Fencing
1.8m High, Hit and Miss timber fencing to boundaries of properties.

Fencing
2.1m High anti-climb fencing to boundaries of plots 1-7. Product to contractors specification.
Powder Coated Finish
Colour: Black

Fencing
2.1m High anti-climb fencing to boundary West
Product to contractors specification.Powder Coated Finish
Colour: Green

Fencing
1.2m High Stock Proof fencing to boundary South
Product to specification.

Gates
3.0x 1.2m High galvanised metal field gate in field access
Product to contractors specification.

Galvanised Metal Kissing Gates (3 Units)
Product to contractors specification.

Brick Wall
2m High Brick wall to rear boundaries of some properties. Brick to match aesthetic/ character of surrounding proposed buildings.

Rev	Date	Description
P12	17.09.24	Key Update
P11	16.09.24	Fencing updated
P10	30.08.24	Changes to Layout
P09	09.08.24	Fencing Changes
P08	08.08.24	Changes to Layout
P07	18.06.24	Changes to Habitat Features
P06	13.06.24	Changes to layout
P05	30.11.23	Minor Updates
P04	23.11.23	Updated Layout
P03	20.04.23	Additional car parking spaces included
P02	22.03.23	Layout updated
P01	23.01.19	Trees Relocated

Client:
Adra

Project:
Berse Road

Drawing Title:
Landscape GA

Job No: 307
Drawing No: LST-XX-XX-DR-L-0101

Drawn By: HA
Date: 19.01.23

Checked By: SR
Date: 19.01.23

Drawing Scale: As indicated
Sheet Size: A1

Rev: P12
Status: S4 - FOR APPROVAL

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