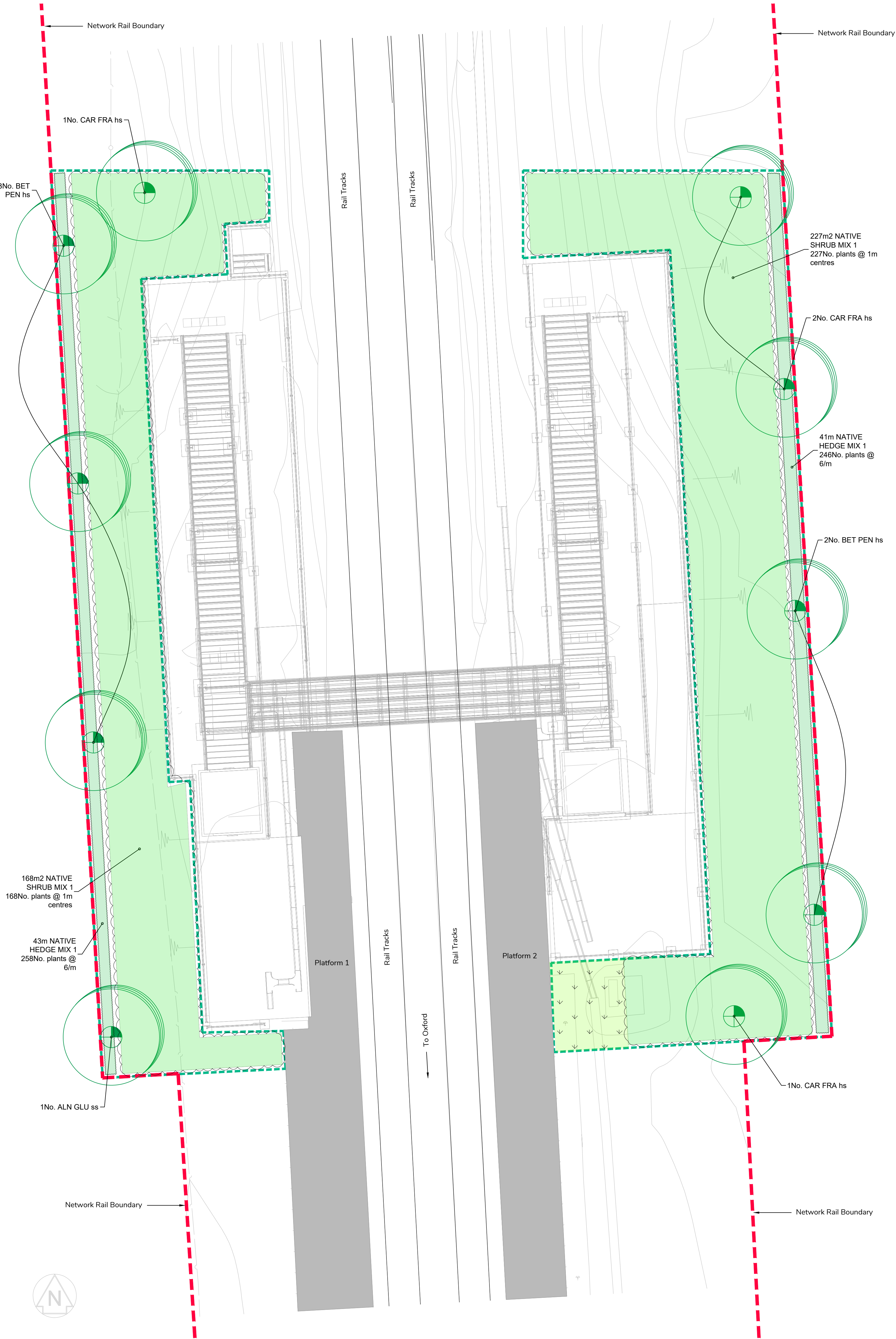




KEY

Soft Works

Soft Landscape Boundary

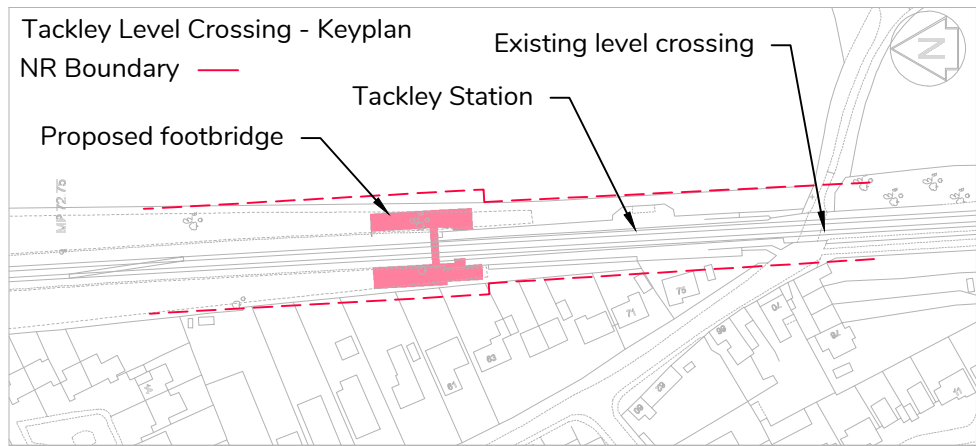
Proposed Tree

Native Hedges

Native Shrub Mix

Wildflower

- PLANTING NOTES:
- All work to be carried out to the satisfaction of the Landscape Architect.
 - No planting position or species shall be altered without the approval of the Landscape Architect.
 - Engineer to confirm foundation details in accordance with practice note 4.2 of the NHBC guide.
 - Detailed foundation and drainage designs were not available when planting proposals were produced.
 - All topsoil and subsoil is to be analysed by a qualified soil scientist and the findings supplied in report form including recommendations bringing soils up to specification. The soil survey shall include analysis of representative topsoil and subsoil samples (sample numbers to be determined by the soil scientist).
 - Landscape areas shall be excavated to the following minimum depths:
 - Amenity Grass -150mm
 - Shrub areas - 450mm
 - Meadow/Wildflower areas to be installed on min 200mm graded, decompacted and cultivated subsoil. To remove unwanted weed grasses, the area shall be treated with Glyphosate prior to seed bed cultivation and left for two weeks.
 - Back fill landscape areas with multi-purpose topsoil to BS 3882: 2015 to a maximum depth of 150mm for grass areas and 300mm for shrub areas with free draining subsoil below, if required soil to be de-compacted to allow good drainage. All areas where soil is to be incorporated over formerly hard areas or compacted ground, these are to be excavated a further 300mm and backfilled to below topsoil level with free draining subsoil to match PH of topsoil used on site. Following settlement of topsoil, top up areas and cultivate to depth of topsoil.
 - Contractors to ensure all planting beds and tree pits are free draining.
 - Trees to be selected and planted in accordance with BS 8545:2014. Tree pits to be square and 150mm wider than the rootball on all sides. The planting pit should be no deeper than the existing rootball or container depth.
 - Dimensions as follows:
 - Trees 14-16cm girth- 600 x 600mm, depth approx. 500-600mm depending on rootball size
 - Trees 16-18cm girth- 700 x 700mm, depth approx. 600mm depending on rootball size
 - The base of the tree pit should remain undisturbed, unless additional measures are specified, to avoid sinking of the rootball. The rootflare should be proud of the soil and easily visible after planting. Tree stock should be supplied with nursery line marked on tree if available from nursery and line planted flush with ground level.
 - An organic fungi should be applied to all newly planted trees and shrubs to establish healthy root growth, such as Rootgrow Professional Mycorrhizal Fungi. Apply 2g per litre of pot per rootball, for container trees at 175-200cm allow 50g and for 12-14cm girth trees allow 150g per tree. The gel granules should be mixed with water as per manufacturer's instructions, the plant roots dipped into the mixture to ensure even coverage.
 - Standard trees in soft landscaped areas shall be short double staked with stakes to extend min 300mm into the bottom of the tree pit. Stakes to be cut approximately 600mm above ground and secured using appropriate expanding ties. Stakes shall be removed at the earliest opportunity (approximately 3 years), when trees are established, except underground guying. Each tree pit shall incorporate a seep hose system to facilitate a hose being inserted to avoid unnecessary water loss. All trees planted in grass shall be surrounded with a min 500mm diameter circle of mulch to protect stem/trunk from strimmer damage.
 - Where trees are to be planted in close proximity to public services such as foul, surface and mains water, an appropriate root barrier such as ReRoot6000 to 2000 or equivalent is to be installed to a depth below invert levels of services. Refer to engineer's drawing for root barrier locations.
 - All preparations, both hard and soft under/around trees to be retained must be carried out by hand to protect roots
 - All plant material procedures are to conform to the relevant British Standards (3936/4428) codes of practice. Unless otherwise specified planting is to conform to National Planting Specification.
 - All shrubs are to be furnished with at least 3 strong breaks and supplied container grown unless otherwise specified ie bareroot. Shrubs to be planted in holes big enough to accommodate the plant without damaging the roots (min. 300mm deep and wide). Plants to be firmed, watered in and dead/damaged branches removed after planting.
 - The use of pesticides (herbicides, insecticides, fungicides and slug pellets etc) should be discouraged to prevent cumulative fatal effects to animals via the food chain, particularly invertebrates, birds and/or mammals. Any pesticides used should be non-residual.
 - A slow release fertilizer shall be applied after planting in accordance with manufacturer's instructions and soil scientist's recommendations.
 - All planted areas to be mulched with a medium grade bark mulch to a minimum depth of 75mm after plants have been well watered. Mulch such as Melcourt Amenity Bark Mulch, 3-35mm, or similar. Care must be taken not to smother the plants.
 - All plants in native mixes to be fitted with spiral rabbit protection guards.
 - Planting will commence during the first planting season (mid Nov-mid March) after substantial completion of the site. Should planting commence outside the dormant period allow for all bare root stock to be supplied container grown.



Proposed Landscaping Layout - Option 1

Scale 1:100

PLANT SCHEDULE

TREES

QTY	CODE	PLANT NAME	STOCK	FORM	GIRTH/HEIGHT
1No.	ALN GLU ss	Alnus glutinosa	B	STD	10-12cm
5No.	BET PEN hs	Betula pendula	C 45L	STD	12-14cm
4No.	CAR FRA hs	Carpinus betulus 'Frans Fontaine'	RB	STD	12-14cm

HEDGE MIXES

PERCENT	QTY	PLANT NAME	STOCK	SIZE
84m NATIVE HEDGE MIX 1 planted @ 6/m in a Double Staggered Row				
50%	252No.	Crataegus monogyna	B Trans	60-80cm
20%	101No.	Corylus avellana	B Trans	60-80cm
20%	101No.	Cornus sanguinea	B Trans	60-80cm
5%	25No.	Ilex aquifolium	C 3L	40-60cm
5%	25No.	Rosa canina	B Trans	60-80cm

To be planted in species groups of approximately 10.

PLANT MIXES

PERCENT	QTY	PLANT NAME	STOCK	SIZE
395m2 NATIVE SHRUB MIX 1 planted @ 1m centres				
10%	40No.	Viburnum opulus	B Trans	60-80cm
10%	40No.	Viburnum lantana	B Trans	60-80cm
10%	40No.	Cornus sanguinea	B Trans	60-80cm
10%	40No.	Rhamnus frangula	B Trans	60-80cm
10%	40No.	Rhamnus catharticus	B Trans	60-80cm
10%	40No.	Ligustrum vulgare	C 3L	40-60cm
10%	40No.	Ulex europaeus	C 3L	40-60cm
10%	40No.	Sambucus nigra	B Trans	60-80cm
10%	40No.	Corylus avellana	C 3L	40-60cm
5%	20No.	Ilex aquifolium	C 3L	40-60cm
5%	20No.	Taxus baccata	C 3L	40-60cm

Individual varieties to be planted in groups of approximately 10.

WILDFLOWER MEADOW:

15m2 EM3 Special General purpose Meadow mixture, by Emorsgate Seeds.

NOTES AND ABBREVIATIONS:

B = Bare root (bagged).
C = Container (or pot) grown, followed by size of the container (or pot).
FORM = Shape of tree as supplied by the nursery.
QTY = Quantity
RB = Rootballed (balled and wrapped).
STD = (clear stem) Standard.
STOCK = Root condition/protection method eg Bare root.
Trans = Transplant (or undercut seedling).

- Refer to specification for further information.
- All plants to be completely hardened off
- Substitutions to be agreed with Landscape Architect.

P01	xx/02/24	Draft	CP	NP	BKD	JDY
Rev	Date	Description	Drw	Chk	Rev'd	App

Status:

DRAFT

Client:

Taziker Industrial

Project:

Western and Wales
Tackley Level Crossing

Drawing:

Proposed Landscaping
Option 1

Drawing Number:	Revision:
LM24025-DYSE-XX-ZZ-DR-S-1001	P01

DYSE
STRUCTURAL ENGINEERS