

Legend	
	PERMANENT LAND EASEMENT BOUNDARY
	NETWORK RAIL BOUNDARY (INDICATIVE)
	PROPOSED GRASS SEEDING (NATIVE SPECIES GRASSLAND MIX)
	PROPOSED WET WOODLAND PLANTING
	PROPOSED HEDGE PLANTING
	EXISTING HEDGEROW TO BE RETAINED
	PROPOSED SPECIMEN TREES
	PROPOSED POST AND 4 RAIL DONE BY OTHERS
	PROPOSED SURFACE WATER DITCH DONE BY OTHERS
	PROPOSED PALISADE FENCING DONE BY OTHERS

NOTES

All trees to be planted Double Staked. Refer to construction details within Specification for Soft Landscape Works.

The Contractor is to familiarise themselves with the locations of any services prior to commencement of work on site.

The setting out and extent of planting is to be confirmed on site prior to implementation of the works.

Drawing produced on the Snakegrid coordinate system

- This drawing is based on:
- LANDSCAPE GENERAL ARRANGEMENT PLAN (5114534-ATK-DRG-AR-907353)
 - EWR P1 CO-ORDINATION DRAWING SHEET 27 OF 38 (5114534-ATK-DRG-MD-700227)
 - PROPOSED BOUNDARY FENCING AND ACCESS STRATEGY SHEET 27 OF 38 (5114534-ATK-MOD-MD-705227)

All works have been designed in accordance with network rail recommended planting species matrix V2.1. all planting is located in XS of 5m distance from running rails.

Access for maintenance via OS Grid Reference 457553, 220324. Road Rail Access.

Hedge and Tree alignment is indicative and for illustrative purposes and will follow Limit of Deviation that will be confirmed on site.

Field gate location is indicative only.

Rev.	Date	Amendment	Drawn	Chkd.	Appd.
01	28/09/15	Updated road layout and revised planting plan	RP	SF	SF



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Client
CARILLION BUCKINGHAM JOINT VENTURE

Project Title
EAST WEST RAIL PHASE 1

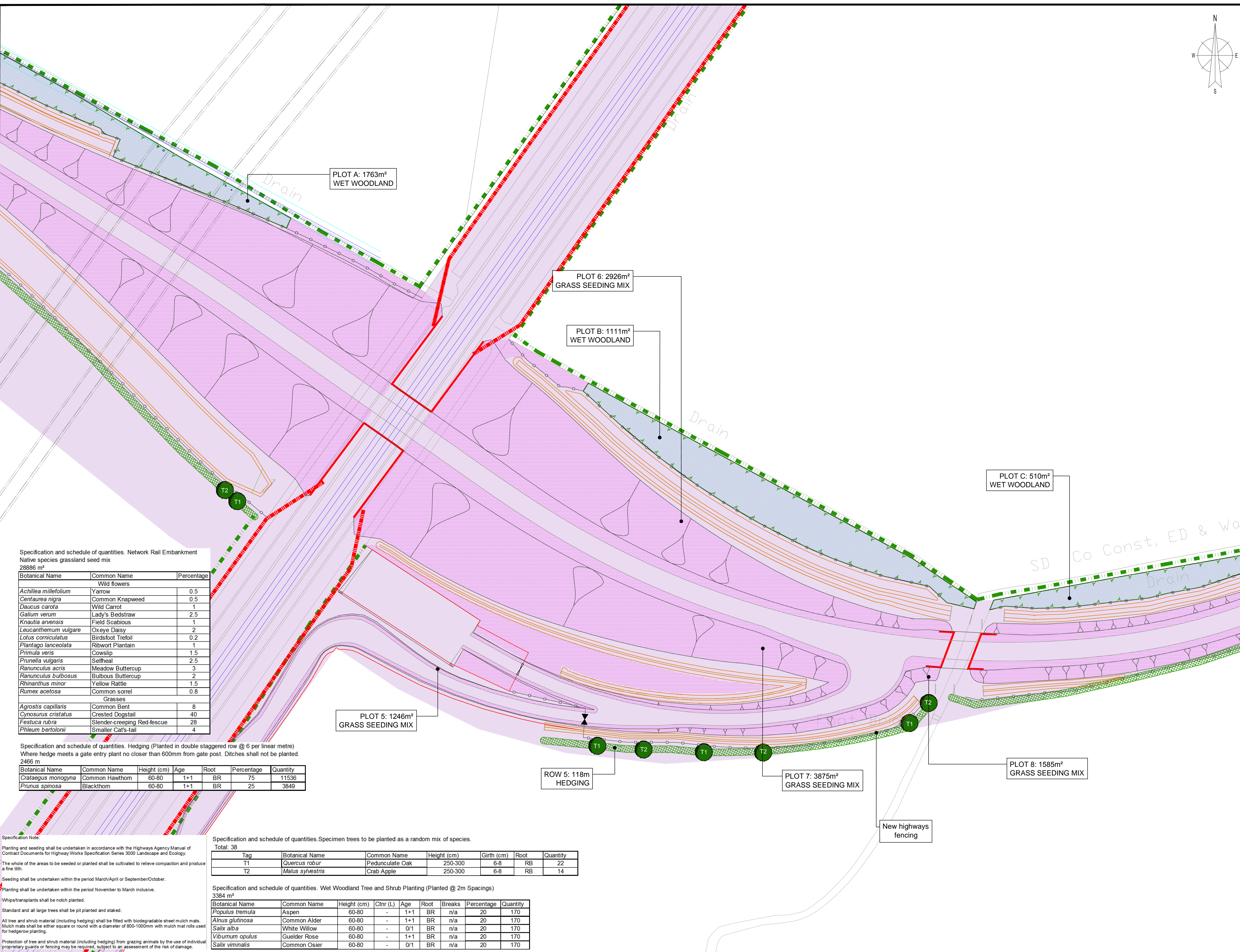
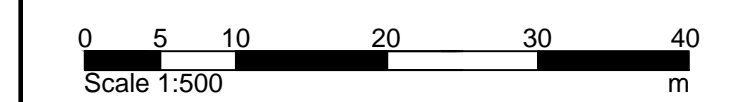
Drawing Title
LANGFORD LANE OVERBRIDGE LANDSCAPE GENERAL ARRANGEMENT PLAN SHEET 1/3

Drawn	Date	Checked	Date	Approved	Date
CN	27/07/15	SF	27/07/15	SF	27/07/15

Scale: 1:500
Orig Size: A1
Dimensions: METRES

Project No: 121097
Drawing File: RSK/M/1121097/04/02/06/C01

Drawing No: RSK-DRG-BTS-P009
Rev: P-1



Specification and schedule of quantities. Network Rail Embankment Native species grassland seed mix 28886 m²

Botanical Name	Common Name	Percentage
Wild flowers		
<i>Achillea millefolium</i>	Yarrow	0.5
<i>Centaurea nigra</i>	Common Knapweed	0.5
<i>Daucus carota</i>	Wild Carrot	1
<i>Galium verum</i>	Lady's Bedstraw	2.5
<i>Knautia anvensis</i>	Field Scabious	1
<i>Leucanthemum vulgare</i>	Oxeye Daisy	2
<i>Lotus corniculatus</i>	Birdsfoot Trefoil	0.2
<i>Plantago lanceolata</i>	Ribwort Plantain	1
<i>Primula veris</i>	Cowslip	1.5
<i>Prunella vulgaris</i>	Selfheal	2.5
<i>Ranunculus acris</i>	Meadow Buttercup	3
<i>Ranunculus bulbosus</i>	Bulbous Buttercup	2
<i>Rhinanthus minor</i>	Yellow Rattle	1.5
<i>Rumex acetosa</i>	Common sorrel	0.8
Grasses		
<i>Agrostis capillaris</i>	Common Bent	8
<i>Cynosurus cristatus</i>	Crested Dogstail	40
<i>Festuca rubra</i>	Slender-creeping Red-fescue	28
<i>Phleum bertolonii</i>	Smaller Cat's-tail	4

Specification and schedule of quantities. Hedging (Planted in double staggered row @ 6 per linear metre) Where hedge meets a gate entry plant no closer than 600mm from gate post. Ditches shall not be planted. 2466 m

Botanical Name	Common Name	Height (cm)	Age	Root	Percentage	Quantity
<i>Crataegus monogyna</i>	Common Hawthorn	60-80	1+1	BR	75	11536
<i>Prunus spinosa</i>	Blackthorn	60-80	1+1	BR	25	3849

Specification Note:

Planting and seeding shall be undertaken in accordance with the Highways Agency Manual of Contract Documents for Highway Works Specification Series 3000 Landscape and Ecology.
The whole of the areas to be seeded or planted shall be cultivated to relieve compaction and produce a fine tilth.
Seeding shall be undertaken within the period March/April or September/October.
Planting shall be undertaken within the period November to March inclusive.
Whips/transplants shall be notch planted.
Standard and all large trees shall be pit planted and staked.
All tree and shrub material (including hedging) shall be fitted with biodegradable sheet mulch mats. Mulch mats shall be either square or round with a diameter of 800-1000mm with mulch mat rolls used for hedgerow planting.
Protection of tree and shrub material (including hedging) from grazing animals by the use of individual proprietary guards or fencing may be required, subject to an assessment of the risk of damage.

Specification and schedule of quantities. Specimen trees to be planted as a random mix of species. Total: 38

Tag	Botanical Name	Common Name	Height (cm)	Girth (cm)	Root	Quantity
T1	<i>Quercus robur</i>	Pedunculate Oak	250-300	6-8	RB	22
T2	<i>Malus sylvestris</i>	Crab Apple	250-300	6-8	RB	14

Specification and schedule of quantities. Wet Woodland Tree and Shrub Planting (Planted @ 2m Spacings) 3384 m²

Botanical Name	Common Name	Height (cm)	Cntr (L)	Age	Root	Breaks	Percentage	Quantity
<i>Populus tremula</i>	Aspen	60-80	-	1+1	BR	n/a	20	170
<i>Alnus glutinosa</i>	Common Alder	60-80	-	1+1	BR	n/a	20	170
<i>Salix alba</i>	White Willow	60-80	-	0/1	BR	n/a	20	170
<i>Viburnum opulus</i>	Guelder Rose	60-80	-	1+1	BR	n/a	20	170
<i>Salix viminalis</i>	Common Osier	60-80	-	0/1	BR	n/a	20	170