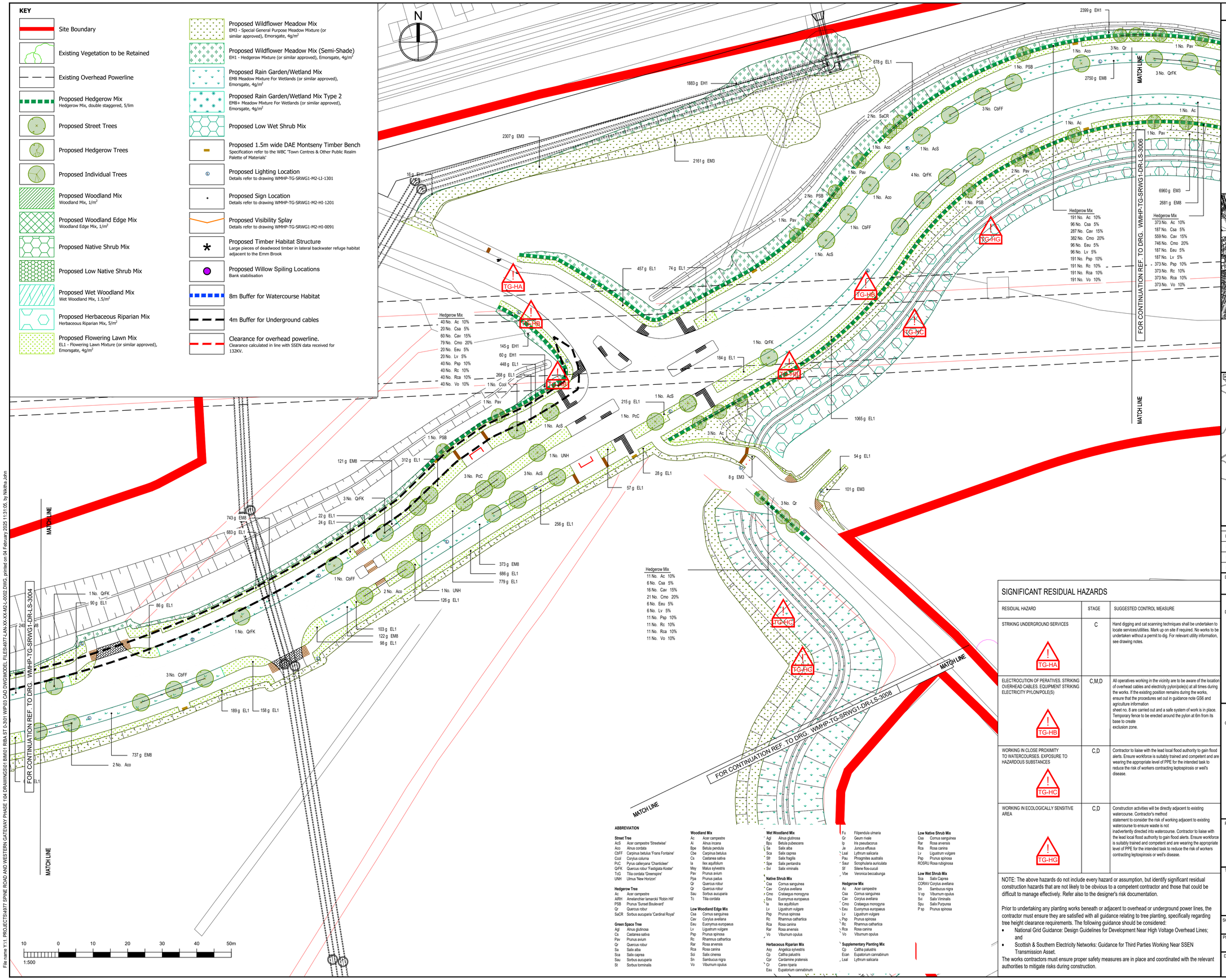
KEY

- Site Boundary
- Existing Vegetation to be Retained
- Existing Overhead Powerline
- Proposed Hedgerow Mix — Hedgerow Mix, double staggered, 5/lim
- Proposed Street Trees
- Proposed Hedgerow Trees
- Proposed Individual Trees
- Proposed Woodland Mix — Woodland Mix, 1/m²
- Proposed Woodland Edge Mix — Woodland Edge Mix, 1/m²
- Proposed Native Shrub Mix
- Proposed Low Native Shrub Mix
- Proposed Wet Woodland Mix — Wet Woodland Mix, 1.5/m²
- Proposed Herbaceous Riparian Mix — Herbaceous Riparian Mix, 5/m²
- Proposed Flowering Lawn Mix — EL1 - Flowering Lawn Mixture (or similar approved), Emorsgate, 4g/m²
- Proposed Wildflower Meadow Mix — EM3 - Special General Purpose Meadow Mixture (or similar approved), Emorsgate, 4g/m²
- Proposed Wildflower Meadow Mix (Semi-Shade) — EH1 - Hedgerow Mixture (or similar approved), Emorsgate, 4g/m²
- Proposed Rain Garden/Wetland Mix — EM9 Meadow Mixture For Wetlands (or similar approved), Emorsgate, 4g/m²
- Proposed Rain Garden/Wetland Mix Type 2 — EM9+ Meadow Mixture For Wetlands (or similar approved), Emorsgate, 4g/m²
- Proposed Low Wet Shrub Mix
- Proposed 1.5m wide DAE Montseny Timber Bench — Specification refer to the WBC 'Town Centres & Other Public Realm Palette of Materials'
- Proposed Lighting Location — Details refer to drawing WMHP-TG-SRWG1-M2-LI-1301
- Proposed Sign Location — Details refer to drawing WMHP-TG-SRWG1-M2-HI-1201
- Proposed Visibility Splay — Details refer to drawing WMHP-TG-SRWG1-M2-HI-0091
- Proposed Timber Habitat Structure — Large pieces of deadwood timber in lateral backwater refuge habitat adjacent to the Emm Brook
- Proposed Willow Spiling Locations — Bank stabilisation
- 8m Buffer for Watercourse Habitat
- 4m Buffer for Underground cables
- Clearance for overhead powerline. — Clearance calculated in line with SSEN data received for 132KV.

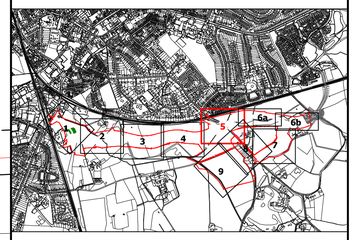


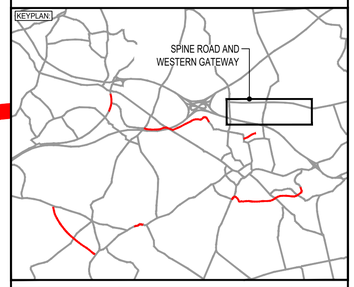
File name Y:\1. PROJECTS\4977 SPINE ROAD AND WESTERN GATEWAY PHASE 1\04 DRAWINGS\01 BIM\01 RIBA ST 0-3\01 WIP\03 CAD DWG\MODEL FILES\49771-LAN-XX-XX-M2-L-0002.DWG, printed on 04 February 2025 11:31:05, by Nikitha John

DO NOT SCALE

1. TREE PIT CONSTRUCTION DETAILS REFER TO DRAWINGS WMHP-TG-SRWG1-DR-LS-3010 - 3011
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. ALL LEVELS ARE IN METRES AOD UNLESS NOTED OTHERWISE.
4. REFER TO THE 500 SERIES FOR LEVEL INFORMATION
5. FENCE DETAILS REFER TO DRAWINGS WMHP-TG-SRWG1-DR-LS-3001 - 3009
6. ROAD RESTRAINT SYSTEMS REFER TO DRAWINGS WMHP-TG-SRWG1-DR-HI-0401 - 0409 AND 0421
7. ALL NEW AND EXISTING SHRUB PLANTING, TREES AND VEGETATION TO BE PRUNED AND MAINTAINED IN PERPETUITY TO ALLOW FULL VISIBILITY OF ROAD SIGNAGE

SITE LOCATION PLAN — SCALE: 1:25000





REV	DATE	BY	DESCRIPTION	CHK	APP
P09	04/02/2025	NJ	REVISED TO REMOVE TRANSLOCATED TURF	JC	JC
P08	21/01/2025	NJ	REVISED TO MEET OVERHEAD LINE CLEARANCE	JC	JC
P07	07/10/2024	CW	REVISED TO REFLECT PLANNING COMMENTS	BJ	JC

DRAWING STATUS: FOR REVIEW & COMMENT — S3

SIGNIFICANT RESIDUAL HAZARDS

RESIDUAL HAZARD	STAGE	SUGGESTED CONTROL MEASURE
STRIKING UNDERGROUND SERVICES (TG-HA)	C	Hand digging and cat scanning techniques shall be undertaken to locate services/utilities. Mark up on site if required. No works to be undertaken without a permit to dig. For relevant utility information, see drawing notes.
ELECTROCUTION OF PERATIVES, STRIKING OVERHEAD CABLES. EQUIPMENT STRIKING ELECTRICITY PYLON/POLE(S) (TG-HB)	C,M,D	All operatives working in the vicinity are to be aware of the location of overhead cables and electricity pylon/pole(s) at all times during the works. If the existing position remains during the works, ensure that the procedures set out in guidance note GS6 and agriculture information sheet no. 8 are carried out and a safe system of work is in place. Temporary fence to be erected around the pylon at 6m from its base to create exclusion zone.
WORKING IN CLOSE PROXIMITY TO WATERCOURSES. EXPOSURE TO HAZARDOUS SUBSTANCES (TG-HC)	C,D	Contractor to liaise with the lead local flood authority to gain flood alerts. Ensure workforce is suitably trained and competent and are wearing the appropriate level of PPE for the intended task to reduce the risk of workers contracting leptospirosis or weil's disease.
WORKING IN ECOLOGICALLY SENSITIVE AREA (TG-HG)	C,D	Construction activities will be directly adjacent to existing watercourse. Contractor's method statement to consider the risk of working adjacent to existing watercourse to ensure waste is not inadvertently directed into watercourse. Contractor to liaise with the lead local flood authority to gain flood alerts. Ensure workforce is suitably trained and competent and are wearing the appropriate level of PPE for the intended task to reduce the risk of workers contracting leptospirosis or weil's disease.

NOTE: The above hazards do not include every hazard or assumption, but identify significant residual construction hazards that are not likely to be obvious to a competent contractor and those that could be difficult to manage effectively. Refer also to the designer's risk documentation.

Prior to undertaking any planting works beneath or adjacent to overhead or underground power lines, the contractor must ensure they are satisfied with all guidance relating to tree planting, specifically regarding tree height clearance requirements. The following guidance should be considered:

- National Grid Guidance: Design Guidelines for Development Near High Voltage Overhead Lines; and
- Scottish & Southern Electricity Networks: Guidance for Third Parties Working Near SSEN Transmission Asset.

The works contractors must ensure proper safety measures are in place and coordinated with the relevant authorities to mitigate risks during construction.

ABBREVIATION

Street Tree
- AcS — Acer campestre 'Streetwise'
- Aco — Alnus cordata
- CbFF — Carpinus betulus 'Frans Fontaine'
- Ccol — Corylus colurna
- PcC — Pyrus calleryana 'Chanticleer'
- QrFK — Quercus robur 'Fastigiata Koster'
- TcG — Tilia cordata 'Greenspire'
- UNH — Ulmus 'New Horizon'

Hedgerow Tree
- Ac — Acer campestre
- AIRH — Amelanchier lamarckii 'Robin Hill'
- PSB — Prunus 'Sunset Boulevard'
- Qr — Quercus robur
- SaCR — Sorbus aucuparia 'Cardinal Royal'

Green Space Tree
- Agl — Alnus glutinosa
- Cs — Castanea sativa
- Pav — Prunus avium
- Qr — Quercus robur
- Sa — Salix alba
- Sca — Salix caprea
- Sau — Sorbus aucuparia
- St — Sorbus torminalis

Woodland Mix
- Ac — Acer campestre
- Ai — Alnus incana
- Bpe — Betula pendula
- Cbe — Carpinus betulus
- Cs — Castanea sativa
- Ia — Ilex aquifolium
- May — Malus sylvestris
- Pav — Prunus avium
- Ppa — Prunus padus
- Qr — Quercus robur
- Qr — Quercus robur
- Sau — Sorbus aucuparia
- Tc — Tilia cordata

Low Woodland Edge Mix
- Csa — Cornus sanguinea
- Cav — Corylus avellana
- Eeu — Euonymus europaeus
- Lv — Ligustrum vulgare
- Psp — Prunus spinosa
- Rc — Rhamnus cathartica
- Rar — Rosa arvensis
- Rca — Rosa canina
- Sn — Sambucus nigra
- Vo — Viburnum opulus

Wet Woodland Mix
- Agl — Alnus glutinosa
- Bpu — Betula pubescens
- Sa — Salix alba
- Sca — Salix caprea
- Str — Salix fragilis
- Spe — Salix pentandra
- Svi — Salix viminalis

Native Shrub Mix
- Csa — Cornus sanguinea
- Cav — Corylus avellana
- Cmo — Crataegus monogyna
- Eeu — Euonymus europaeus
- Ia — Ilex aquifolium
- Lv — Ligustrum vulgare
- Psp — Prunus spinosa
- Rc — Rhamnus cathartica
- Rca — Rosa canina
- Rar — Rosa arvensis
- Vo — Viburnum opulus

Herbaceous Riparian Mix
- Asy — Angelica sylvestris
- Cp — Caltha palustris
- Cpr — Cardamine pratensis
- Cr — Carex riparia
- Eau — Eupatorium cannabinum
- Fu — Filipendula ulmaria
- Gr — Geum rivale
- Ip — Iris pseudacorus
- Je — Juncus effusus
- Lsal — Lythrum salicaria
- Pau — Phragmites australis
- Saur — Scrophularia auriculata
- Sf — Silene flos-cuculi
- Vbe — Veronica beccabunga

Hedgerow Mix
- Ac — Acer campestre
- Csa — Cornus sanguinea
- Cav — Corylus avellana
- Cmo — Crataegus monogyna
- Eeu — Euonymus europaeus
- Lv — Ligustrum vulgare
- Psp — Prunus spinosa
- Rc — Rhamnus cathartica
- Rca — Rosa canina
- Vo — Viburnum opulus

Supplementary Planting Mix
- Cp — Caltha palustris
- Ecan — Eupatorium cannabinum
- Lsal — Lythrum salicaria

Low Native Shrub Mix
- Csa — Cornus sanguinea
- Rar — Rosa arvensis
- Rca — Rosa canina
- Lv — Ligustrum vulgare
- Psp — Prunus spinosa
- ROSRU Rosa rubiginosa

Low Wet Shrub Mix
- Sca — Salix Caprea
- CORAV Corylus avellana
- Sn — Sambucus nigra
- V op — Viburnum opulus
- Svi — Salix Viminalis
- Spu — Salix Purpurea
- P sp — Prunus spinosa

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PROJECT: SPINE ROAD AND WESTERN GATEWAY PHASE 1

TITLE: HIGHWAYS SOFT LANDSCAPING PLANTING PLAN

SHEET 5

SCALE @ A1:	CHECKED:		APPROVED:
1:500	JC		JC
PROJECT NO:	DESIGNED:	DRAWN:	DATE:
C118047	WM	WM	January 25

DRAWING No: WMHP-TG-SRWG1-DR-LS-3005 — REV: P09

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