SIGNIFICANT RESIDUAL HAZARDS

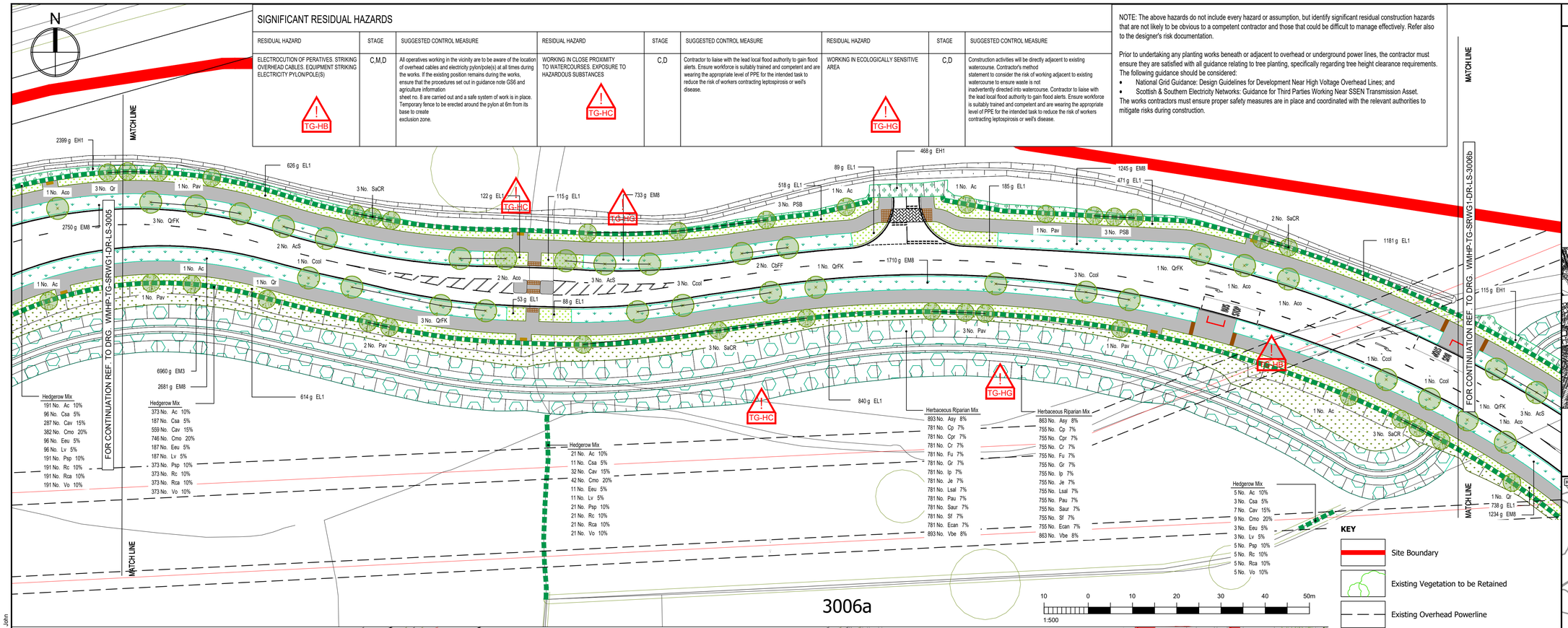
RESIDUAL HAZARD	STAGE	SUGGESTED CONTROL MEASURE	RESIDUAL HAZARD	STAGE	SUGGESTED CONTROL MEASURE	RESIDUAL HAZARD	STAGE	SUGGESTED CONTROL MEASURE
ELECTROCUTION OF PERATIVES. STRIKING OVERHEAD CABLES. EQUIPMENT STRIKING ELECTRICITY PYLON/POLE(S) TG-HB	C,M,D	All operatives working in the vicinity are to 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.

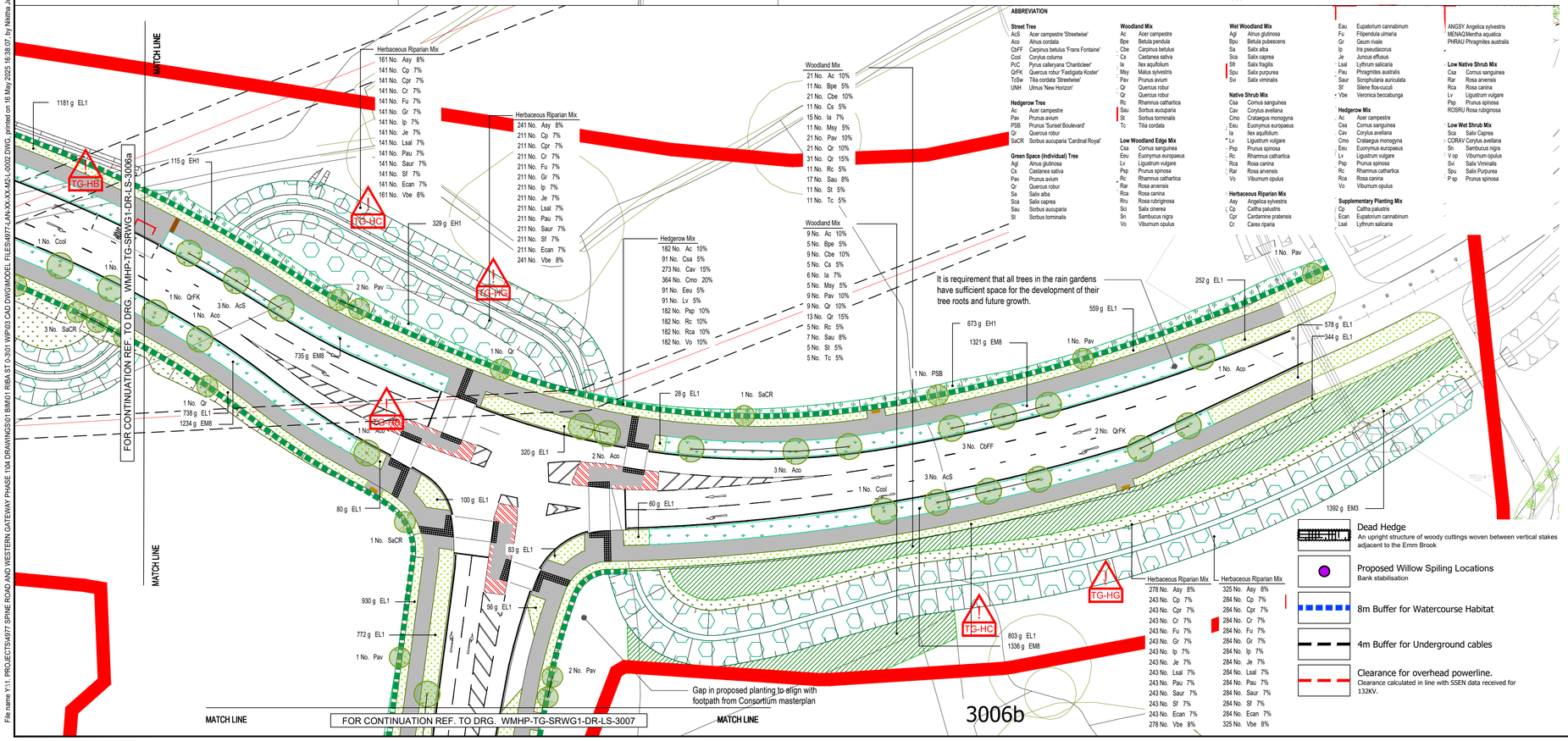
NOTE: The above hazards do not include every hazard or assumption, but identify significant residual construction hazards that are not likely to be obvious to a competent contractor and those that could be difficult to manage effectively. Refer also to the designer's risk documentation.

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'
TcSw Tilia cordata 'Streetwise'
UNH Ulmus 'New Horizon'

Hedgerow Tree
Ac Acer campestre
Pav Prunus avium
PSB Prunus 'Sunset Boulevard'
Qr Quercus robur
SaCR Sorbus aucuparia 'Cardinal Royal'

Green Space (Individual) 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
Bpe Betula pendula
Cbe Carpinus betulus
Cs Castanea sativa
Ia Ilex aquifolium
Msy Malus sylvestris
Pav Prunus avium
Qr Quercus robur
Qr Quercus robur
Rc Rhamnus catharticus
Sau Sorbus aucuparia
St Sorbus torminalis
Tc Tilia cordata

Low Woodland Edge Mix
Csa Cornus sanguinea
Eeu Euonymus europaeus
Lv Ligustrum vulgare
Psp Prunus spinosa
Rc Rhamnus catharticus
Rar Rosa arvensis
Rca Rosa canina
Rcu Rosa rubrignosa
Sci Salix cinerea
Sn Sambucus nigra
Vo Viburnum opulus

Wet Woodland Mix
Agl Alnus glutinosa
Bpu Betula pubescens
Sa Salix alba
Sca Salix caprea
Sfr Salix fragilis
Spu Salix purpurea
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 catharticus
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-cucuii
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 catharticra
Rca Rosa canina
Vo Viburnum opulus

Supplementary Planting Mix
Cp Caltha palustris
Ecan Eupatorium cannabinum
Lsal Lythrum salicaria
ANGSY Angelica sylvestris
MENAQ Mentha aquatica
PHRAU Phragmites australis

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

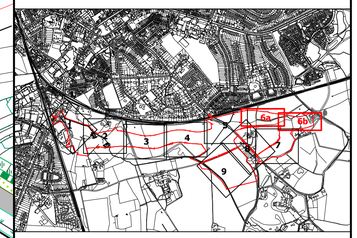
KEY

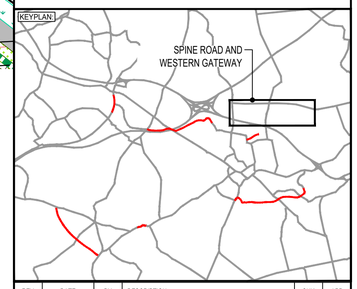
- Site Boundary
- Existing Vegetation to be Retained
- Existing Overhead Powerline
- Proposed Hedgerow Mix — Hedgerow Mix, double staggered, 5/lim
- Proposed Street Trees
- Proposed Hedgerow Trees
- Proposed Individual Trees
- Proposed Woodland Mix — Woodland Mix, 1 plant per 4m²
- Proposed Woodland Edge Mix — Woodland Edge Mix, 1 plant per 4m²
- Proposed Native Shrub Mix — Native Shrub Mix, 1/m²
- Proposed Low Native Shrub Mix — Low Native Shrub Mix, 1/m²
- Proposed Wet Woodland Mix — Wet Woodland Mix, 1 plant per 4m²
- 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 — EM8 Meadow Mixture For Wetlands (or similar approved), Emorsgate, 4g/m²
- Proposed Rain Garden/Wetland Mix Type 2 — EM8+ Meadow Mixture For Wetlands (or similar approved), Emorsgate, 4g/m²
- Proposed Low Wet Shrub Mix — Low Wet Shrub Mix, 1/m²
- 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
- Dead Hedge — An upright structure of woody cuttings woven between vertical stakes 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.

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
P10	13/05/2025	NJ	REVISED TO MEET LAP AND STAKE HOLDERS COMMENTS	JC	JC
P09	04/02/2025	NJ	REVISED TO REMOVE TRANSLOCATED TURF	JC	JC
P08	21/01/2025	NJ	REVISED TO MEET THE OVERHEAD LINE CLEARANCE	JC	JC

DRAWING STATUS: FOR REVIEW & COMMENT — S3

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PROJECT: SPINE ROAD AND WESTERN GATEWAY PHASE 1

TITLE: HIGHWAYS SOFT LANDSCAPING PLANTING PLAN

SHEET 6

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

DRAWING No: WMHP-TG-SRWG1-DR-LS-3006 — REV: P10

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\4977-LAN-XX-XX-M2-L-0002.DWG, printed on 16 May 2025 16:38:07, by Nikitha John