

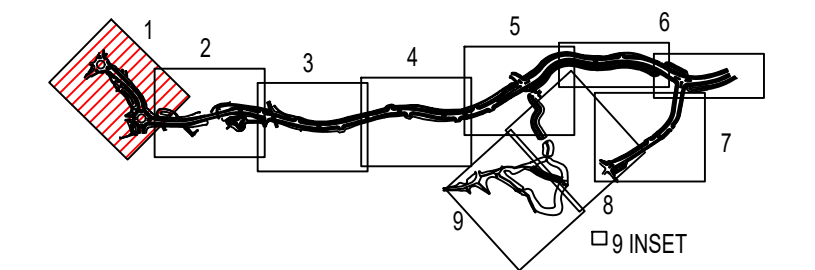
- LEGEND**
- SGN MP EXISTING SOUTHERN GAS NETWORK - MEDIUM PRESSURE MAINS
  - SSE HV EXISTING SCOTTISH & SOUTHERN ELECTRICITY NETWORKS - HIGH VOLTAGE OVERHEAD CABLES
  - Thames Surface EXISTING THAMES WATER - SEWERAGE SURFACE
  - SGAOLW EXISTING GIGACLEAR
  - SSE LV EXISTING SCOTTISH & SOUTHERN ELECTRICITY NETWORKS - LOW VOLTAGE
  - OpenReach EXISTING OPEN REACH
  - SSE Telecoms EXISTING SCOTTISH & SOUTHERN ELECTRICITY NETWORKS - TELECOMS
  - VM EXISTING VIRGIN MEDIA
  - SSE HV EXISTING SCOTTISH & SOUTHERN ELECTRICITY NETWORKS - HIGH VOLTAGE
  - Thames Foul EXISTING THAMES WATER - SEWERAGE FOUL
  - SE WATER EXISTING SOUTH EAST WATER - ABANDONED MAIN
  - SE WATER EXISTING SOUTH EAST WATER - DISTRIBUTION MAIN
  - SGN LP EXISTING SOUTHERN GAS NETWORK - LOW PRESSURE MAINS
  - Thames Combined EXISTING THAMES WATER - COMBINED SURFACE

NOTE: THIS DRAWING IS  
TO BE PRINTED IN COLOUR

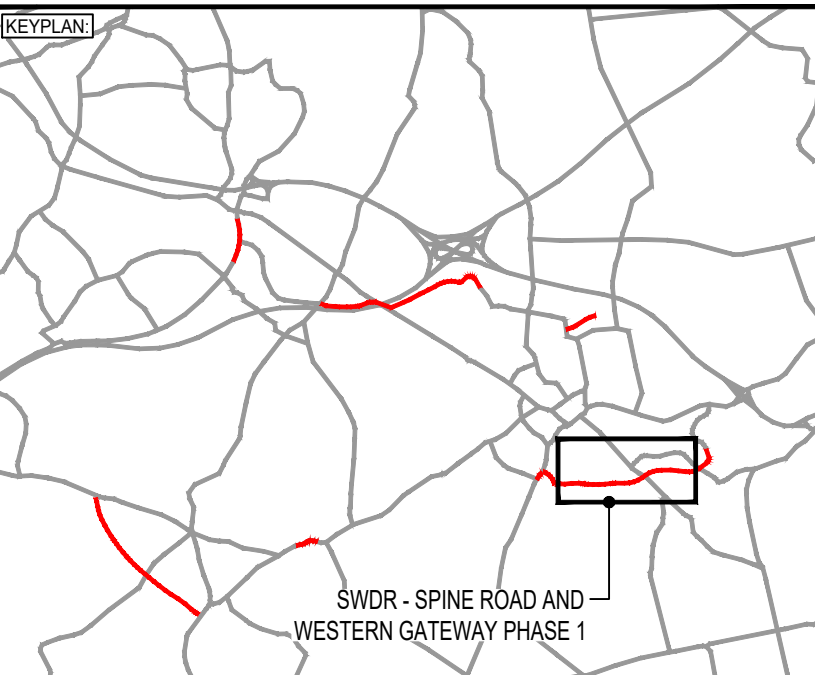
DO NOT SCALE

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
  - ALL LEVELS ARE IN METRES AOD UNLESS NOTED OTHERWISE.
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE EARTHWORKS SPECIFICATION (WMHP-TG-SRWG1-SP-GE-0601)
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH EARTHWORKS SECTIONS AND EARTHWORKS DETAIL DRAWINGS, DRG No's WMHP-TG-SRWG1-DR-GE-0610, -0621 AND -0630.
  - ALL AREAS TO BE STRIPPED OF TOPSOIL AND MADE GROUND. ADDITIONAL REQUIREMENTS FOR SOFT SPOTS AND OTHER FEATURES. REFER TO WMHP-TG-SRWG1-DR-GE-0621 AND WMHP-TG-SRWG1-SP-GE-0601.

- LEGEND**
- PLANNING APPLICATION NUMBER 192928 BOUNDARY
  - AREA OF CUT
  - CLASS 1 GRANULAR FILL
  - CLASS 2 COHESIVE FILL
  - CLASS 6N1
  - CLASS 6N2
  - CLASS 6N
  - TRANSITION ZONE CLASS 6N1 GRANULAR FILL AND CLASS 2 COHESIVE FILL
  - NEW PAVEMENT OVER EXISTING. REFER TO 700 SERIES DRAWINGS AND SPECIFICATION
  - EXISTING DITCH TO BE CLEARED OF ALL SOFT / DEGRADABLE MATERIAL AND BACKFILLED WITH SELECTED GRANULAR FILL IN ACCORDANCE WITH EARTHWORKS SPECIFICATIONS. ALSO REFER TO DRAWING 0621 FOR REQUIREMENTS
  - REINFORCED EARTH



SHEET LOCATION PLAN  
N.T.S.



SWDR - SPINE ROAD AND  
WESTERN GATEWAY PHASE 1

|     |            |    |                                      |     |     |
|-----|------------|----|--------------------------------------|-----|-----|
| P07 | 18/06/2025 | AH | UPDATED TO ADDRESS PLANNING COMMENTS | K2  | CJT |
| REV | DATE       | BY | DESCRIPTION                          | CHK | APP |

DRAWING STATUS: **SUITABLE FOR APPROVAL** **S5**

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PROJECT: **SPINE ROAD AND WESTERN GATEWAY PHASE 1**

TITLE: **HIGHWAYS EARTHWORKS PLAN LAYOUT** **SHEET 1**

|                                      |              |              |
|--------------------------------------|--------------|--------------|
| SCALE @ A1: N/A                      | CHECKED: SD  | APPROVED: RN |
| PROJECT NO: C118047                  | DESIGNED: SD | DRAWN: PSW   |
| DRAWING No: WMHP-TG-SRWG1-DR-GE-0601 | DATE: MAY 25 | REV: P07     |

**SIGNIFICANT RESIDUAL HAZARDS**

| RESIDUAL HAZARD                                                                                                             | STAGE | SUGGESTED CONTROL MEASURE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | RESIDUAL HAZARD                                                                                                                                                                          | STAGE | SUGGESTED CONTROL MEASURE                                                                                                                                                                                                                                                                                                         | RESIDUAL HAZARD                                     | STAGE | SUGGESTED CONTROL MEASURE                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STRIKING UNDERGROUND SERVICES                                                                                               | D     | 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 VALID PERMIT TO DIG. DIVERTED SERVICES TO BE ACCURATELY RECORDED FOR FUTURE WORKS INCLUDING DECOMMISSIONED PLANT.                                                                                                                                                                                                                                                                                                                                                                                                                                  | WORKING IN CLOSE PROXIMITY TO WATERCOURSES. EXPOSURE TO HAZARDOUS SUBSTANCES. E.G. LEPTOSPIROSIS.                                                                                        | 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 WELL'S DISEASE.                                                   | GROUND CONDITIONS DIFFER TO THOSE ASSUMED IN DESIGN | C/D/M | ADDITIONAL GROUND INVESTIGATIONS HAVE BEEN UNDERTAKEN WHICH GENERALLY CONFIRM THE DESIGN ASSUMPTIONS. HOWEVER GROUND INVESTIGATIONS HAVE BEEN CARRIED OUT AT DISCRETE POINT LOCATIONS AND IT SHOULD BE NOTED THAT THE NATURE AND CONTINUITY OF THE SUBSURFACE CONDITIONS COULD VARY AWAY FROM THOSE LOCATIONS. IF GROUND CONDITIONS ARE FOUND TO DIFFER FROM THOSE ASSUMED IN THE DESIGN THE CONTRACTOR SHALL INFORM THE DESIGNER (TONY GEE) IMMEDIATELY. |
| ELECTROCUTION OF OPERATIVES. LARGE PLANT STRIKING OVERHEAD CABLES. SMALL PLANT/EQUIPMENT STRIKING ELECTRICITY PYLE/POLE(S). | D/M   | ALL OPERATIVES WORKING IN THE VICINITY ARE TO BE AWARE OF THE LOCATION OF OVERHEAD CABLES AND ELECTRICITY PYLE/POLE(S) AT ALL TIMES DURING THE WORKS. IF THE EXISTING POSITION REMAINS DURING THE SITE CLEARANCE WORKS, ENSURE THAT THE PROCEDURES SET OUT IN GUIDANCE NOTE G56 AND AGRICULTURE INFORMATION SHEET NO. 8 ARE CARRIED OUT AND A SAFE SYSTEM OF WORK IS IN PLACE. IF THE SERVICE DIVERSION WORKS TO REDIRECT THE ELECTRICITY CABLES MEAN THAT OVERHEAD CABLES REMAIN POSITIONED IN CLOSE PROXIMITY OF THE WORKS (AS PER GUIDANCE), A SIMILAR PROCEDURE SHOULD BE UNDERTAKEN FOR THE NEW LOCATION(S). TEMPORARY FENCE TO BE ERECTED AROUND PYLE/POLE AT 6M FROM ITS BASE TO CREATE EXCLUSION ZONE. | PLANT/EQUIPMENT STRIKING THE RESTRICTED HEIGHT RAIL UNDERBRIDGE ON FINCHAMSTEAD ROAD (NORTH OF THE ROUNDABOUT) - 12'6" (3.8M) AT CENTRE, 9'9" (3.0M) ABOVE NORTHBOUND LANE (DUE TO ARCH) | C/D   | DUE CONSIDERATION SHOULD BE MADE TO ACCESS AND EGRESS FOR LARGE PLANT ENTERING OR LEAVING THE SITE WITH ROBUST PLANNING WITH REGARDS TO TM AND DIVERSIONS TO TRAFFIC BEING REROUTED WITH THIS IN MIND. APPROPRIATE SIGNAGE SHOULD REMAIN OR TEMPORARY SIGNS ERECTED IN THEIR PLACE AT ALL TIMES IN ACCORDANCE WITH TSM CHAPTER 8. |                                                     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | GROUNDWATER LEVELS HIGHER THAN EXPECTED - RESULTING IN SLOPE INSTABILITY                                                                                                                 | C/D   | EXCAVATIONS BELOW GROUNDWATER LEVELS FOR REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIALS (BELOW FOUNDATIONS FOR GRAVITY RETAINING WALLS AND EMBANKMENTS) TO BE OF LIMITED DURATION TO PREVENT EXCESSIVE PONDING OF WATER. CONTRACTOR TO OTHERWISE IMPLEMENT SUITABLE GROUNDWATER MANAGEMENT MEASURES.                             |                                                     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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.

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SCALE 1:500  
10m 0 10m 20m 30m 40m 50m