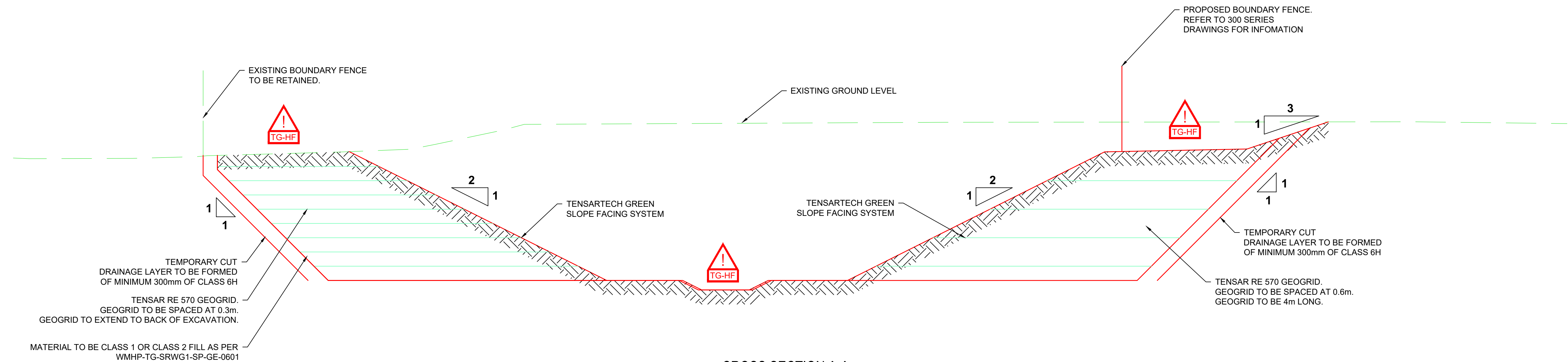
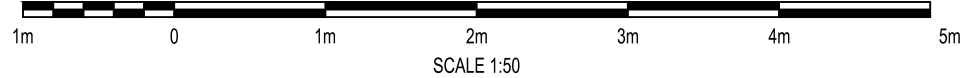
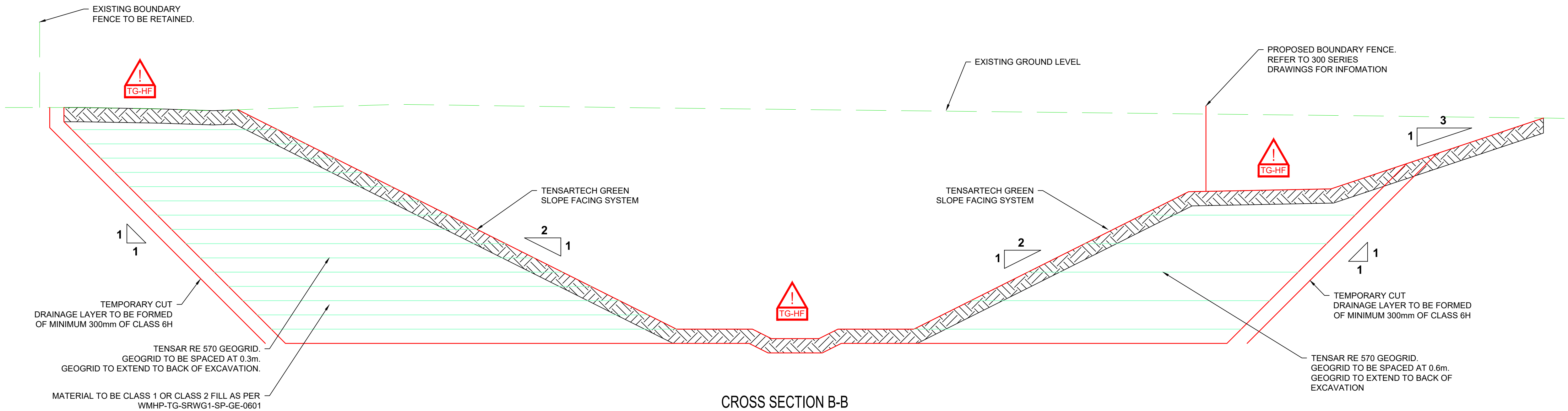


File name: P:\BOLTON\PROJECTS\2018\21807\BOLTON\DRAWINGS\WMHP-TG-SRWG1-DR-GE-0641.DWG, printed on 17 September 2021 11:01:10 by Adam Grant



CROSS SECTION A-A
(TAKEN AT CH. 790)
SCALE 1:50



CROSS SECTION B-B
TYPICAL CUT SECTION
(TAKEN AT CH. 930)
SCALE 1:50

SIGNIFICANT RESIDUAL HAZARDS

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.	 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.
 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.	 DANGER OF FALLING FROM WORKING ON HIGH EMBANKMENTS	C/D/M	ENSURE APPROPRIATE RISK ASSESSMENTS ARE USED WHEN WORKING ON TOP OF EMBANKMENTS, WHICH CONSIDER THE GRADIENT OF THE ADJOINING SLOPE AND IDENTIFY APPROPRIATE CONTROLS TO PREVENT OPERATIVES, PLANT AND MATERIALS FROM ENCOUNTERING THE SLOPE.
 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.			

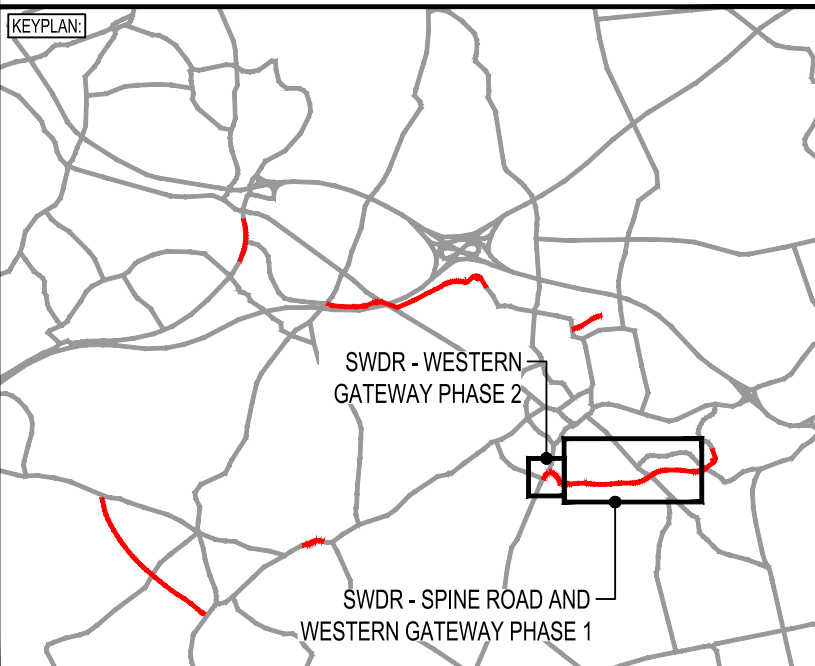
NOTE: The above hazards do not include every hazard or assumption, but identify significant residual construction hazards that are not likely to be obvious to a competent contractor and those that could be difficult to manage effectively. Refer also to the designer's risk documentation.

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.
 - 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
- TENSAR RE 570 GEOGRID



REV	DATE	BY	DESCRIPTION	CHK	APP
P01	15/09/2021	AMG	DETAILED DESIGN ISSUE	SD	RN

DRAWING STATUS: **SUITABLE FOR EXAMINATION** **S8**

DESIGNER:

 **Tony Gee**
Consulting Civil, Structural and Geotechnical Engineers

Tony Gee and Partners LLP
Hardy House
140 High Street
Esher, Surrey
KT10 9QJ
Tel: 01372 461600
www.tonygee.com

CONTRACTOR:

Balfour Beatty

CLIENT:

 **WOKINGHAM BOROUGH COUNCIL**

Shute End, Wokingham, Berkshire RG40 1BN
Tel: (0118) 974 6000 Web: www.wokingham.gov.uk

PROJECT: **WOKINGHAM MAJOR HIGHWAYS PROGRAMME
SPINE ROAD AND WESTERN GATEWAY PHASE 1**

TITLE: **HIGHWAYS
GEOTECHNICAL INVESTIGATION
PLAN**

SHEET 3

SCALE @ A1: AS SHOWN

PROJECT NO: C118047

DRAWING NO: **WMHP-TG-SRWG1-DR-GE-0641**

APPROVED: CJT

DESIGNED: SD

DRAWN: AMG

DATE: September 21

REV: P01