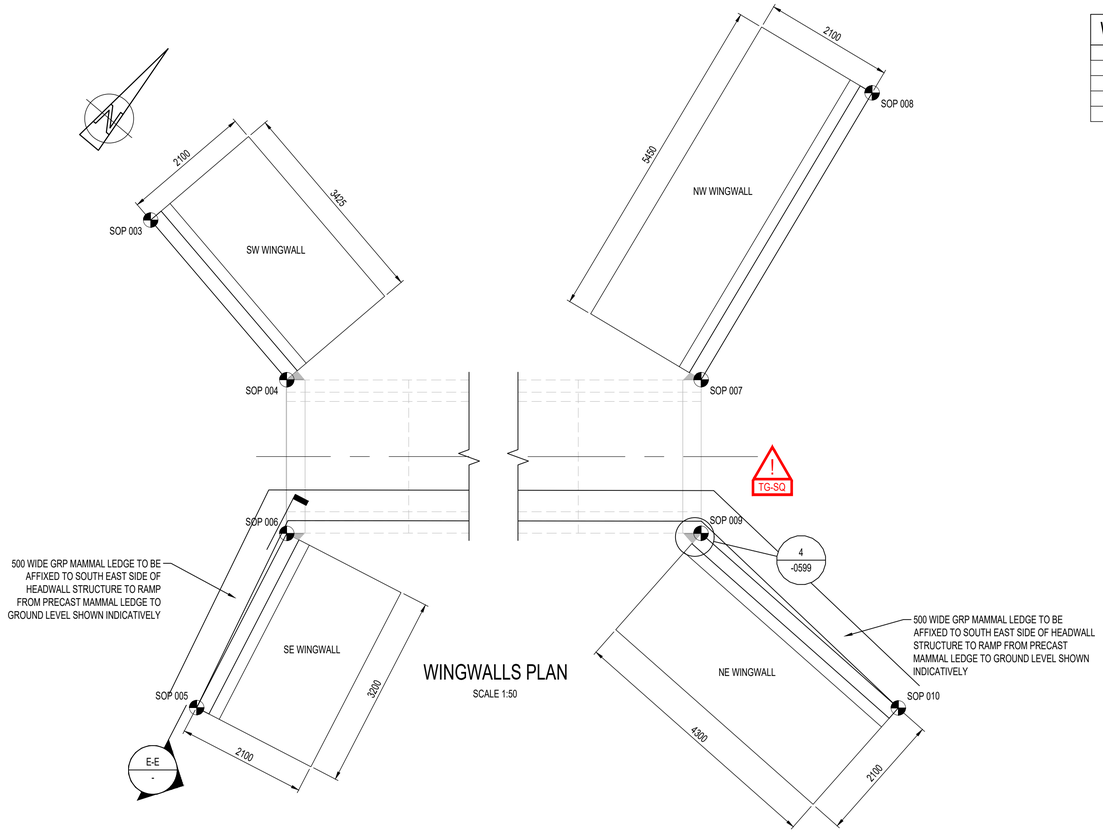
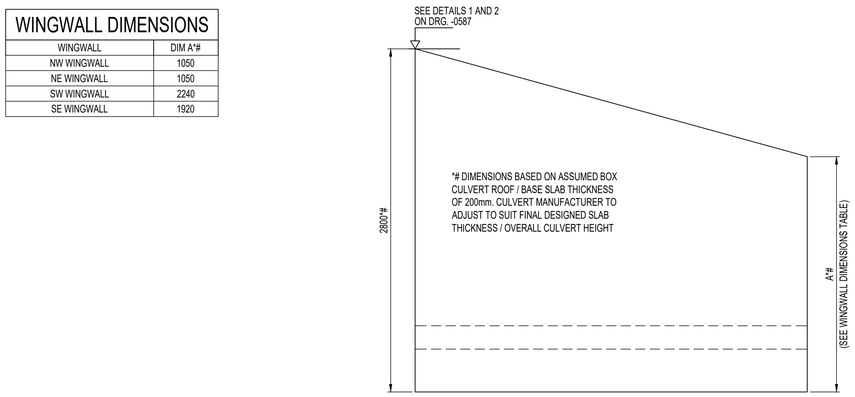
WINGWALL DIMENSIONS

WINGWALL	DIM A'#'
NW WINGWALL	1050
NE WINGWALL	1050
SW WINGWALL	2240
SE WINGWALL	1920



WINGWALLS PLAN

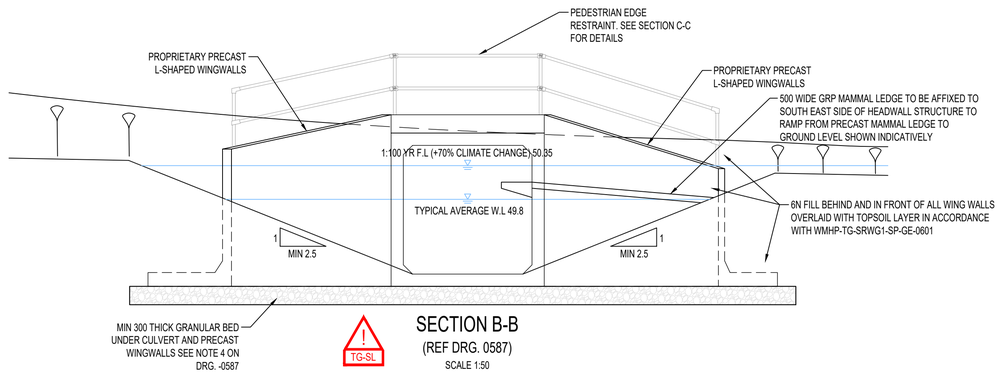
SCALE 1:50



ELEVATION E-E

TYPICAL WINGWALL ELEVATION (OTHERS SIMILAR)

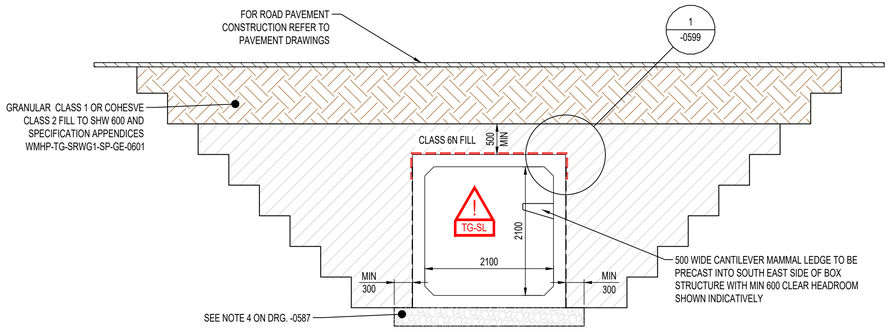
SCALE 1:25



SECTION B-B

(REF DRG. 0587)

SCALE 1:50



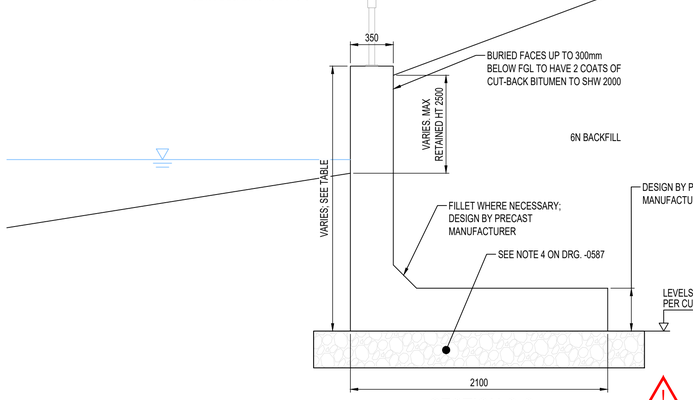
SECTION D-D

TYPICAL CULVERT SECTION

(REF DRG. 0587)

SCALE 1:50

TG-ST TG-SU TG-SS

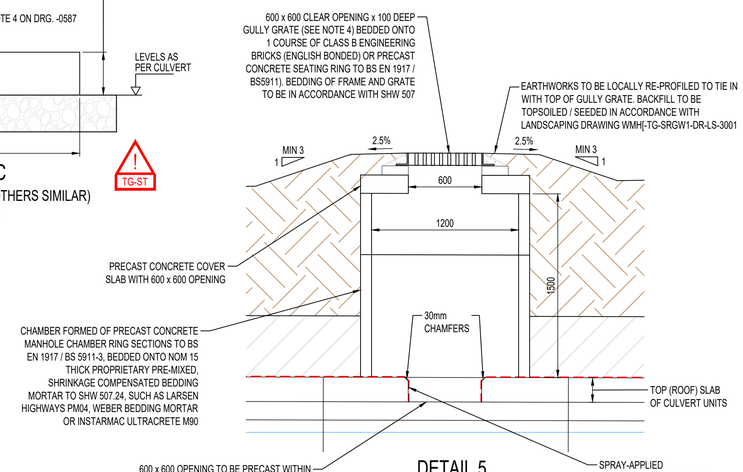


SECTION C-C

TYPICAL WING WALL SECTION (OTHERS SIMILAR)

(REF DRG. 0587)

SCALE 1:25



DETAIL 5

INTERMEDIATE CHAMBER

(REF DRG. 0587)

SCALE 1:25

500mm 0 500mm 1000mm 1500mm 2000mm 2500mm

SCALE 1:25

1m 0 1m 2m 3m 4m 5m

SCALE 1:50

SIGNIFICANT RESIDUAL HAZARDS

RESIDUAL HAZARD	STAGE	SUGGESTED CONTROL MEASURE
ACCESS INSIDE BOX CULVERTS FOR INSPECTION / MAINTENANCE TG-SL	M	INSPECTIONS TO BE CARRIED OUT FROM OUTSIDE OF THE CULVERT OR USING REMOTE METHODS WHEREVER POSSIBLE. WHERE ACCESS INTO THE CULVERT IS REQUIRED, WORKS ARE TO BE CARRIED OUT BY OPERATIVES SUITABLY TRAINED AND EQUIPPED TO WORK IN WATER, E.G. DIVING PERSONNEL. SEE NOTE 10 ON DRG. -0587
UNEXPLODED ORDNANCE TG-ST	C	"LOW RISK" CATEGORY IDENTIFIED BY "1ST LINE DEFENCE" DESK STUDY RA. UXO RISK MANAGEMENT PLAN AND SITE SPECIFIC UXO AWARENESS BRIEFINGS TO BE GIVEN TO ALL PERSONNEL CONDUCTING INTRUSIVE WORKS.
POSSIBLE PRESENCE OF BURIED SERVICES TG-SQ	C	SEARCH RESULTS HAVE INDICATED NO SERVICES IN CULVERT LOCATION (SEE NOTE 7 ON DRG.-0587). HOWEVER, CONTRACTOR TO CONFIRM VIA LATEST STATUTORY UNDERTAKERS' SEARCHES AND SCAN AREA PRIOR TO CONSTRUCTION.
ENCOUNTERING GROUND WATER IN EXCAVATION TG-SU	C/D	CONTRACTOR TO IMPLEMENT SUITABLE WATER MANAGEMENT AS NECESSARY.
UNBALANCED BACKFILL TO CULVERT WALLS CAUSING CULVERT INSTABILITY TG-SS	C/D	BACKFILL CULVERTS IN UNIFORM AND BALANCED MANNER, WITH NO MORE THAN 200mm LEVEL DIFFERENCE BETWEEN THE 2 OPPOSING WALLS. ENSURE THE SAME PLAN EXTENT / WIDTH OF FILL ON BOTH WALLS IN DIRECTION PARALLEL TO WALLS AND PLAN WIDTHS ARE ALIGNED IN DIRECTION PERPENDICULAR TO WALL FACE.

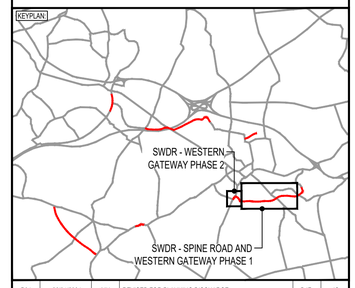
NOTE: The above hazards do not include every hazard or assumption, but identify significant residual construction hazards that are not likely to be obvious to a competent contractor and those that could be difficult to manage effectively. Refer also to the designer's risk documentation.

DO NOT SCALE

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES AOD UNLESS NOTED OTHERWISE.
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING WMP-TG-SRWG1-DR-SE-0587 AND -0599. REFER TO DRG. -0599 FOR STANDARD DETAILS.
4. GULLY GRATING SHALL BE CLASS D400 CONFORMING TO BS EN 124 AND HA 104/09 / CD534 WITH CAPTIVE HINGES AND A KEY-OPERATED SECURITY LOCK / LOCKING BOLT, E.G. SAINT GOBAIN REXUS OR EQUIVALENT.

KEYPLAN



REV	DATE	BY	DESCRIPTION	CHK	APP
P04	26/01/2024	MH	REVISED FOR PLANNING DISCHARGE	DJF	JC
P03	02/06/2022	HD	MATTERS OUTSTANDING WMHP-TG-SRWG1-RG-DM-0010	BH	JC
P02	07/10/2021	WA	TAA COMMENTS ADDRESSED	KL	CMF

DRAWING STATUS: PARTIALLY SIGNED-OFF B

DESIGNER:

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

www.tonygee.com
Consulting Civil, Structural and Geotechnical Engineers

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:

CULVERT O - LUCKLEY BROOK
STRUCTURE REFERENCE: 3109
GENERAL ARRANGEMENT
SHEET 2

SCALE @ A1:	CHECKED:	APPROVED:
AS SHOWN	KL	CMF

PROJECT NO:	DESIGNED:	DRAWN:	DATE:
C118047	WA	TCH	Aug 21

DRAWING No: WMHP-TG-SRWG1-DR-SE-0588 REV: P04

File name: I:\PABLO\DATA\PROJECTS\2018\C118\PAT\BIM\01-WIP\DRAWINGS\WMHP-TG-SRWG1-DR-SE-0588.DWG, printed on 24 January 2024 13:35:08, by Matt Hallon