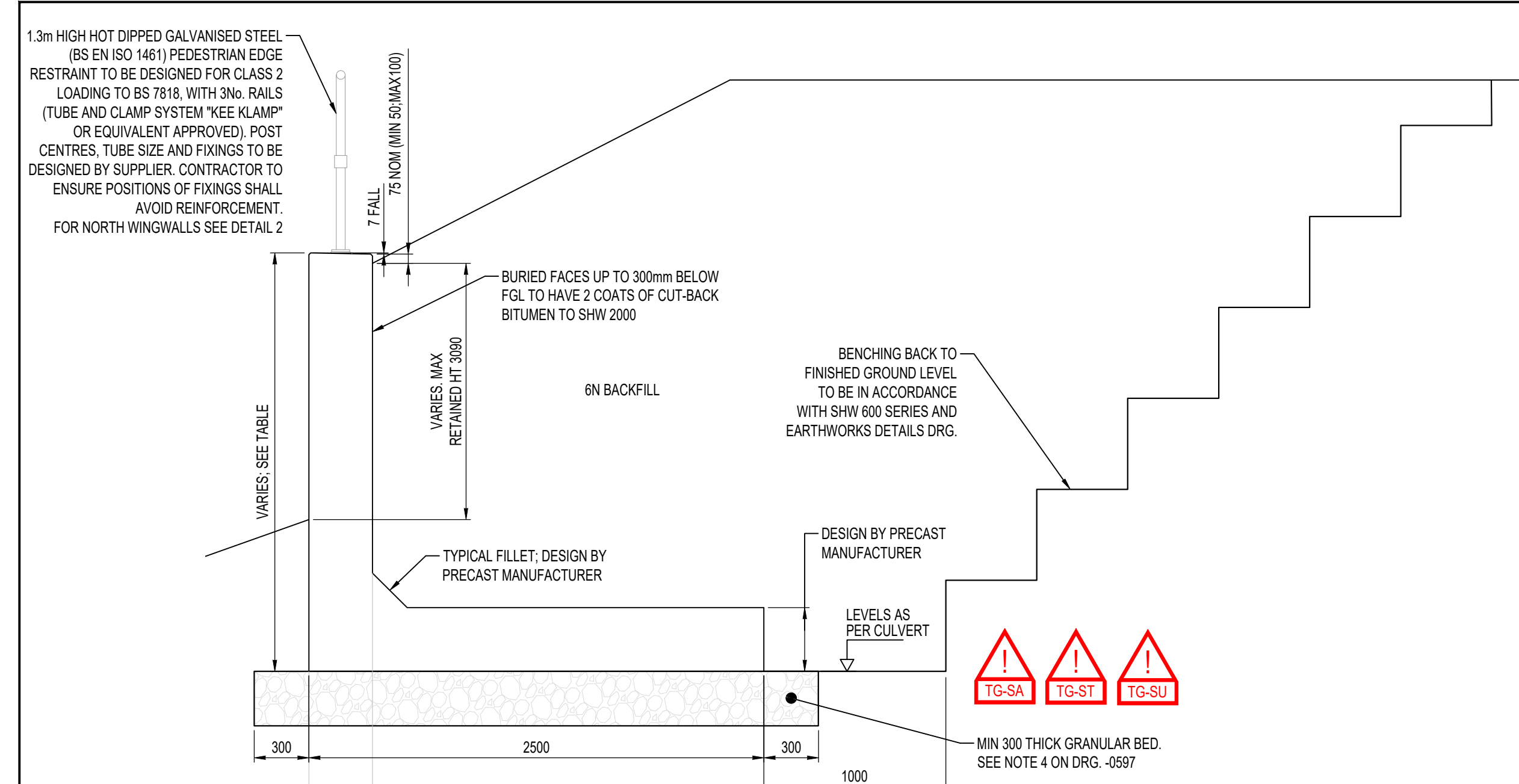
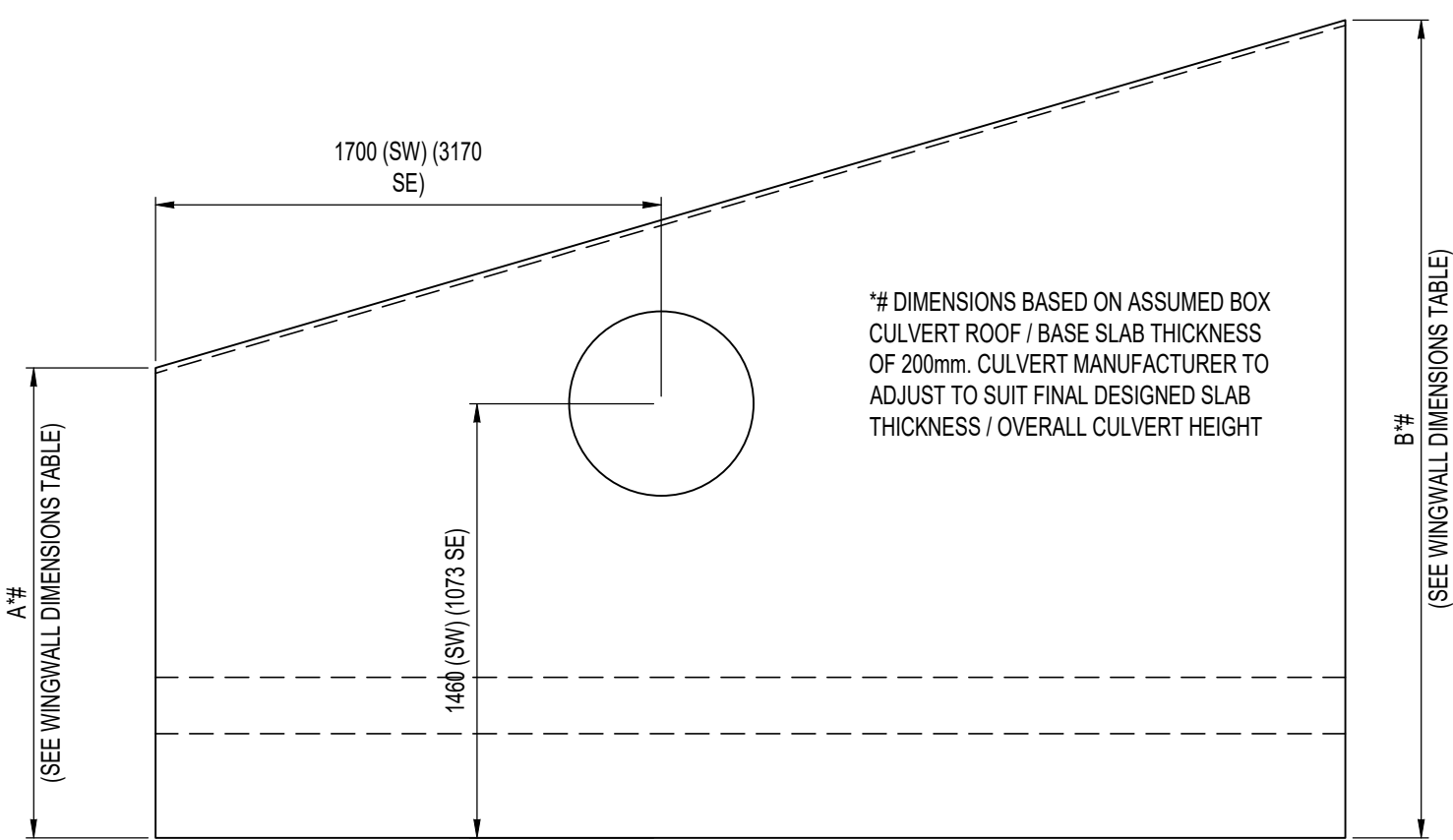


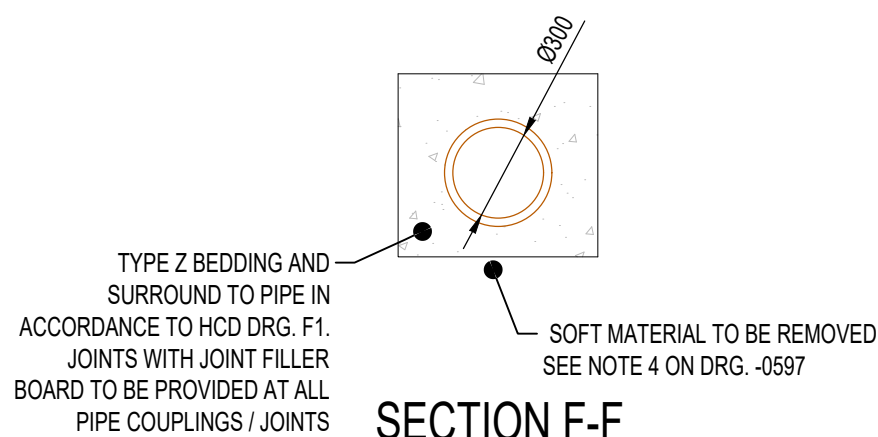
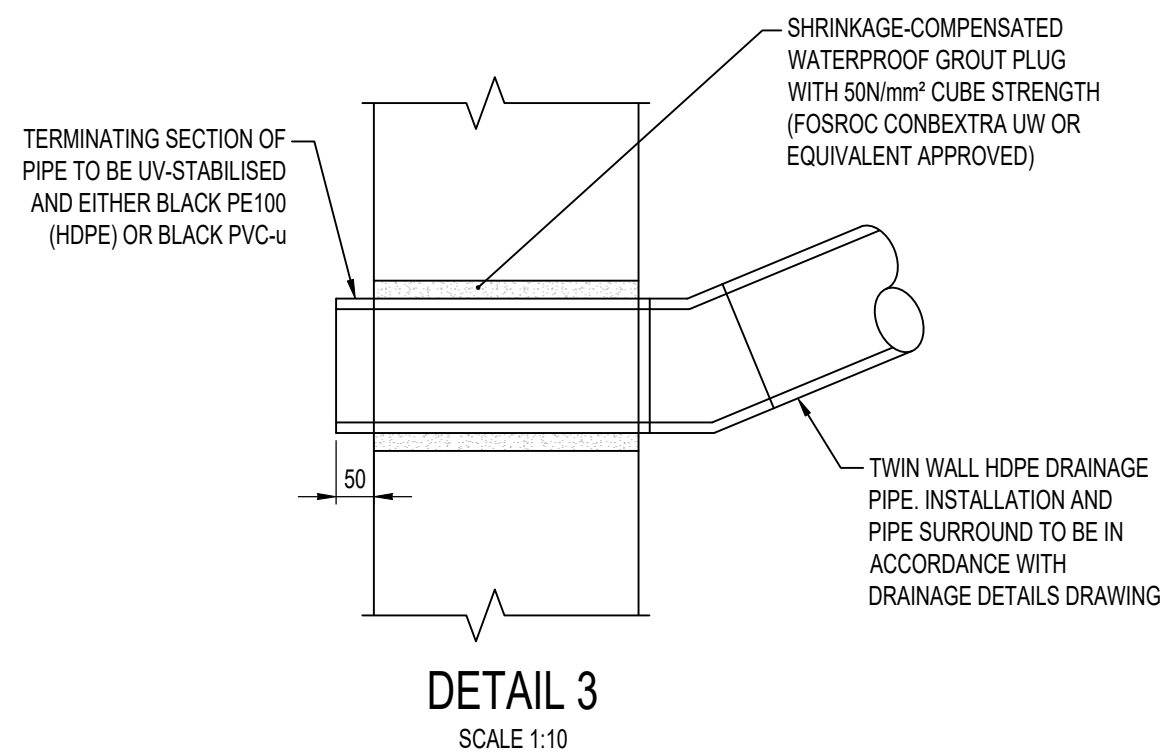


SECTION C-C
TYPICAL WING WALL SECTION (OTHERS SIMILAR)
(REF DRG. -0597)
SCALE 1:25

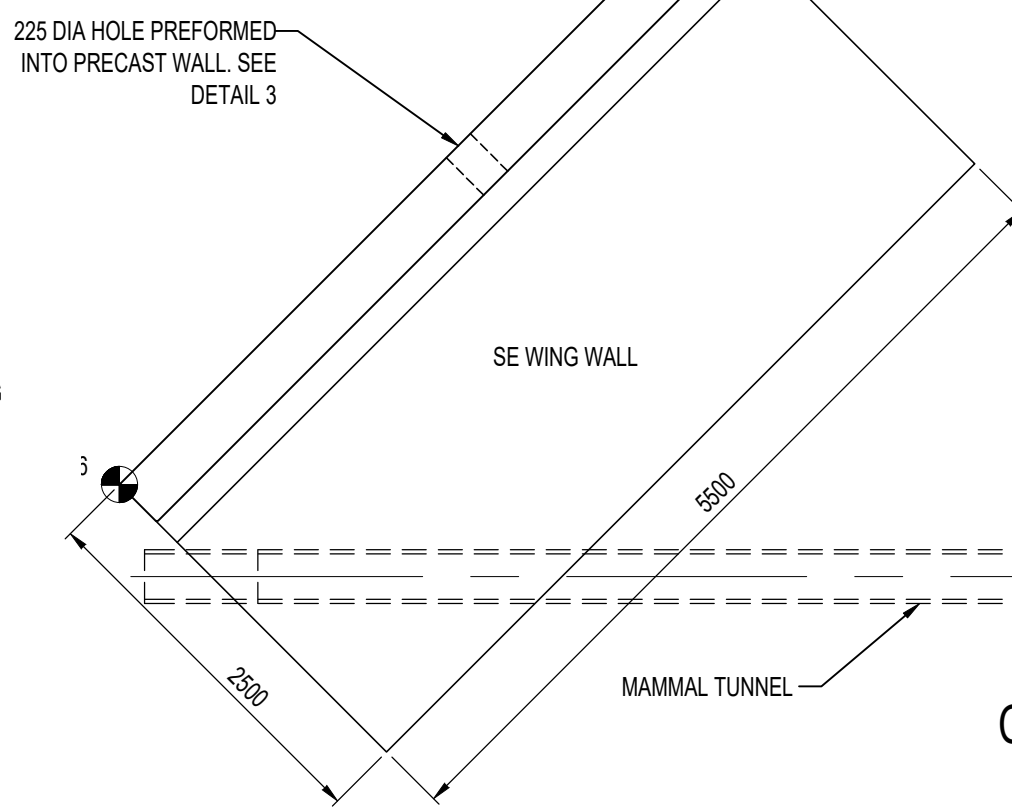


ELEVATION E-E
TYPICAL WINGWALL ELEVATION (OTHERS SIMILAR, EXCEPT HOLE ONLY IN SE)
SCALE 1:25

WINGWALL DIMENSIONS		
	A *#	B *#
NW WINGWALL	1870	3475
NE WINGWALL	1870	3475
SW WINGWALL	1928	2985
SE WINGWALL	2395	2985

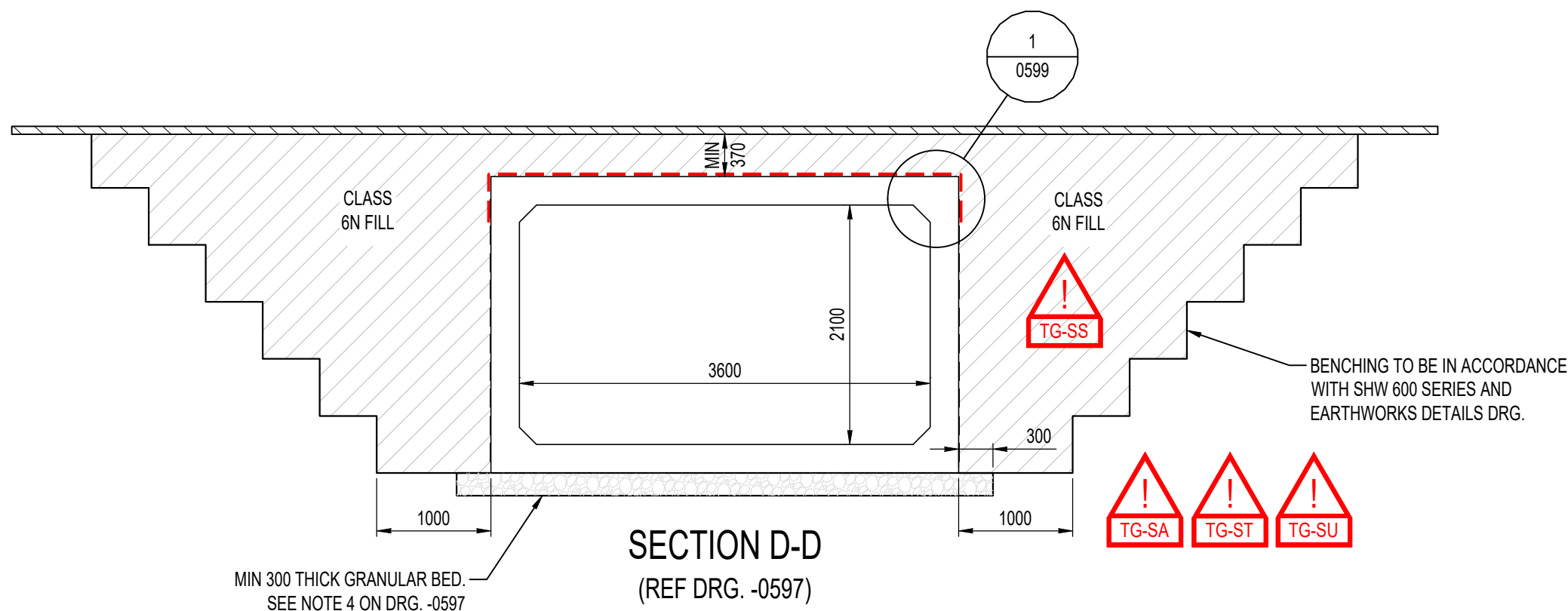


SECTION F-F
THROUGH MAMMAL TUNNEL
(REF DRG. -0597)
SCALE 1:25

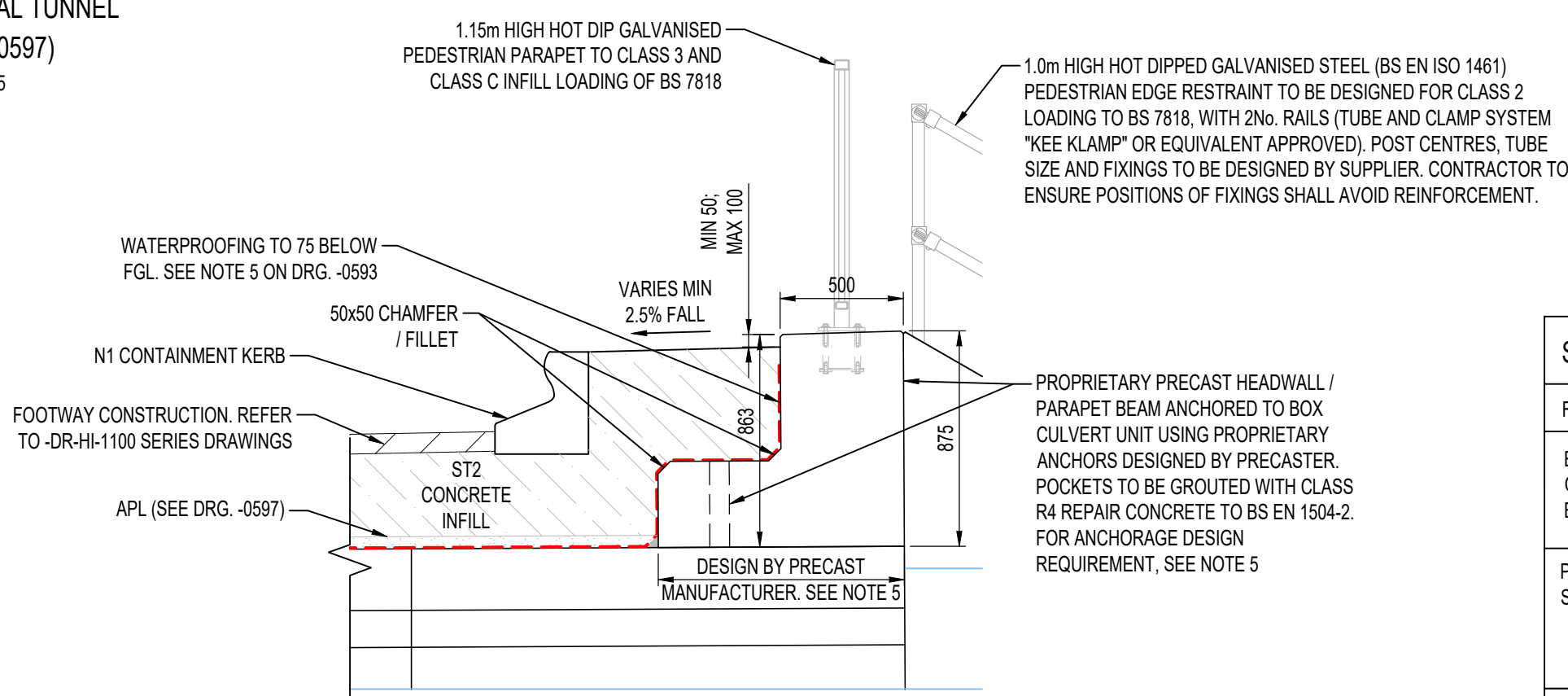


CONCRETE OUTLINE PLAN
SCALE 1:50

SETTING OUT COORDINATES		
SOP_NO.	EASTING	NORTHING
SOP 001	482315.652	167797.148
SOP 002	482318.463	167816.949
SOP 003	482313.614	167797.424
SOP 004	482309.706	167796.571
SOP 005	482317.683	167796.649
SOP 006	482320.987	167792.452
SOP 007	482316.428	167817.220
SOP 008	482314.025	167820.417
SOP 009	482320.496	167816.644
SOP 010	482324.370	167817.640



SECTION D-D
(REF DRG. -0597)
SCALE 1:50



DETAIL 2
(REF DRG. -0597)
SCALE 1:25

SIGNIFICANT RESIDUAL HAZARDS		
RESIDUAL HAZARD	STAGE	SUGGESTED CONTROL MEASURE
ENCOUNTERING GROUNDWATER IN EXCAVATION	C/D	CONTRACTOR TO IMPLEMENT SUITABLE WATER MANAGEMENT MEASURES AS NECESSARY
PRESENCE OF BURIED SERVICES	C/D	SERVICES SHOWN BASED ON C2/C3 SEARCHES. CONTRACTOR TO CARRY OUT FURTHER SURVEYS AND SCANS TO CONFIRM POSITION OF SERVICES PRIOR TO CONSTRUCTION.
UNBALANCED BACKFILL TO CULTVERT WALLS CAUSING CULTVERT INSTABILITY	C/D	BACKFILL CULTVERTS 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.
UNEXPLODED ORDNANCE	C/D	"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
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 SHALL BE READ IN CONJUNCTION WITH DRG. WMHP-TG-SRWG1-DR-SE-0597 AND ALL NOTES CONTAINED THEREIN.
- ALL PRECAST CONCRETE EDGES TO HAVE 10 x 10 CHAMFERS UNLESS NOTED OTHERWISE.
- NORTH PRECAST HEADWALL / PARAPET BEAM TO BE DESIGNED TO RESIST N1 CONTAINMENT KERB IMPACT FORCE OF 200kN ACCIDENTAL LOAD CASE IN ACCORDANCE WITH AIP DOCUMENT WMHP-TG-SRWG1-RP-SE-0596 AND NA TO BS EN 1990 AND BS EN 1991-2 (INCLUDING COMBINATION RULES FOR ACCIDENTAL CASE). SOUTH PRECAST HEADWALL / PARAPET BEAM TO BE DESIGNED FOR EARTH PRESSURE, SURCHARGE OF 5kN/m2 AND PEDESTRIAN EDGE RESTRAINT LOADING SHOWN ON SECTION B-B OF DRG. -0597.

KEYPLAN

P04	01/11/2021	WA	TAA COMMENTS ADDRESSED	KL	CMF
P03	09/08/2021	WA	DETAILED DESIGN	KL	JC
P02	25/06/2021	BPH	UPDATED FOR COMMENTS	WA	CMF
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS:

SUITABLE FOR REVIEW & COMMENT

S3

DESIGNER:

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CLIENT:

WOKINGHAM BOROUGH COUNCIL

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PROJECT:

WOKINGHAM MAJOR HIGHWAYS PROGRAMME
SPINE ROAD AND WESTERN GATEWAY PHASE 1

TITLE:

CULVERT C
STRUCTURE REFERENCE: 3105
GENERAL ARRANGEMENT

SHEET 2

SCALE @ A1: AS SHOWN	CHECKED: JC	APPROVED: CMF
PROJECT NO: C118047	DESIGNED: KL	DRAWN: TCH
DRAWING NO: WMHP-TG-SRWG1-DR-SE-0598	DATE: May 21	REV: P04