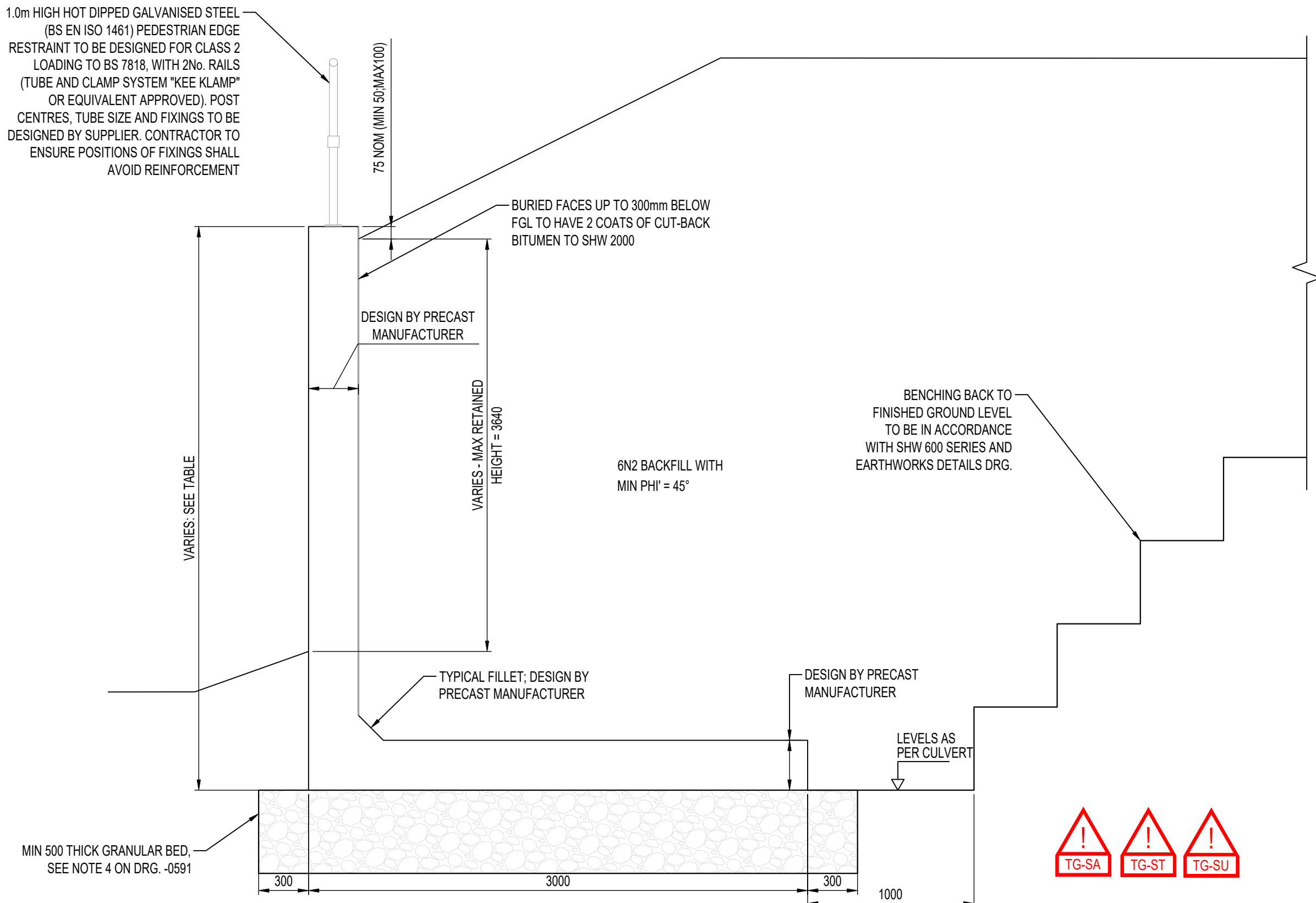
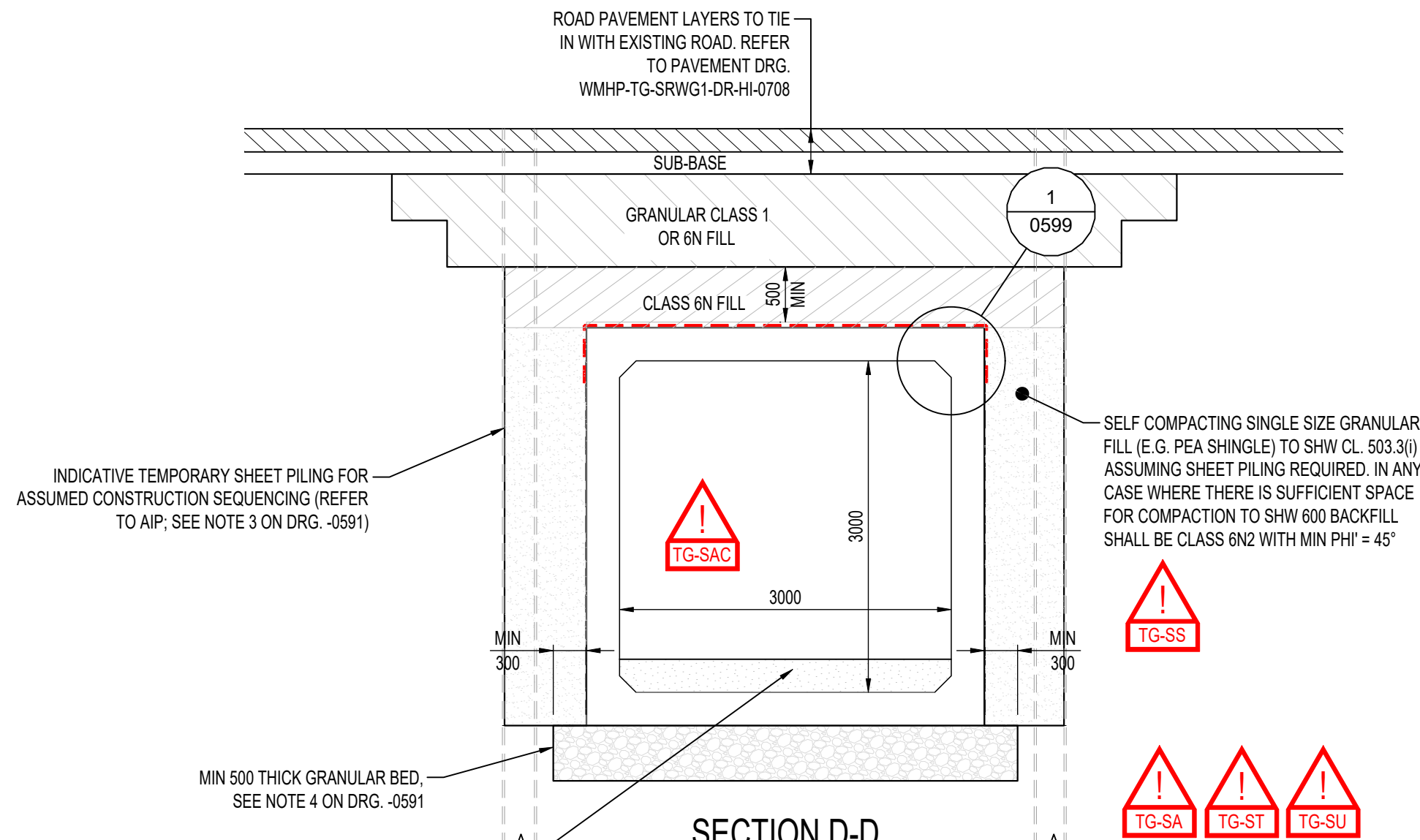


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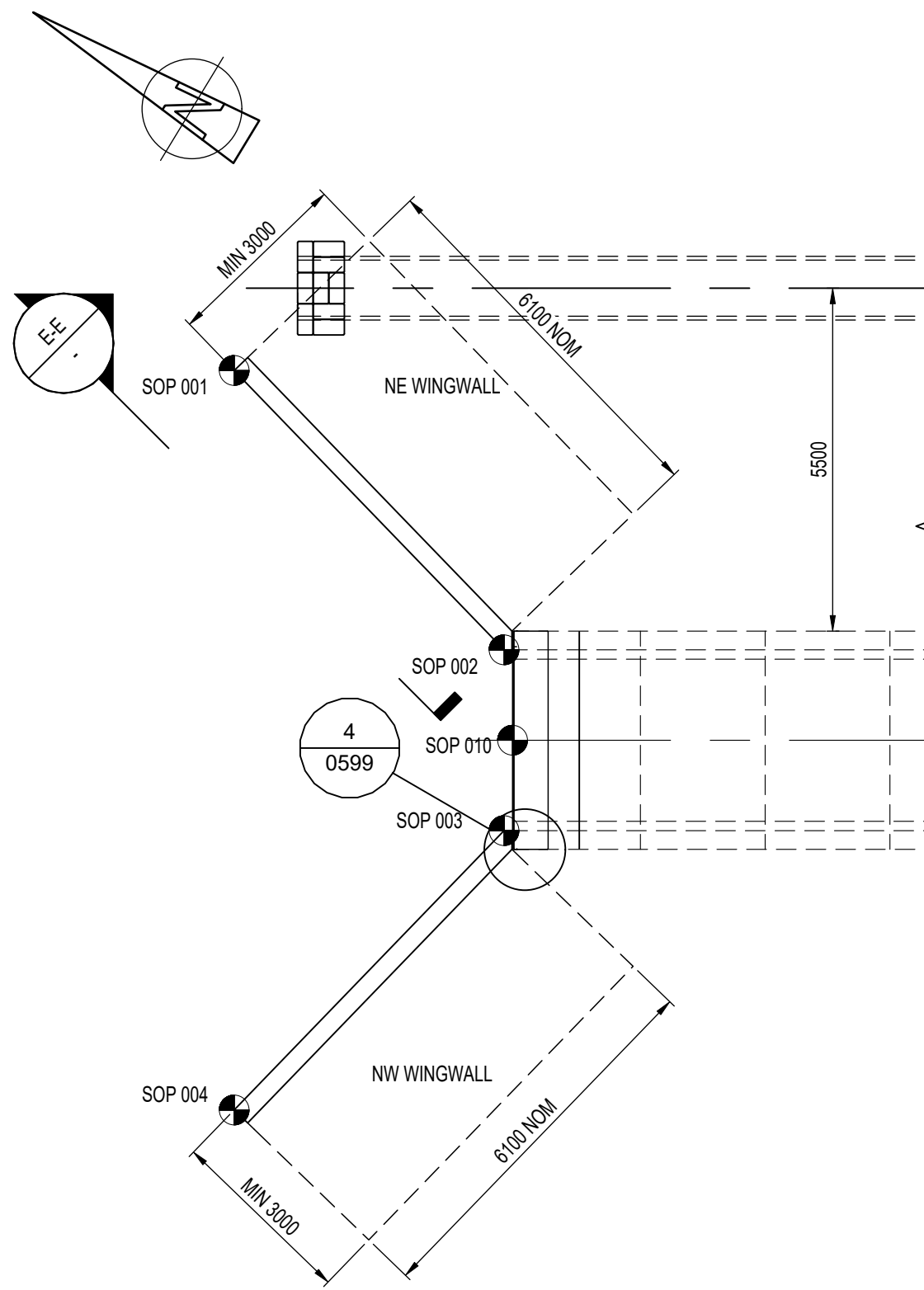
SECTION C-C  
TYPICAL WING WALL SECTION (OTHERS SIMILAR)  
(REF DRG. -0591)  
SCALE 1:25



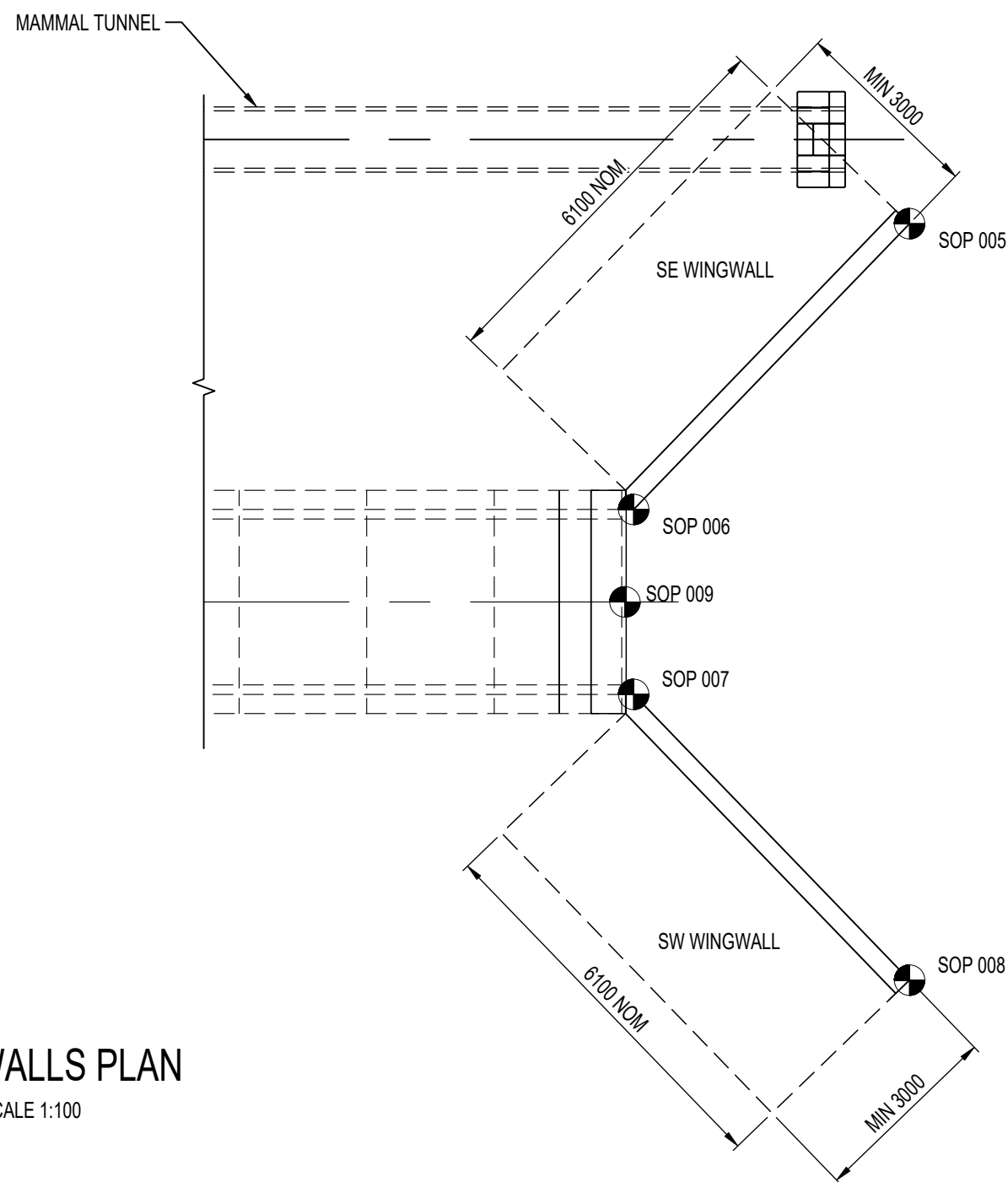
SECTION D-D  
(REF DRG. -0591)  
SCALE 1:50

| SETTING OUT COORDINATES** |            |            |
|---------------------------|------------|------------|
| SOP No.                   | EASTING    | NORTHING   |
| SOP 001                   | 482353.834 | 167669.653 |
| SOP 002                   | 482352.251 | 167663.629 |
| SOP 003                   | 482349.773 | 167662.124 |
| SOP 004                   | 482343.698 | 167663.495 |
| SOP 005                   | 482369.945 | 167643.136 |
| SOP 006                   | 482363.869 | 167644.508 |
| SOP 007                   | 482361.391 | 167643.002 |
| SOP 008                   | 482359.808 | 167636.978 |
| SOP 009                   | 482362.559 | 167643.872 |
| SOP 010                   | 482351.084 | 167662.759 |

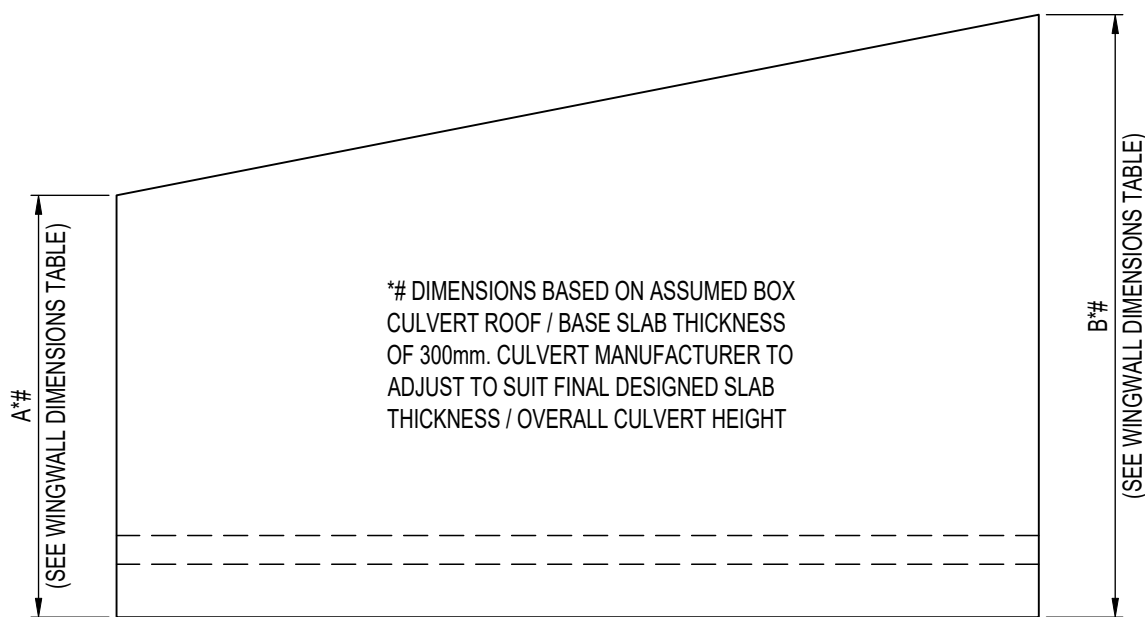
\*\* SETTING OUT COORDINATES ARE PROVIDED TO SET OUT THE CENTRELINE OF THE CULVERT AND CORRESPONDING ANGULAR LINES OF THE WINGWALLS. ABSOLUTE COORDINATES WILL VARY AND TBC ON SITE DEPENDING ON AS-BUILT POSITIONS OF CULVERT UNITS DUE TO CONSTRUCTION TOLERANCES OF UNIT LENGTHS AND GAP SIZES BETWEEN UNITS. NOM GAP SIZE BETWEEN UNITS TO BE 10mm



WINGWALLS PLAN  
SCALE 1:100

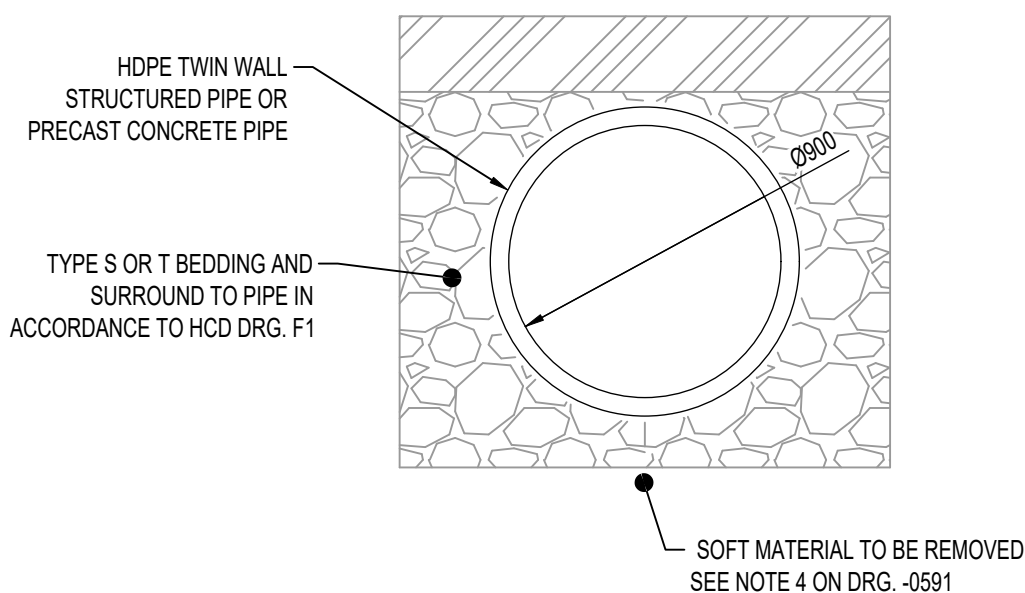


DETAIL 2  
(REF DRG. -0591)  
SCALE 1:20



ELEVATION E-E  
TYPICAL NORTH WINGWALL ELEVATION  
(SOUTH WALLS SIMILAR)  
SCALE 1:50

| WINGWALL DIMENSIONS |      |      |
|---------------------|------|------|
|                     | A *# | B *# |
| NW WINGWALL         | 2840 | 4045 |
| NE WINGWALL         | 2840 | 4045 |
| SW WINGWALL         | 2430 | 4045 |
| SE WINGWALL         | 2490 | 4045 |

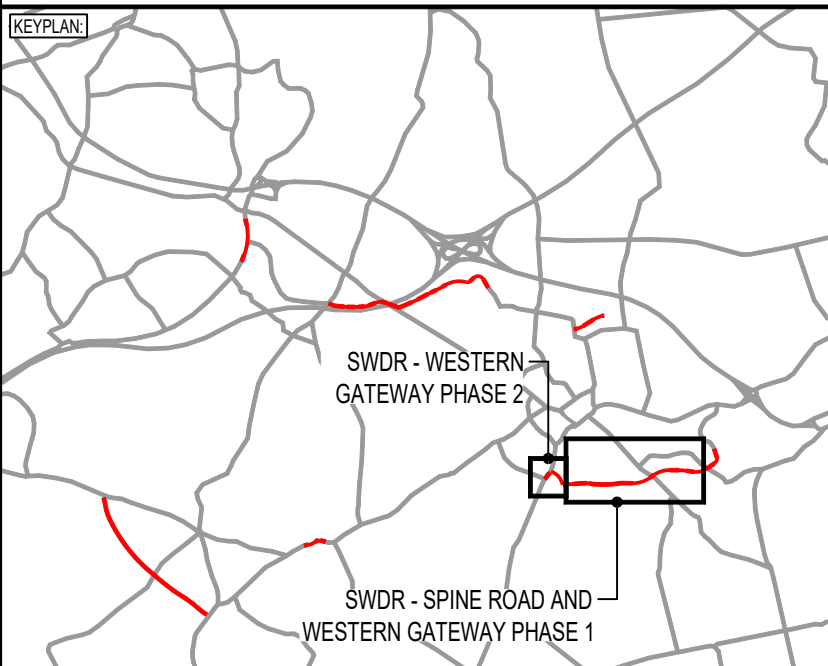


SECTION THROUGH MAMMAL TUNNEL  
(REF DRG. -0591)  
SCALE 1:25

| SIGNIFICANT RESIDUAL HAZARDS                                                                                                                                                                                                                                                                    |       |                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RESIDUAL HAZARD                                                                                                                                                                                                                                                                                 | STAGE | SUGGESTED CONTROL MEASURE                                                                                                                                                                                                                                                              |
| PLACING FILL INSIDE CULVERT - CONFINED SPACE<br>TG-SAC                                                                                                                                                                                                                                          | C     | CONTRACTOR TO PLACE FILL SEGMENTALLY AS THE CULVERT UNITS ARE PLACED.                                                                                                                                                                                                                  |
| ENCOUNTERING GROUNDWATER IN EXCAVATION<br>TG-SU                                                                                                                                                                                                                                                 | C/D   | CONTRACTOR TO IMPLEMENT SUITABLE WATER MANAGEMENT MEASURES AS NECESSARY                                                                                                                                                                                                                |
| PRESENCE OF BURIED SERVICES<br>TG-SA                                                                                                                                                                                                                                                            | C/D   | SERVICES SHOWN BASED ON C2 SEARCHES. CONTRACTOR TO CARRY OUT FURTHER SURVEYS AND SCANS TO CONFIRM POSITION OF SERVICES PRIOR TO CONSTRUCTION.                                                                                                                                          |
| UNBALANCED BACKFILL TO CULVERT WALLS CAUSING CULVERT INSTABILITY<br>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. |
| UNEXPLODED ORDNANCE<br>TG-ST                                                                                                                                                                                                                                                                    | 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-0591 AND ALL NOTES CONTAINED THEREIN.
  - ALL PRECAST CONCRETE EDGES TO HAVE 10 x 10 CHAMFERS UNLESS NOTED OTHERWISE



|     |            |    |                                      |     |     |
|-----|------------|----|--------------------------------------|-----|-----|
| 0   | 0          | 0  | 0                                    | 0   | 0   |
| 0   | 0          | 0  | 0                                    | 0   | 0   |
| P08 | 13/06/2025 | NL | UPDATED TO ADDRESS PLANNING COMMENTS | WA  | KL  |
| REV | DATE       | BY | DESCRIPTION                          | CHK | APP |

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

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

TITLE: **SANG CULVERT D  
STRUCTURE REFERENCE: 3106  
GENERAL ARRANGEMENT**

|                                         |                 |                  |
|-----------------------------------------|-----------------|------------------|
| SCALE @ A1:<br>AS SHOWN                 | CHECKED:<br>KL  | APPROVED:<br>CMF |
| PROJECT NO:<br>C118047                  | DESIGNED:<br>WA | DRAWN:<br>PW     |
| DRAWING No:<br>WMHP-TG-SRWG1-DR-SE-0592 | DATE:<br>May 21 | REV:<br>P06      |