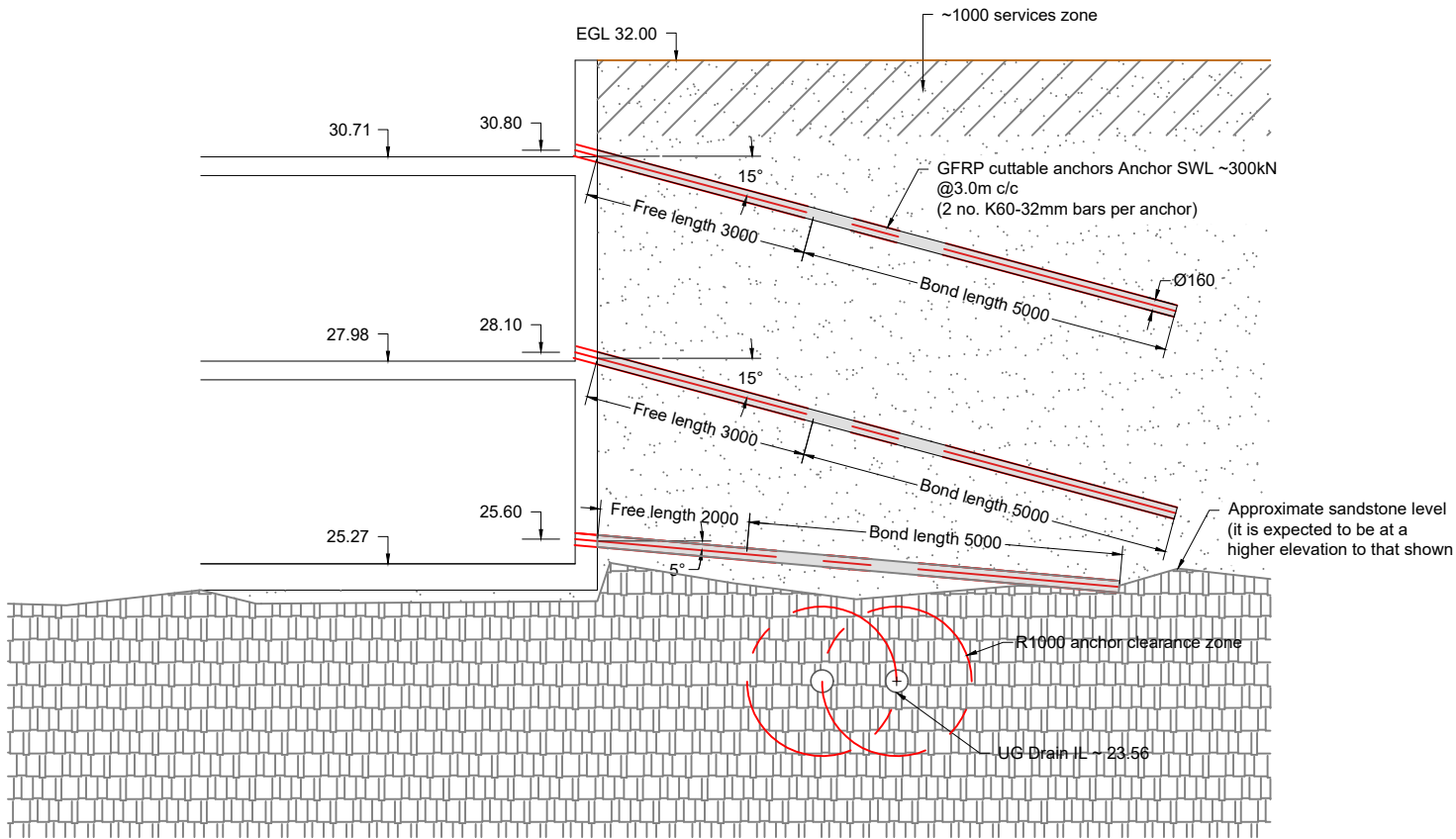
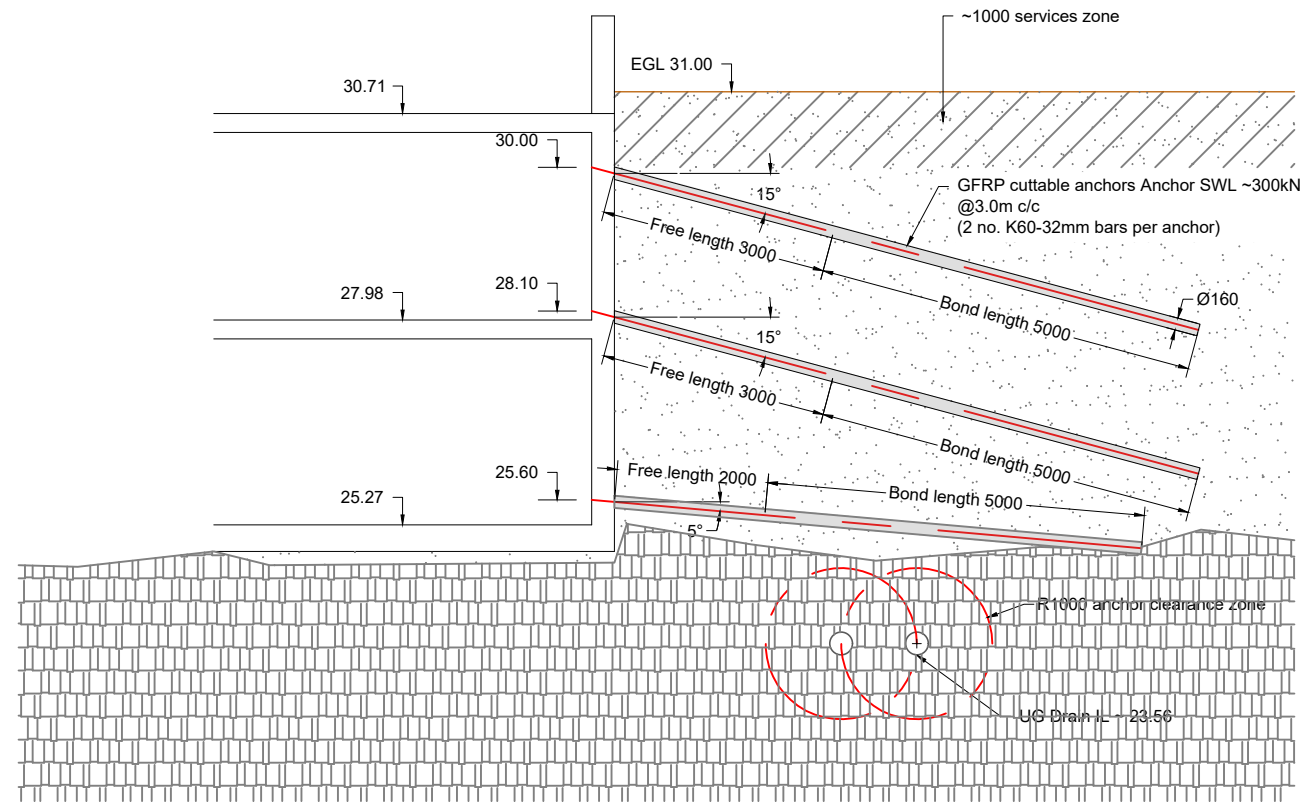




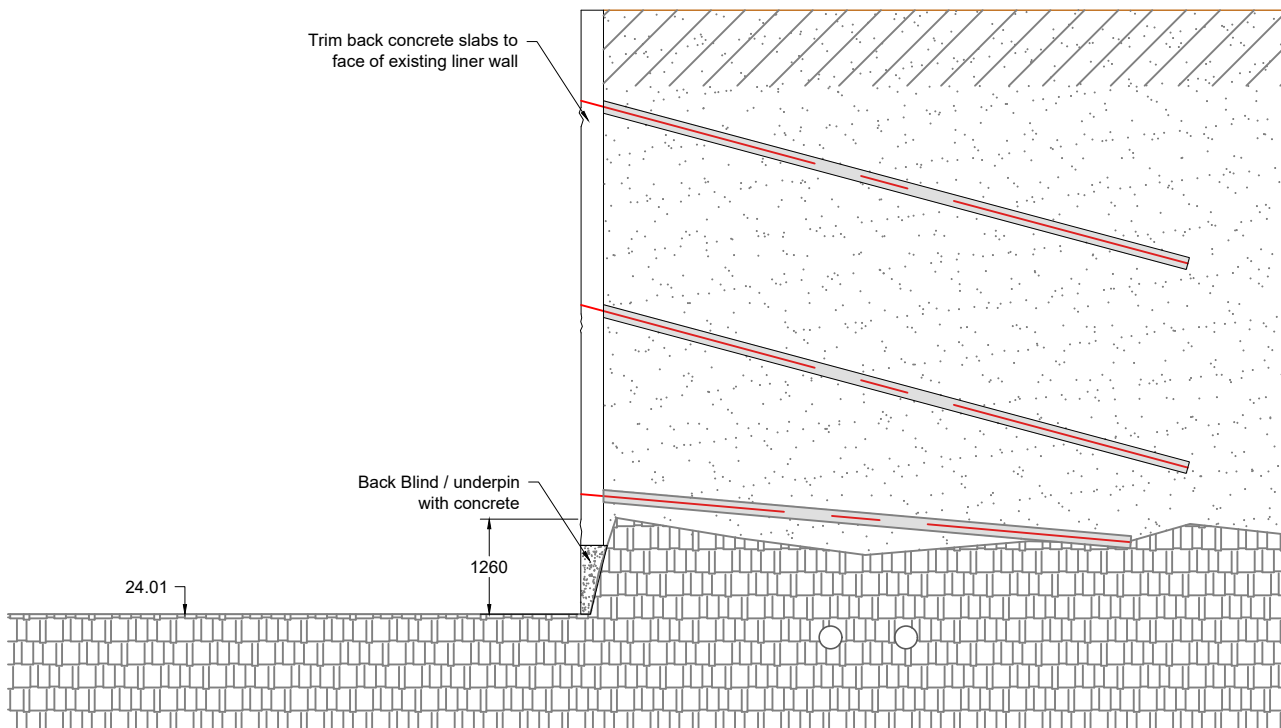
SECTION A - A (STAGE 1)

Scale: 1:100



SECTION B - B (STAGE 1)

Scale: 1:100

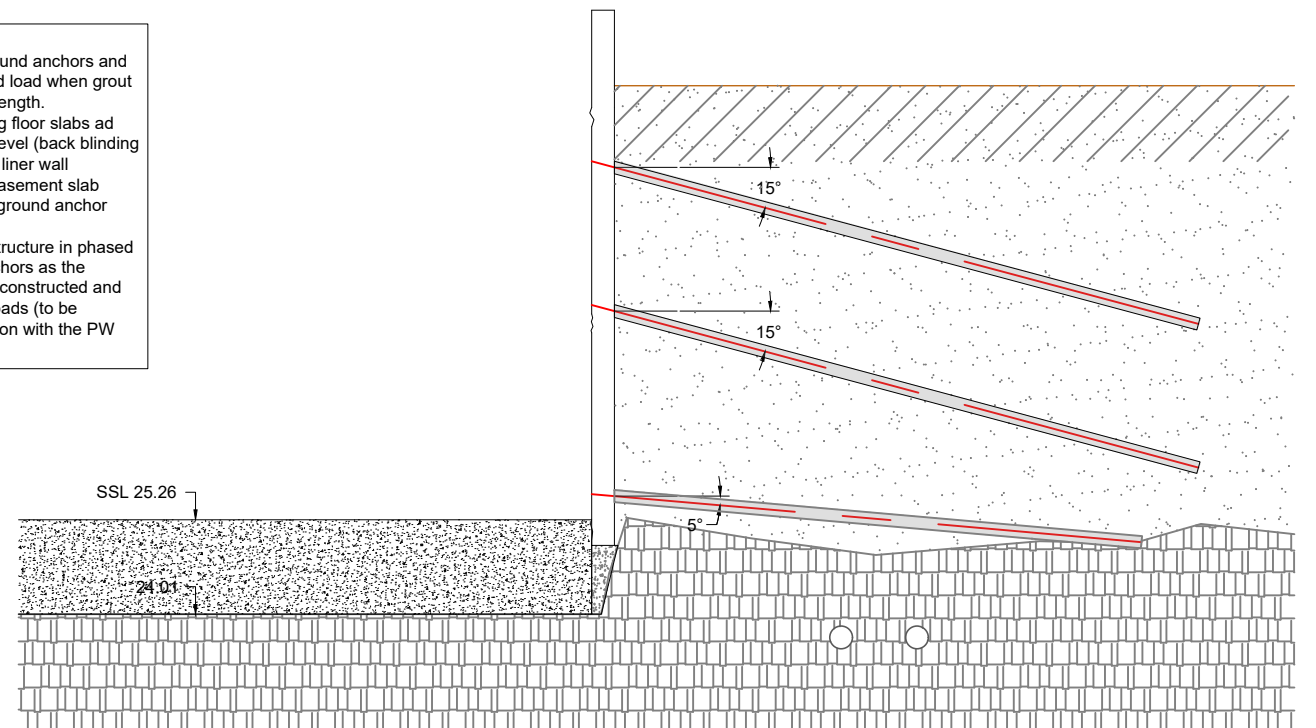


SECTION A - A (STAGE 2)

Scale: 1:100

Construction Stages

1. Install GFRP ground anchors and stress to predetermined load when grout has reached design strength.
2. Demolish existing floor slabs and excavate to formation level (back blinding / underpinning existing liner wall)
3. Construct new basement slab
4. De-stress lower ground anchor (+25.60m)
5. Construct new structure in phased bases de-stressing anchors as the permanent structure is constructed and capable of taking the loads (to be developed in consultation with the PW designer)



SECTION B - B (STAGE 3)

Scale: 1:100

NOTES:

1. All dimensions are in mm.
2. Temporary tie back anchors designed in accordance with BS8081:1989 maximum design life 2 years following prestressing. anchors remain stresses until permanent works support is constructed. refer to construction sequence.
3. Temporary anchors to be installed as per BS8081:1989 and EN1537:2000
4. GFRP anchors re to be fed into Ø160mm borehole and grouted with 40N/mm² grout
5. Acceptance tests to be completed on all anchors to 125% of the anchor SWL as per BS8081 and EN1537:2000
6. Any amendments to the proposed design should be forwarded to the SISK technical office prior to implementation.

RISKS:

1. Underground utilities
2. Varying ground conditions
3. Uncharted utilities
4. Pre-stressing tendons



REV	DATE	DESCRIPTION	BY	CHK	APD
P01	25/05/22	FOR DISCUSSION	RC		



PROJECT TITLE		
RENAISSANCE		
DRAWING TITLE		
TEMPORARY WORKS RETAINING WALL TEMPORARY SUPPORT VICTORIA BRIDGE RD SECTIONS (SHEET 2 OF 3)		
DRAWING NUMBER		
0000 - SISK - 006 - XX - DR - TW - 0002		
REV		
P01		
SCALE		
1:100 (A3)		