



TYPICAL SECTION A-A (THROUGH STRUCTURE)
NTS

TYPICAL ELEVATION
Scale 1:50

PARAPET EDGE BEAMS
Scale 1:10

EXISTING EMBANKMENT - INFILL TIE-IN DETAIL
NTS

Notes:
General

- All dimensions are in millimeters unless otherwise stated.
- All traffic management is to be set out in accordance with Chapter 8 and to be designed, implemented and maintained by the Contractor.
- Works are to be carried out using traffic lights and these will need to be checked and maintained throughout the duration of the scheme.
- Normal working hours shall be Mon-Fri (7:30 - 17:00 hours). Contractor shall organise operations of plant/machinery to minimise construction noise to adjacent properties (special consideration between 7:30 & 9:00).

Foam Concrete

- Ref Appendix 17/1 schedule for specification of designed concrete.
- Foam concrete is to be poured in <1m stages.
- Adequate ventilation is to be provided during installation. Contractor to comply with IAN 127/09.
- One concrete sample is to be taken at each stage of installation (1 per lift).
- A sample consists of two concrete cubes for each test results, 7 & 28 day strengths are required.
- Concrete samples are to be prepared in accordance with BS EN 12350.

Excavation/Fill material

- Final infill levels to be agreed on site and may be subject to change
- Existing tree roots are to be removed from all embankments.
- General well graded/general fill either Class 1A or B.
- Compaction and layers of fill material is to be carried out in accordance SHW, series 600, Table 6/4: Method compaction for earthworks material.
- Earthworks outline shall be graded to smooth flowing contours. All stone, wood and other hard material over 50mm in size shall be removed.
- Finished topsoil levels (150mm depth) after settlement has occurred are to be tied into adjoining soil areas.

Footpath construction

- 150mm Type 1 sub base (well compacted), 50mm Dense bin base (14/20mm aggregate), 25mm Dense bin surface course (2.8/6.3mm aggregate).
- Concrete bedded edgings to be provided.
- New footpath to be tied into existing in layer (500mm length)
- Drop kerb shall consist of 2 No. 125 x 150 x 900 bullnose kerbs (0-6mm kerb face) and 2 No. 125 x 150 to 125 to 255 transition kerbs.
- Tactiles to be founded on 100mm GEN 0 concrete with 10mm mortar bed (Class III).

Rev	By	Chkd	App	Date	Description



Project: (528) UNDERPASS C4

GENERAL ARRANGEMENT / UNDERPASS INFILLING WORKS

Suitability:	DRAFT
Drawn by:	W Godson Date: Nov 18
Checked by:	A Broxton Date: Nov 18
Approved by:	M Day Date: Nov 18
Drawing Scale:	As Shown @ A1
Drawing No.:	695461-C-528-01
Revision:	

SIGNIFICANT RESIDUAL RISKS	
The following list identifies areas of Significant Residual Risk and references them to the drawing with	
Description of Risk	Ref. No.
Poor condition of existing vehicle restraint system	1
Foam concrete to be installed in <1m lifts only	2
Location of services are to be confirmed (Trial pits) if required. Hydro demolition to be confirmed	3
Aggressive behaviour from members of the public	4
Refer to designer Risk Assessment for all hazard listings	

PLAN
Scale 1:200