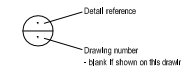


IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

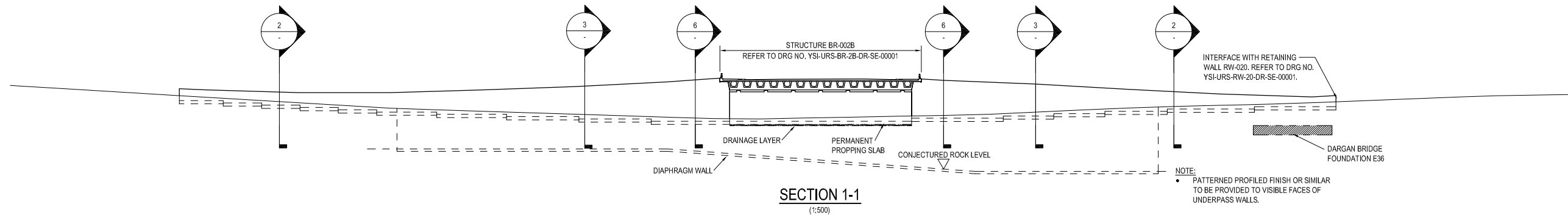
THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

NOTES

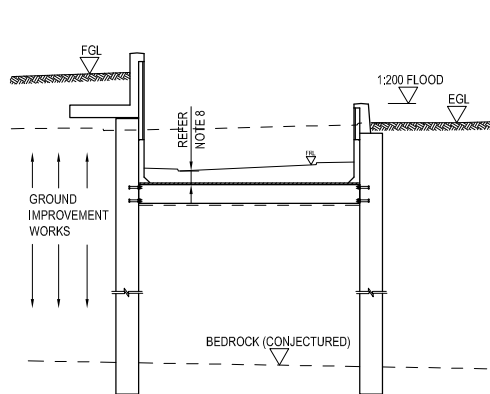
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
2. DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
3. ALL DIMENSIONS IN MILLIMETRES. ALL CHANGES, LEVELS AND COORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE PROJECT HEALTH & SAFETY FILE FOR ANY IDENTIFIED POTENTIAL RISKS.
5. ALL EXPOSED ARRESSES TO HAVE 25/25 CHAMFERS UNLESS NOTED OTHERWISE. DETAILS ARE REFERENCED THUS:



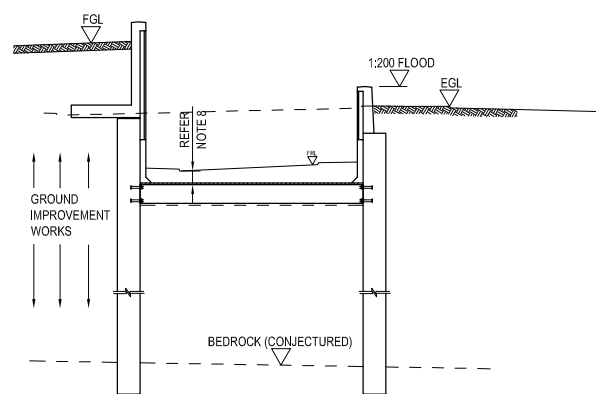
7. TOP OF RETAINING WALLS & DIAPHRAGM WALLS BASED ON 1:200 YEAR FLOOD LEVEL OF +3.2m AOD + 0.7m FREEBOARD.
8. 1:200 FLOOD LEVEL INDICATED ON DRAWING INCLUDES FREEBOARD ALLOWANCE.
9. MIN DEPTH OF 70mm TO BE PROVIDED BETWEEN FRL AND TOP OF TROUGH SLAB THROUGHOUT UNDERPASS FOR FUTURE SERVICES AND DRAINAGE.



SECTION 1-1
(1:500)



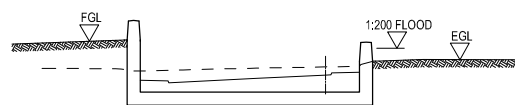
SECTION 3-3
(2.5-6.3m RETAINED HEIGHT)
(1:200)



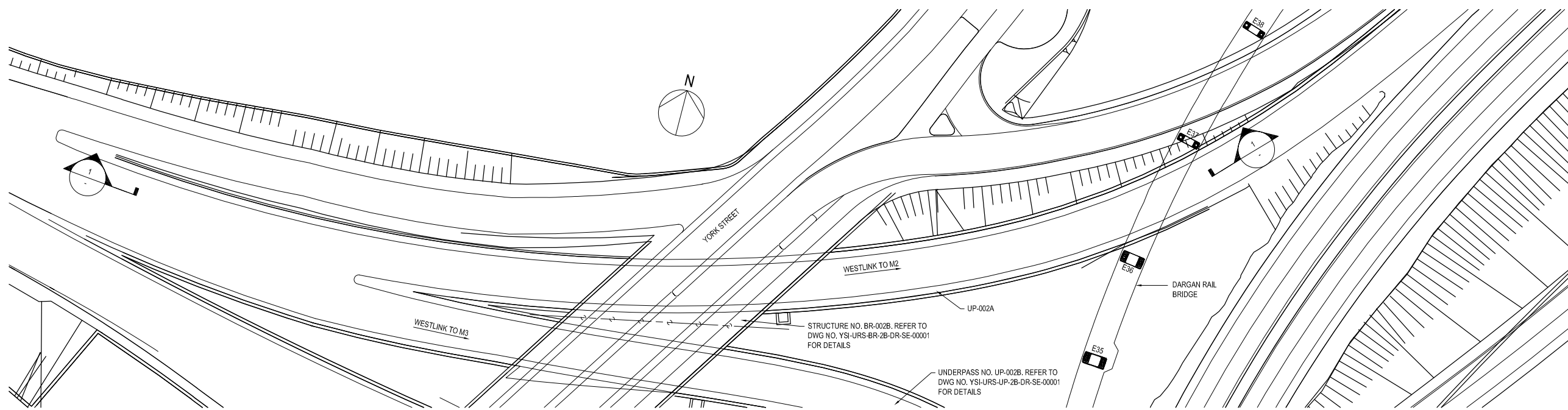
SECTION 6-6
(6.3m+ RETAINED HEIGHT)
(1:200)

SUGGESTED UNDERPASS CONSTRUCTION SEQUENCE

- 1) TAKE MEASURES TO PREVENT MOVEMENT OF EXISTING ADJACENT EMBANKMENTS AND STRUCTURES. MEASURES TO BE APPROVED BY THE DESIGNER.
- 2) FORM DIAPHRAGM WALLS OF UNDERPASSES. COUPLERS TO BE INCLUDED IN DIAPHRAGM WALLS AT LEVEL OF PROPPING SLAB.
- 3) EXCAVATE BETWEEN DIAPHRAGM WALLS TO TEMPORARY PROPPING LEVEL.
- 4) INSTALL TEMPORARY PROPS.
- 5) REPEAT ITEMS 4 & 5 AS NECESSARY.
- 6) EXCAVATE BELOW PROPS TO ALLOW FORMATION OF PERMANENT PROPPING SLAB.
- 7) CONSTRUCT PERMANENT PROPPING SLAB USING COUPLERS TO FORM AN INTEGRAL CONNECTION WITH DIAPHRAGM WALLS.
- 8) REMOVE TEMPORARY PROPS.
- 9) CONSTRUCT FINISHES.



SECTION 2-2
(0-2.5m RETAINED HEIGHT)
(1:200)



PLAN
(1:500)

Revision Details	By	Check	Date	Stn/No
GENERAL REVISIONS	SF	GMcF	24.11.14	P2
GENERAL REVISIONS	DSH	GMcF	15.07.14	P1

Purpose of Issue
PRELIMINARY



Project Title
YORK STREET INTERCHANGE

Drawing Title
**UNDERPASS UP-002A
GENERAL ARRANGEMENT**

Designed	Drawn	Checked	Approved	Date
GMcF	JMcC	GMcF	GMcF	JAN 14

URS Internal Project No. 47037827
Scale @ A1 AS SHOWN
Zone

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Drawing Number YSI-URS-UP-2A-DR-SE-00001	Rev P2
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