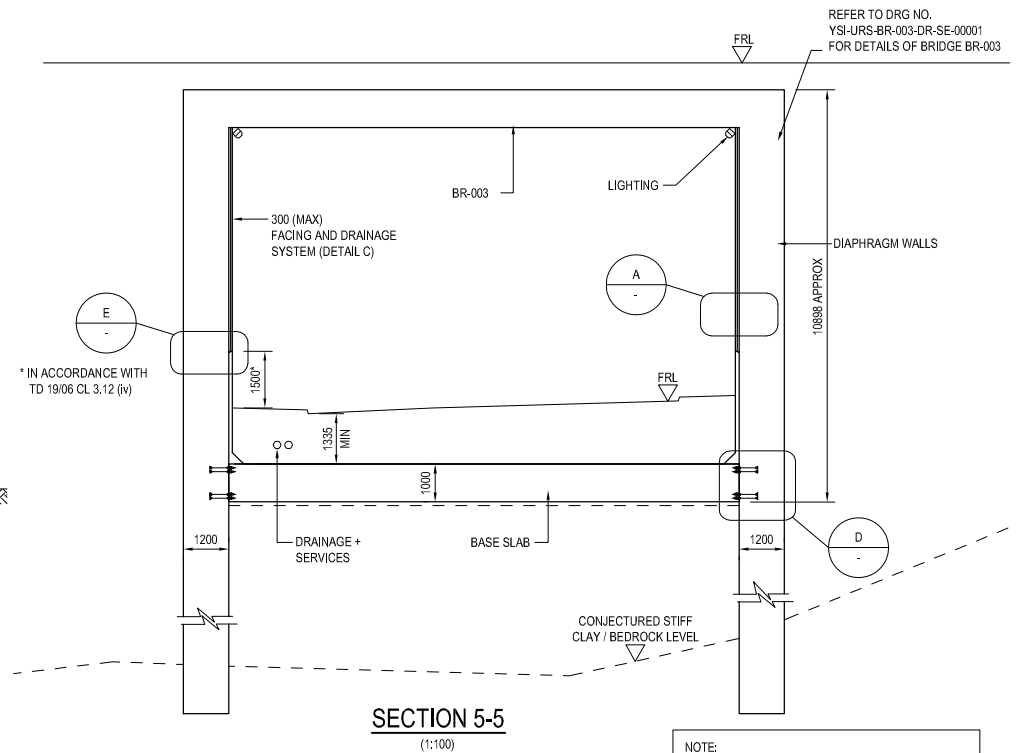
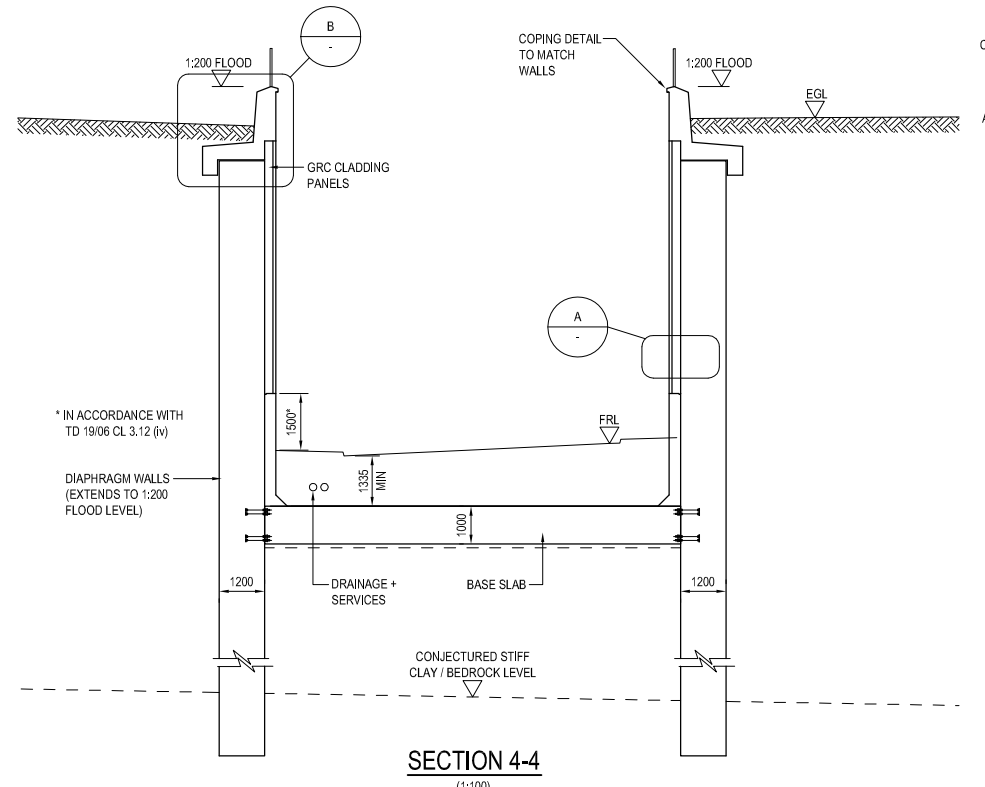
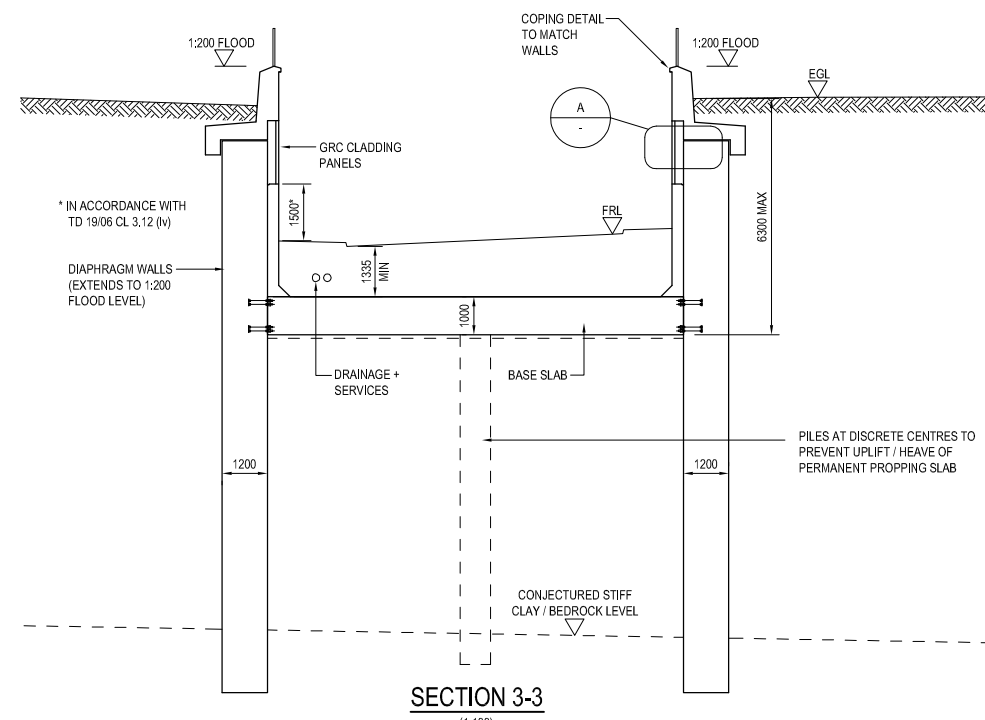
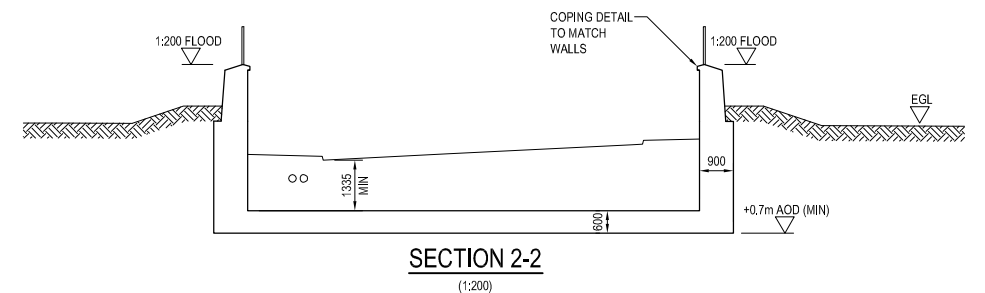


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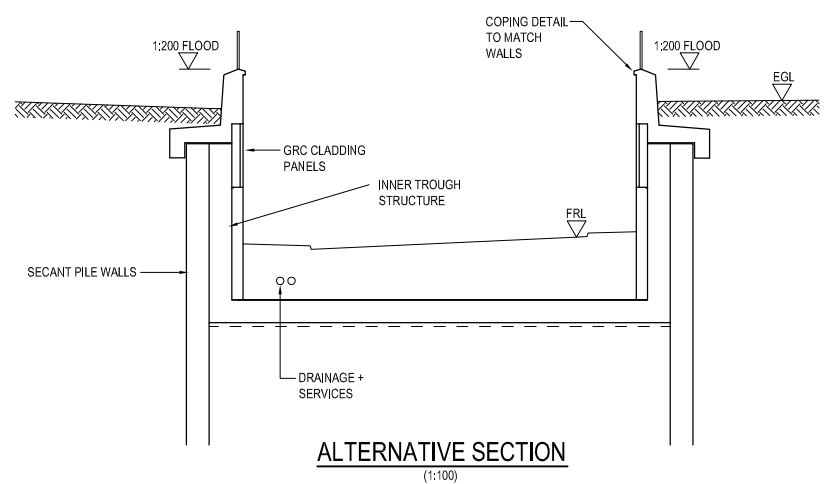
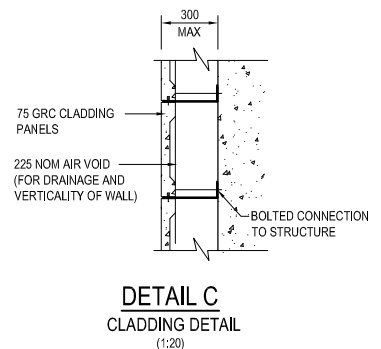
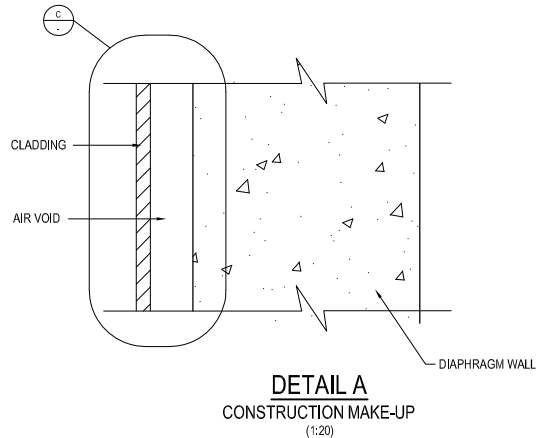
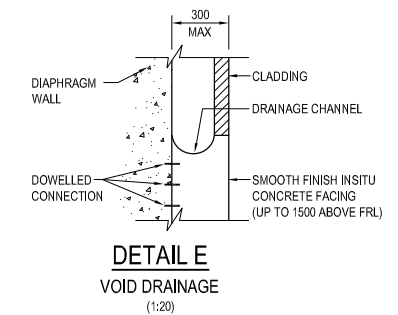
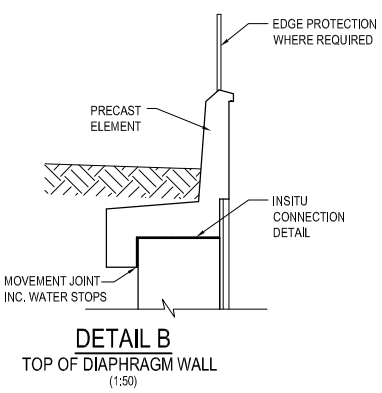
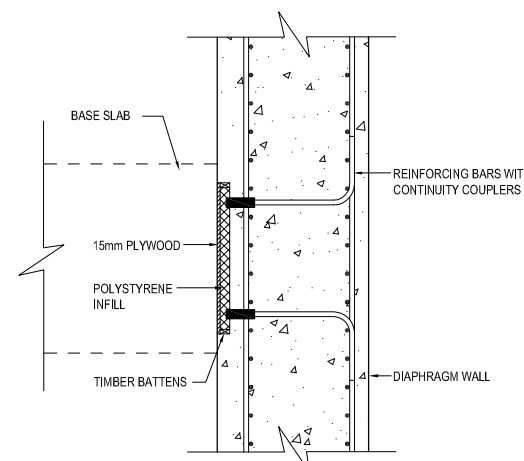
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NOTES

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 - ALL EXPOSED ARMS TO HAVE 25G5 CHAMFERS UNLESS NOTED OTHERWISE. DETAILS ARE REFERENCED THUS:
- Detail reference
- Blank if shown on this drawing.
- TOP OF RETAINING WALLS & DIAPHRAGM WALLS BASED ON 1:200 YEAR FLOOD LEVEL OF +3.2m AOD + 0.7m FREEBOARD.
 - 1:200 FLOOD LEVEL INDICATED ON DRAWING INCLUDES FREEBOARD ALLOWANCE.
 - DIAPHRAGM REINFORCEMENT TO EXTEND FULL DEPTH OF WALLS TO RESIST POTENTIAL AXIAL LOADS FROM WATER UPLIFT PRESSURES.
 - DIAPHRAGM WALLS TO BE CONSTRUCTED IN ACCORDANCE WITH REQUIREMENTS OF BS EN 1382000.
 - DIAPHRAGM WALL CONSTRUCTION TO BE IN GENERAL ACCORDANCE WITH THE PRINCIPLES OF ICE SPECIFICATION FOR PILING AND EMBEDDED RETAINING WALLS.
 - A WORKING PLATFORM IS TO BE PROVIDED TO ALLOW EXCAVATION FLUO TO RAISE 1.5M MIN ABOVE THE GROUNDWATER TABLE. TIDAL INFLUENCE ON GROUNDWATER LEVEL TO BE NOTED AND ALLOWED FOR.
 - EXCAVATION FLUO MUST BE DESIGNED BY A SPECIALIST CONTRACTOR AND MUST CONSIDER THE SPECIFIC SITE CONSTRAINTS AND CONDITIONS.
 - LOW HEADROOM UNDER THE EXISTING LAGAN AND DARGAN BRIDGES IS HIGHLIGHTED.
 - MINIMUM LENGTHS OF DIAPHRAGM WALL PANEL ARE TO BE PROVIDED AT AND ADJACENT TO THE EXISTING LAGAN AND DARGAN BRIDGE FOUNDATIONS TO MINIMISE DISTURBANCE TO THE EXISTING FOUNDATIONS.
 - WATER PRESSURE IN THE LAYERS OF FLUOIAL SANDS AND GRAVELS MUST BE RELIEVED BEFORE EXCAVATION WORKS COMMENCES TO PREVENT POTENTIAL 'BLOW UP' FAILURES OCCURRING.



NOTE:
• FOR INTERNAL STRUCTURE WALLS TO HAVE SUFFICIENT CAPACITY ADJACENT TO EXISTING LAGAN BRIDGE FOUNDATIONS, DECK OF BR-003 IS REQUIRED TO ACT AS A PERMANENT PROP.



Revision Details	By	Check	Date	Stn/No
GENERAL REVISIONS	SF	GMcF	24.11.14	P2
GENERAL REVISIONS	DSH	GMcF	11.07.14	P1

Purpose of Issue: **PRELIMINARY**



Client: **YORK STREET INTERCHANGE**

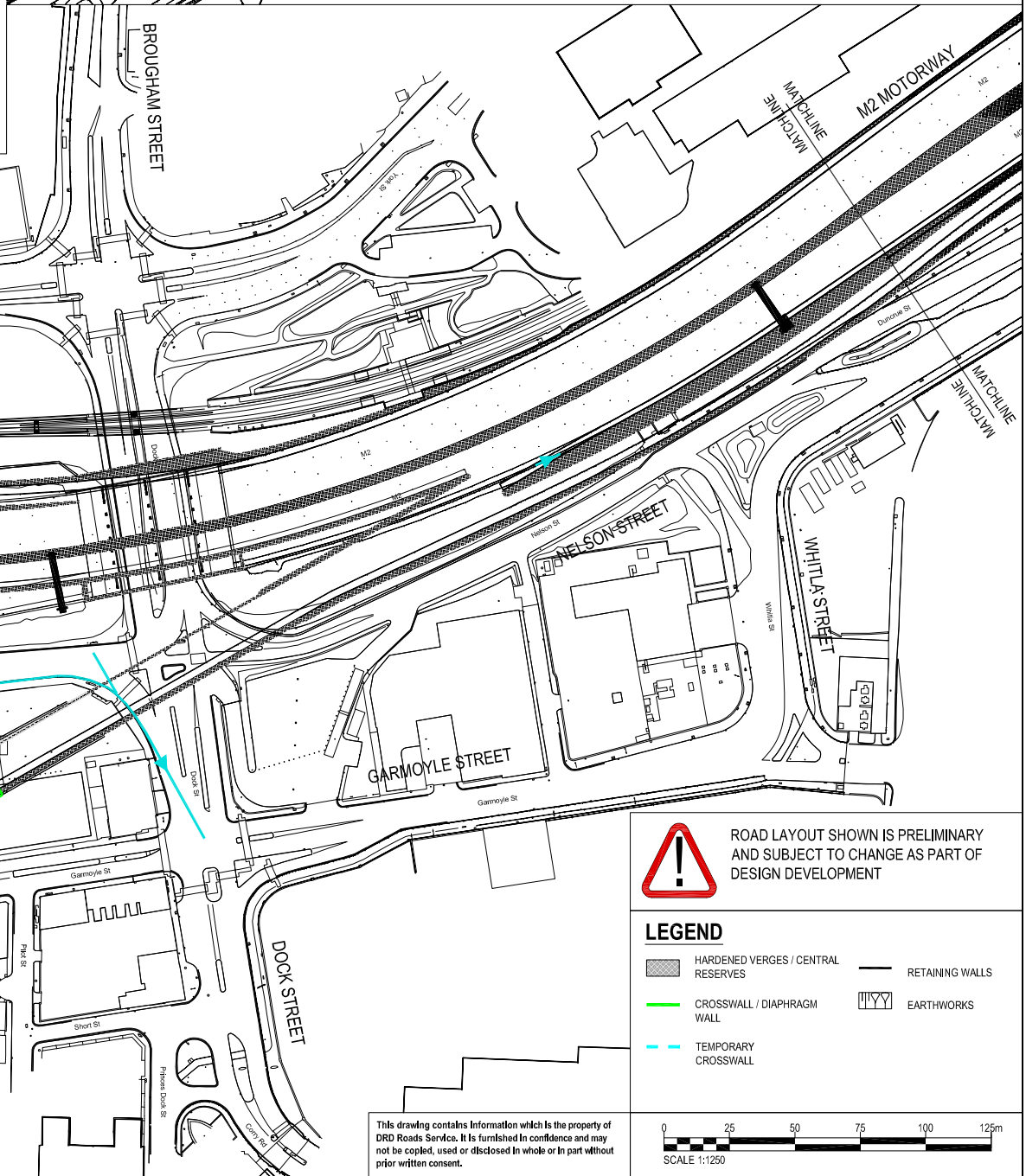
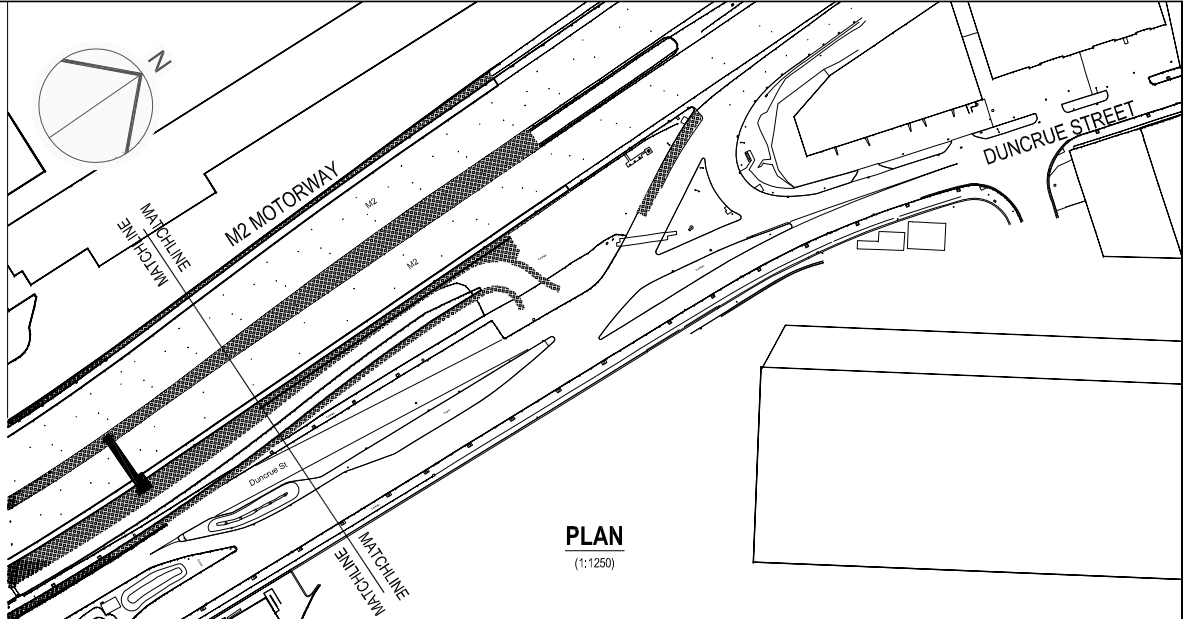
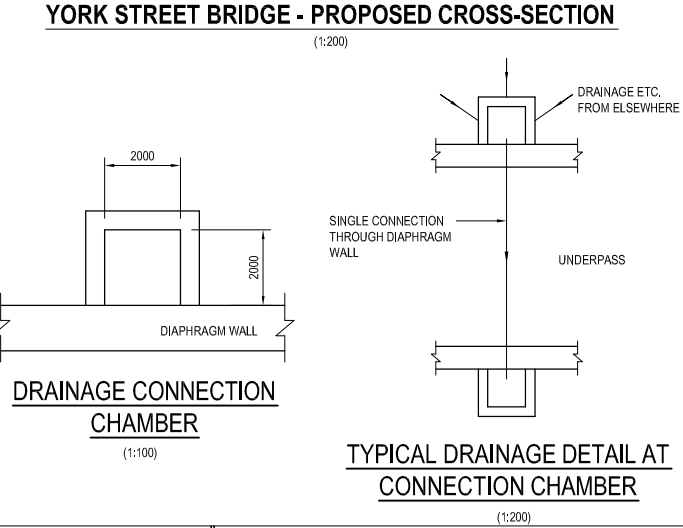
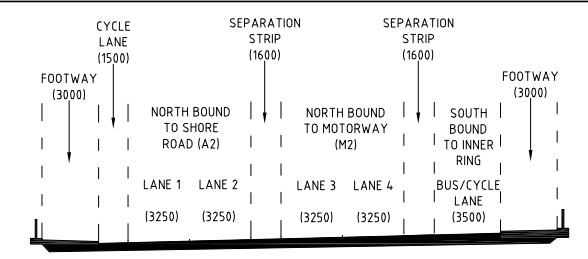
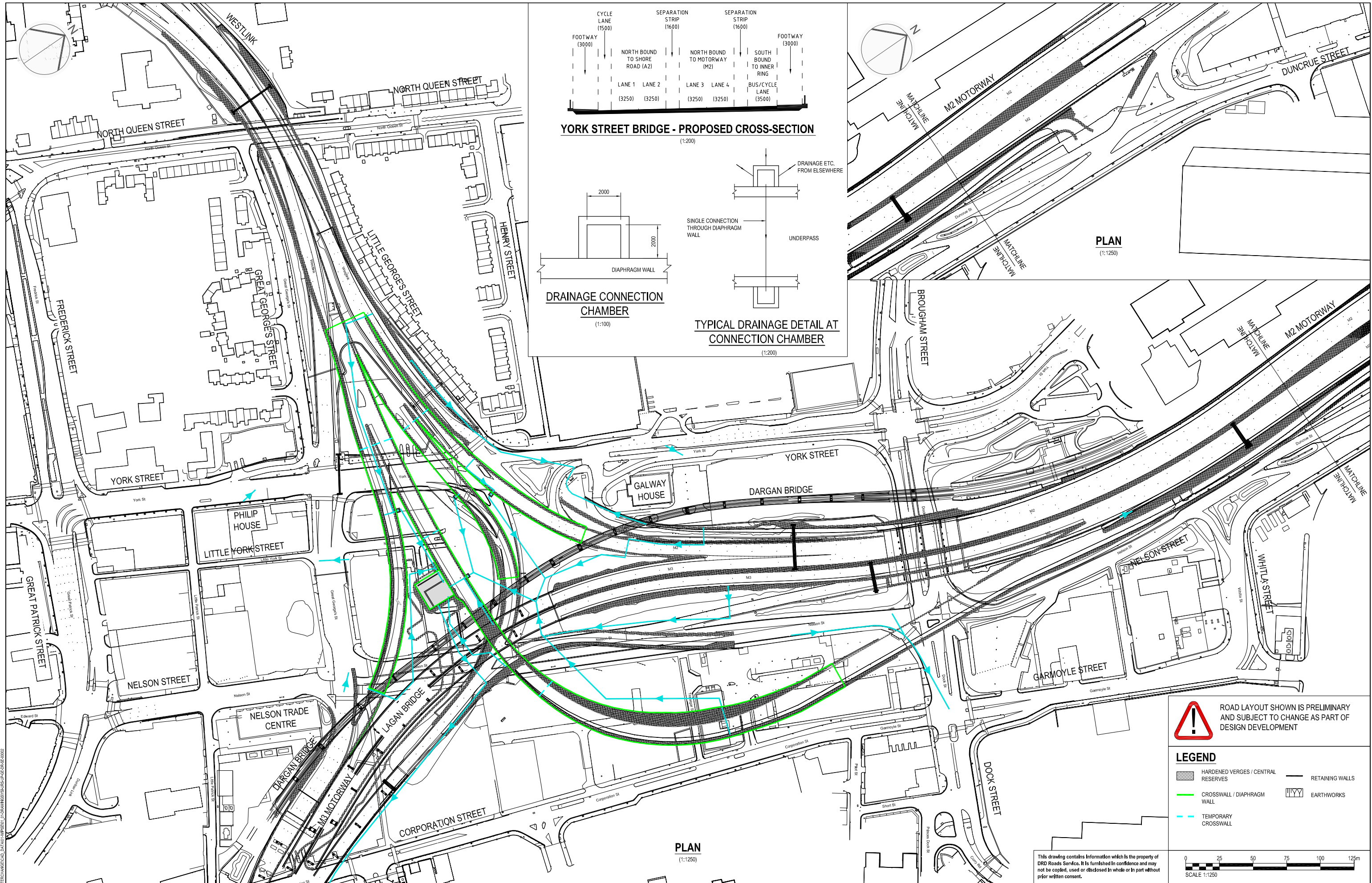
Drawing Title: **UNDERPASS GENERAL DETAILS**

Designed	Drawn	Checked	Approved	Date
GMcF	JMcC	GMcF	GMcF	FEB '14

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

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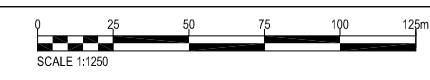
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ROAD LAYOUT SHOWN IS PRELIMINARY AND SUBJECT TO CHANGE AS PART OF DESIGN DEVELOPMENT

LEGEND

	HARDENED VERGES / CENTRAL RESERVES		RETAINING WALLS
	CROSSWALL / DIAPHRAGM WALL		EARTHWORKS
	TEMPORARY CROSSWALL		



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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

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Purpose of Issue: **PRELIMINARY**

Client: Transport NI	Project Title: York Street Interchange	Drawing Title: LOCATION OF DIAPHRAGM WALLS (INCLUDING TEMPORARY CROSS WALLS)	Designed: GMcF	Drawn: DSH	Checked: GMcF	Approved: GMcF	Date: 21/07/14	URS Infrastructure & Environment UK Limited Beech Hill House Beech Hill Road, Ballyvaughan B87 7RP Tel: +44 (0)28 9070 5111 Fax: +44 (0)28 9079 9551 www.urs.co.uk
Revision Details:	By:	Check:	Date:	Scale @ A1: 1:1250	Zone / Mlange: N/A	<p>THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF URS APPOINTMENT BY ITS CLIENT. URS ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING URS EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.</p>		<p>Drawing Number: YSI-URS-UP-GE-DR-SE-00002</p>

File Name: J:\03\2012\25-FYORK STREET INTERCHANGE\DATA\H-IMP\SEU_L\DR\MAIN\URS-UP-GE-DR-SE-00002
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