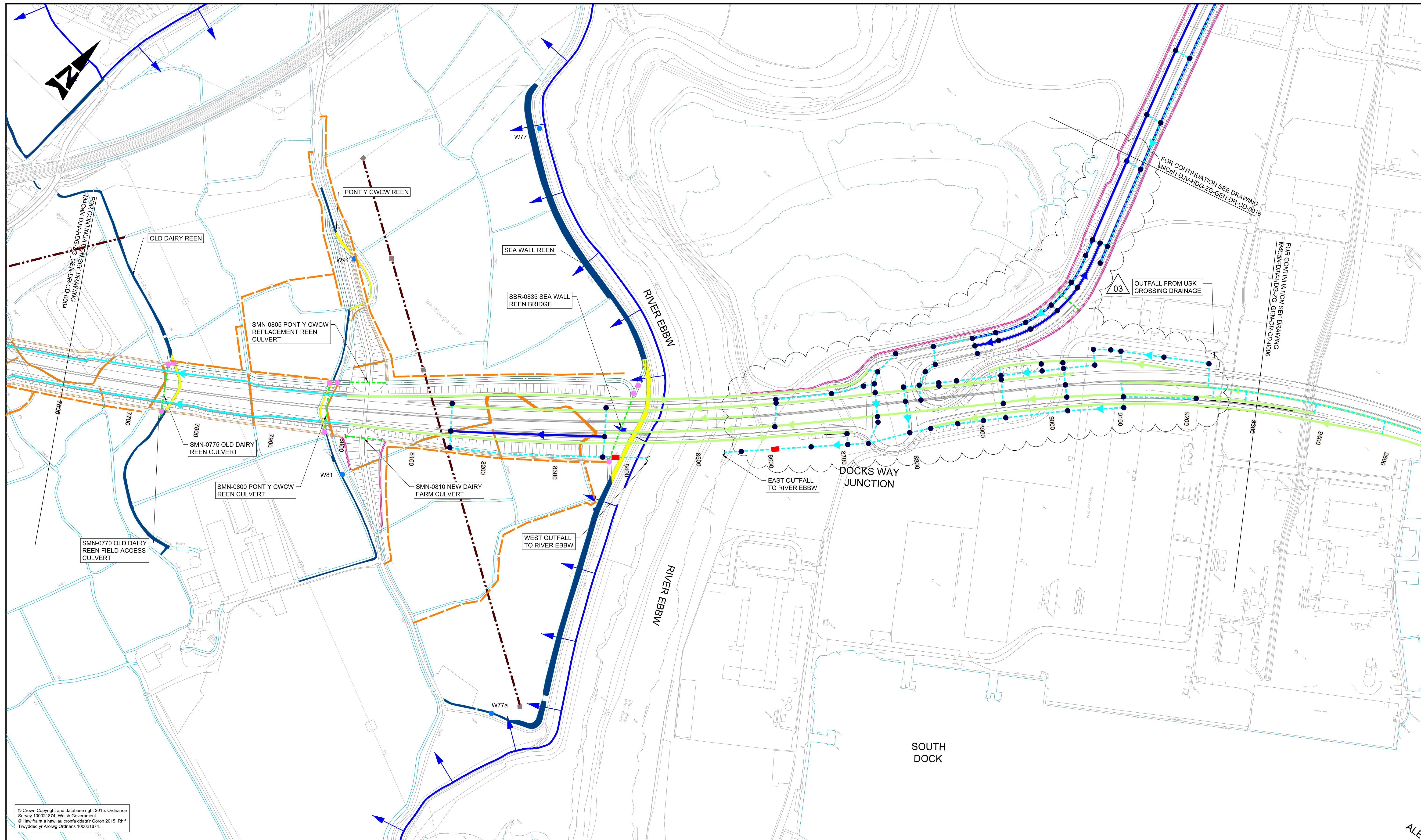


DO NOT SCALE

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Millimetres



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GENERAL NOTES:

- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.

LEGEND:

- CATCHPIT - HCD F11 / MANHOLE - HCD F4, F5, F6 & F7
- INTAKE CHAMBER - HCD F22 & F24
- PETROL INTERCEPTOR
- CONCRETE HEADWALL
- GRASSED CHANNEL IN BOX CULVERT
- CARRIER PIPE - HCD F1
- CONCRETE CHANNEL - HCD F21 & B3 & B7 & B12
- CONCRETE CHANNEL - HCD F21 & B3 & B7 & B12 WITH CARRIER PIPE - HCD F1 BELOW
- GRASSED CHANNEL
- COMBINED KERB DRAINAGE
- REPLACEMENT REEN
- REPLACEMENT FIELD DITCH
- HIGHWAY CUT OFF DITCH
- FILTER DRAIN - HCD F2
- EXISTING REEN
- EXISTING REEN TO BE FILLED
- EXISTING FIELD DITCH TO BE FILLED
- EXISTING CULVERT TO BE RETAINED
- PROPOSED CULVERT
- COMBINED KERB DRAINAGE WITH CARRIER PIPE - HCD F1 BELOW

KEY PLAN:

- EXISTING NRW SLUICE
- PROPOSED NRW TILTING WEIR/PENSTOCK
- POTENTIAL NRW ACCESS (IN ABEYANCE)
- INDIRECT LOSS FIELD DITCHES
- SITE OF SPECIAL SCIENTIFIC INTEREST BOUNDARY

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).


Construction
No exceptional risks

Maintenance / Cleaning
Culverts partially submerged
Main bridge drainage to outfalls at bridge abutment

Use
No exceptional risks

Decommissioning / Demolition
No exceptional risks

ISSUE	27/01/16	FINAL ISSUE TO WG		AC	DOL	HR
ISSUE 2	26/08/16	SUPPLEMENTARY ISSUE		AC	DOL	HR
ISSUE 3	05/12/16	SUPPLEMENTARY ISSUE		AC	DOL	HR
Rev.	Date	Description		By	Chk'd	App'd

Drawing Status		Suitability		Project Title											
				M4 CORRIDOR AROUND NEWPORT											
Project Team				Drawing Title											
				FIGURE SR2.5 HIGHWAY DRAINAGE AND REEN MITIGATION SHEET 5 OF 16											
Client				Scale		Designed / Drawn		Checked		Approved		Authorised			
				1:2500		AC		DOL		HR		KEN			
 Llywodraeth Cymru Welsh Government				Original Size		Date		Date		Date		Date			
				A1		05/12/2016		05/12/2016		05/12/2016		05/12/2016			
				Drawing Number										Revision	
				Project		Originator		Volume						ISSUE 3	
				M4CaN - DJV - HDG - ZG_GEN - DR - CD - 0005											
				Location		Type		Role		Number					



DO NOT SCALE

Millimetres

100

10

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126

SOUTHERN DISTRIBUTOR ROAD

SMN-0905A MAES-GLAS
PILL CULVERT EXTENSION

000'000+0

000'001+0

000'002+0

000'003+0

000'004+0

000'005+0

000'006+0

000'007+0

000'008+0

000'009+0

FOR CONTINUATION SEE DRAWING
M4CaN-DJV-HDG-ZG-GEN-DR-CD-0005

000'007+0

000'008+0

000'009+0

000'010+0

000'011+0

000'012+0

000'013+0

000'014+0

000'015+0

000'016+0

000'017+0

000'018+0

RIVER USK

EAST WAY ROAD

DOCKS RAILWAY

North Dock

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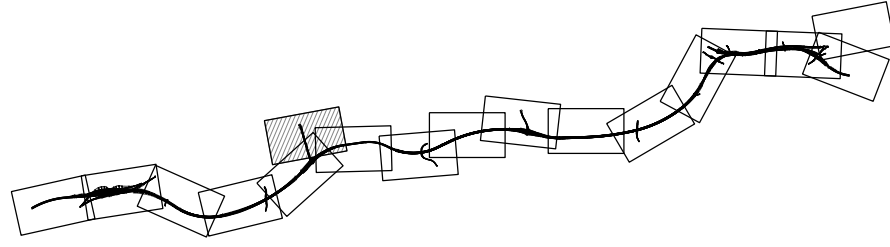
GENERAL NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
3. FIN DRAINS NOT SHOWN FOR CLARITY. TO BE HCD F16 TYPE 7.

LEGEND:

- CATCHPIT - HCD F11 / MANHOLE - HCD F4, F5, F6 & F7
- INTAKE CHAMBER - HCD F22 & F24
- PETROL INTERCEPTOR
- CONCRETE HEADWALL
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KEY PLAN:



- EXISTING NRW SLUICE
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- INDIRECT LOSS FIELD DITCHES
- SITE OF SPECIAL SCIENTIFIC INTEREST BOUNDARY

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction
No exceptional risks

Maintenance / Cleaning
Maes Glas Pill Culvert access

Use
No exceptional risks

Decommissioning / Demolition
No exceptional risks

Drawing Status	Suitability	Project Title
Project Team		
Client		



Llywodraeth Cymru
Welsh Government

M4 CORRIDOR AROUND NEWPORT					
Drawing Title FIGURE SR2.5 HIGHWAY DRAINAGE AND REEN MITIGATION SHEET 16 OF 16					
Scale 1:2500	Designed / Drawn AC	Checked DOL	Approved HR	Authorised KEN	
Original Size A1	Date 05/12/2016	Date 05/12/2016	Date 05/12/2016	Date 05/12/2016	
Drawing Number Project	Originator M4CaN - DJV - HDG - ZG_GEN - DR - CD - 0016	Volume	Revision ISSUE 3		