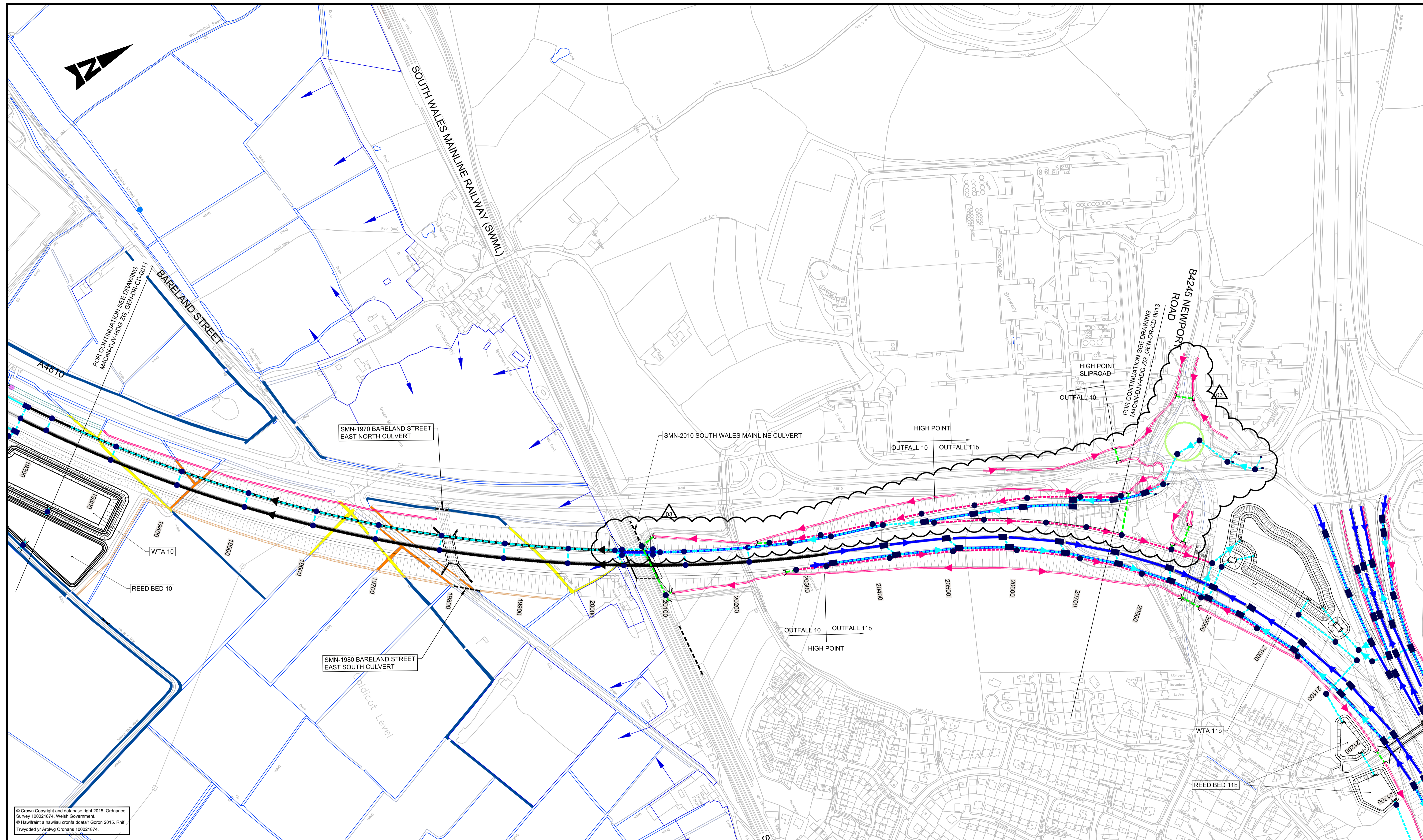


DO NOT SCALE

Millimetres



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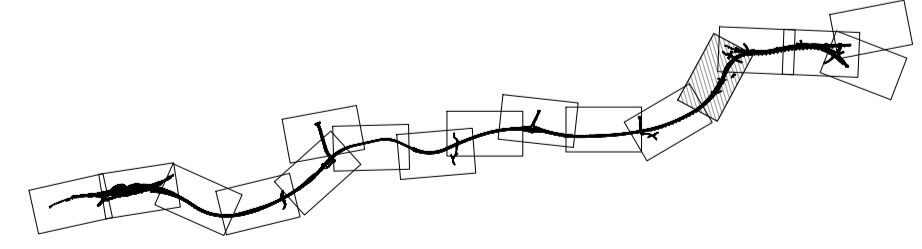
GENERAL NOTES:

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 F18 TYPE 7.
4. WTA 11a REMOVED.

LEGEND:

	CATCHPIT - HCD F11 / MANHOLE - HCD F4, F5, F6 & F7		REPLACEMENT REEN
	INTAKE CHAMBER - HCD F22 & F24		REPLACEMENT FIELD DITCH
	PETROL INTERCEPTOR		HIGHWAY CUT OFF DITCH
	CONCRETE HEADWALL		FILTER DRAIN - HCD F2
	GRASS LINED DITCH IN BOX CULVERT		EXISTING REEN
	CARRIER PIPE - HCD F1		EXISTING REEN TO BE FILLED
	CONCRETE CHANNEL - HCD F21 & B3 & B7 & B12		EXISTING FIELD DITCH TO BE FILLED
	CONCRETE CHANNEL - HCD F21 & B3 & B7 & B12 WITH CARRIER PIPE - HCD F1 BELOW		EXISTING CULVERT TO BE RETAINED
	GRASS LINED CHANNEL		PROPOSED CULVERT
	COMBINED KERB DRAINAGE		COMBINED KERB DRAINAGE WITH CARRIER PIPE - HCD F1 BELOW
	EXISTING NRW SLUICE		POTENTIAL NRW ACCESS (IN ABEYANCE)
	PROPOSED NRW TILTING WEIR / PENSTOCK		INDIRECT LOSS FIELD DITCHES
	SITE OF SPECIAL SCIENTIFIC INTEREST BOUNDARY		

KEY PLAN



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).

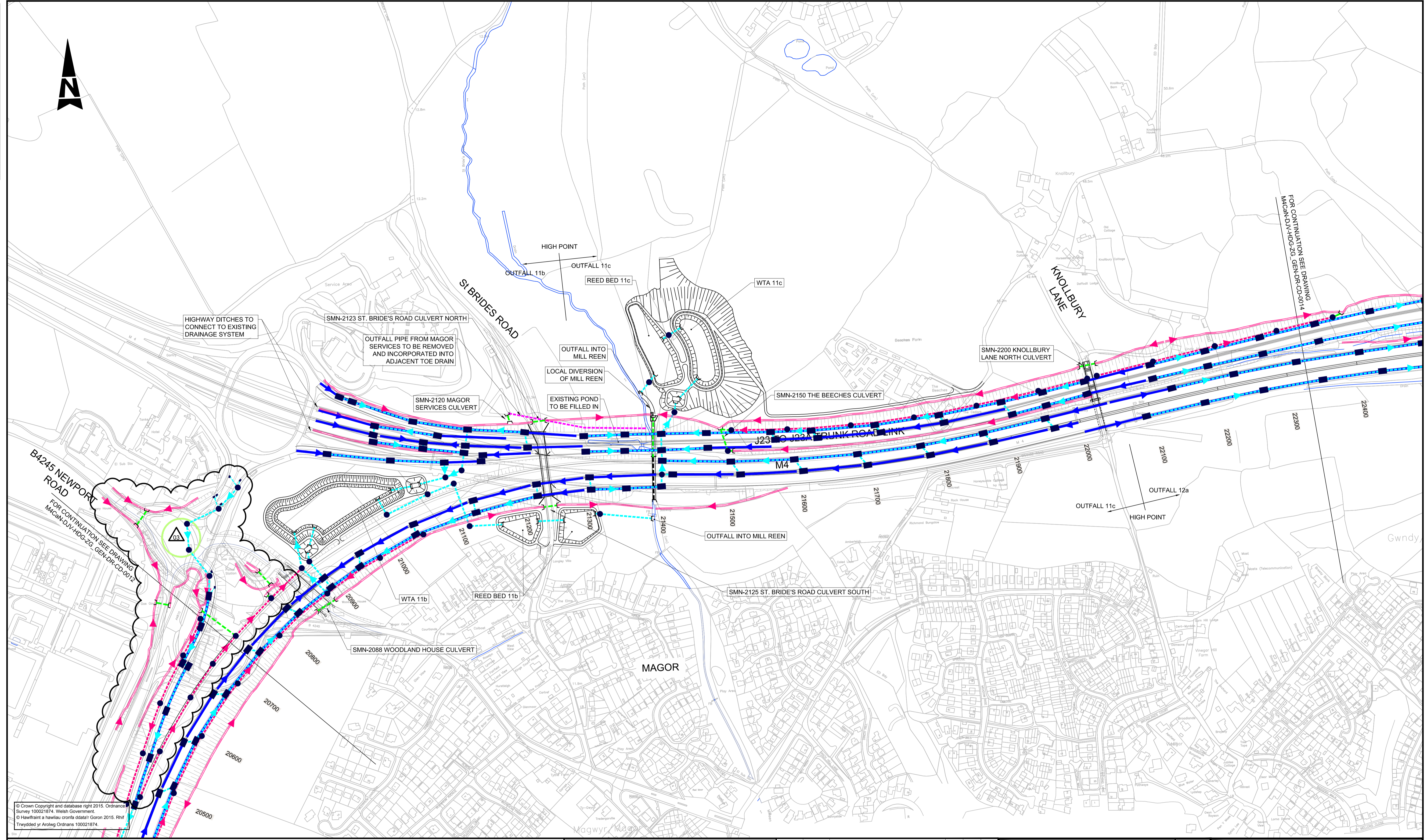
Construction	No exceptional risks
Maintenance / Cleaning	No exceptional risks
Use	No exceptional risks
Decommissioning / Demolition	No exceptional risks

Rev.	Date	Description	By	Chkd	App'd
ISSUE 1	27/01/16	FINAL ISSUE TO WG	DJW	TJD	HR
ISSUE 2	28/08/16	SUPPLEMENTARY ISSUE	DJW	WBO	HR
ISSUE 3	16/03/17	SUPPLEMENTARY ISSUE	DJW	HR	GD

Drawing Status	Subsidiary	Project Title	M4 CORRIDOR AROUND NEWPORT				
Project Team	Drawing Title		FIGURE TSR2.5 HIGHWAY DRAINAGE AND REEN MITIGATION SHEET 12 OF 16				
Client	Scale	Designed / Drawn	Checked	Approved	Authorised		
	1:2500	DJW	WB	HR	GD		
	Original Size	Date	Date	Date	Date		
	A1	16/03/17	16/03/17	16/03/17	16/03/17		
Drawing Number	Project	Originator	Volume	Revision			
		M4CaN - DJV - HDG - ZG_GEN - DR - CD - 0012		ISSUE 3			
Location	Type	Role	Number				



DO NOT SCALE
0 10 100
Millimetres



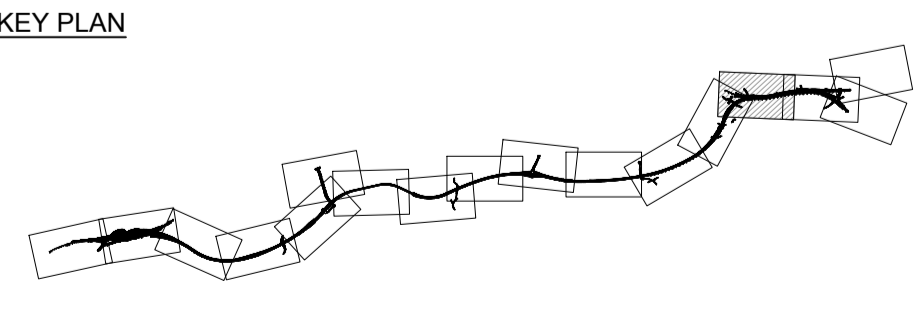
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GENERAL NOTES:

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 F18 TYPE 7.

LEGEND:

CATCHPIT - HCD F11 / MANHOLE - HCD F4, F5, F6 & F7	REPLACEMENT REEN	EXISTING NRW SLUICE
INTAKE CHAMBER - HCD F22 & F24	REPLACEMENT FIELD DITCH	PROPOSED NRW TILTING WEIR / PENSTOCK
PETROL INTERCEPTOR	HIGHWAY CUT OFF DITCH	POTENTIAL NRW ACCESS (IN ABEYANCE)
CONCRETE HEADWALL	FILTER DRAIN - HCD F2	EXISTING CULVERT TO BE RETAINED
GRASS LINED DITCH IN BOX CULVERT	EXISTING REEN	PROPOSED CULVERT
CARRIER PIPE - HCD F1	EXISTING REEN TO BE FILLED	COMBINED KERB DRAINAGE WITH CARRIER PIPE - HCD F1 BELOW
CONCRETE CHANNEL - HCD F21 & B3 & B7 & B12	EXISTING FIELD DITCH TO BE FILLED	SITE OF SPECIAL SCIENTIFIC INTEREST BOUNDARY
CONCRETE CHANNEL - HCD F21 & B3 & B7 & B12 WITH CARRIER PIPE - HCD F1 BELOW	EXISTING CULVERT TO BE RETAINED	
GRASS LINED CHANNEL	PROPOSED CULVERT	
COMBINED KERB DRAINAGE	COMBINED KERB DRAINAGE WITH CARRIER PIPE - HCD F1 BELOW	



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
No exceptional risks

Use
No exceptional risks

Decommissioning / Demolition
No exceptional risks

Rev.	Date	Description	By	CHK'd	App'd
ISSUE 1	27/01/16	FINAL ISSUE TO WG	DJW	TJD	HR
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Drawing Status	Subsidiary	Project Title
Project Team	M4 CORRIDOR AROUND NEWPORT	
Client	 Llywodraeth Cymru Welsh Government	

Drawing Title		M4 CORRIDOR AROUND NEWPORT	
Scale		1:2500	
Original Size	Date	Checked	Approved
A1	16/03/17	WB	HR
Authorised	Date	Authorised	Date
GD	16/03/17	GD	16/03/17
Drawing Number		M4CaN - DJV - HDG - ZG_GEN - DR - CD - 0013	
Project		ISSUE 3	