

Welsh Government

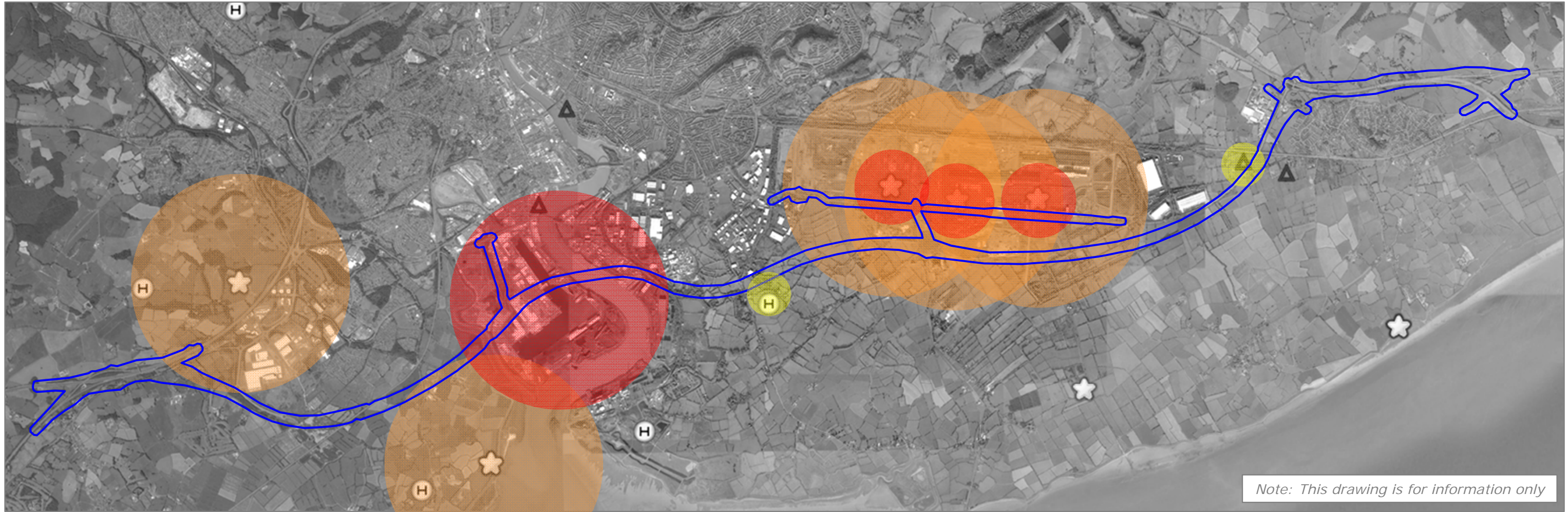
**M4 Corridor around Newport**

Environmental Statement Volume 3:  
Appendix 11.4

UXO Risk Mitigation Map

M4CaN-DJV-EGT-ZG\_GEN-AX-EN-0002

At Issue | March 2016



Recommended Risk Mitigation Measures

All Risk Zones - Prior to All Works

Explosive Ordnance Safety and Awareness Briefings to all personnel conducting intrusive works.

The Provision of Unexploded Ordnance Site Safety Instructions.

Low-Medium, Medium and Medium-High Risk Zone only – Shallow Intrusive Works

Non-Intrusive Magnetometer Survey and target investigation ahead of any intrusive works – where appropriate.

Explosive Ordnance Disposal (EOD) Engineer Presence on site to supervise all open excavations.


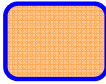
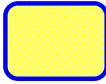
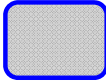

Low-Medium, Medium and Medium-High Risk Zone only – Deep Intrusive Works (on-land)

Intrusive Magnetometer Survey of any pile/borehole locations and Target Investigation, if necessary.

Investigation of Suspect Anomalies, if required.

Medium-High Risk Zone only – Deep Intrusive Works (River Usk / dock basin – if required)

Jack up Barge Intrusive Magnetometer Survey of any pile/borehole locations and Target Investigation, if necessary. Investigation of Suspect Anomalies, if required.

- **Medium-High Risk Zone**  
1.5km radius centred on the docks and 500m radii centred on the bombing decoy sites
- **Medium Risk Zone**  
1.5km radii centred on the bombing decoy sites
- **Low-Medium Risk Zone**  
300m radii centred on the Heavy Anti-Aircraft Battery and the pillbox
- **Low Risk Zone**  
The remainder of the site, occupied by historically unused, undeveloped agricultural land
- **Route Corridor**

*Note that the **Low-Medium Risk Zone** is centred around the Pyr Corner HAA Battery facility as a whole (1945 aerial photograph), not just the gun emplacements, as depicted by the 'H' symbol above*

Report Reference:  5750 TA	Client:	Hyder Consulting (UK) Limited
	Project:	M4 Corridor Around Newport
Source: BACTEC International Limited		