



**Phoenix Wharf, Port
Talbot (Project Dragon)**

**Written Scheme of
Investigation for an
Archaeology and
Heritage Assessment**

Prepared by:
**The Environmental Dimension
Partnership Ltd**

On behalf of:
Turley Associates

September 2022

Report Reference
edp7470_r001a

Document Control

DOCUMENT INFORMATION

Client	Turley Associates
Report Title	Written Scheme of Investigation for an Archaeology and Heritage Assessment
Document Reference	edp7470_r001a

VERSION INFORMATION

	Author	Formatted	Peer Review	Proofed by / Date
001_DRAFT	EBr	FMi	RSk	-
001a	EBr	-	-	CLa 220922

DISCLAIMER TEXT

No part of this report may be copied or reproduced by any means without prior written permission from The Environmental Dimension Partnership Ltd. If you have received this report in error, please destroy all copies in your possession or control and notify The Environmental Dimension Partnership Ltd.

This report (including any enclosures and attachments) has been prepared for the exclusive use and benefit of the commissioning party and solely for the purpose for which it is provided. No other party may use, make use of or rely on the contents of the report.

We do not accept any liability if this report is used for an alternative purpose from which it is intended, nor to any third party in respect of this report.

Opinions and information provided in the report are those of The Environmental Dimension Partnership Ltd using due skill, care and diligence in the preparation of the same and no explicit warranty is provided to their accuracy. It should be noted, and it is expressly stated that no independent verification of any of the documents or information supplied to The Environmental Dimension Partnership Ltd has been made.

Contents

Section 1	Introduction	4
Section 2	Methodology.....	6
Section 3	Report Content.....	7
Section 4	References	9

APPENDICES

Appendix EDP 1	Site Location Plan (ABP Property, February 2022)	10
----------------	--	----

Section 1

Introduction

- 1.1 This Written Scheme of Investigation (WSI) has been prepared by The Environmental Dimension Partnership Ltd (EDP) for review and consideration by the Glamorgan Gwent Archaeological Trust (GGAT), the archaeological advisors to the Neath Port Talbot District Council in its role as the Local Planning Authority (LPA).
- 1.2 The WSI is concerned with the proposed development of Phoenix Wharf, Port Talbot (Project Dragon) (hereafter known as 'the site').
- 1.3 Its aim is to set out the scope and methodology to be employed in the preparation of an Archaeological and Heritage Assessment report (AHA) for the site, which will support a planning application for residential development.
- 1.4 In this respect, the proposed AHA will assess: (1) the likely impact of the proposal upon the conservation of archaeological features, deposits and/or remains; whether known or hitherto unrecorded; and (2) the likely impact of the proposals on the significance of any designated or non-designated historic assets in the site's wider surroundings. Insofar as it is relevant, appropriate mitigation or compensation measures will be put forward in the assessment to either avoid or minimise adverse impacts on archaeological remains and other historic assets.
- 1.5 The assessment will address the relevant policies contained within Planning Policy Wales Edition Eleven, published in February 2021 (PPW 2021) and local policies within the Neath Port Talbot District Council Local Development Plan (LDP) 2011-2026 (adopted January 2016) as appropriate.
- 1.6 The report will also take into account the additional guidance for archaeological assessment in Wales which is set out in Technical Advice Note 24: The Historic Environment (Welsh Government 2017), as well as best practice guidance from Cadw set out in Heritage Impact Assessment in Wales (Cadw 2017).

SITE DESCRIPTION

- 1.7 The site is centred on National Grid Reference (NGR) 276434, 188637; its location and layout are shown on **Appendix EDP 1**.
- 1.8 The site measures c.9.24 hectares (ha) in area, and is largely covered by scrub and woodland, with occasional clearings and an area of hard standing in its centre, where a former factory stood on the site.
- 1.9 The site is located on the southern edge of the settlement of Port Talbot; it is bounded to the north by Port Talbot Docks, and the main urban area of Port Talbot beyond this. In all other directions it is bounded by similar disused scrub land as well as industrial buildings; these are predominantly the buildings forming the Tata Steel Works to the south of the site,

although also includes the buildings of Hanson Cement and Davies Crane Hire to the north-west and east respectively.

- 1.10 The British Geological Survey (BGS) records the underlying bedrock geology at the site as South Wales Middle Coal Measures Formation, a mudstone, siltstone and sandstone sedimentary bedrock formed approximately 310 to 318 million years ago in the Carboniferous Period. This geology indicates that the local environment was previously dominated by swamps, estuaries and deltas.
- 1.11 A superficial deposit of Tidal Flat Deposits, comprising clay, silt and sand, formed up to two million years ago in the Quaternary Period is also recorded across the site.
- 1.12 Topographically, the site is largely flat, however there is a very gradual slope downwards to the northern edge and the Docks. The highest point located c.11m above Ordnance Datum (aOD) and the lowest point located at c.8m aOD.

Section 2

Methodology

- 2.1 The report will be produced in accordance with the Standard and Guidance for Historic Environment Desk-based Assessment issued by the Chartered Institute for Archaeologists (CIfA, 2020). These guidelines provide a national standard for the completion of desk-based assessments.
- 2.2 The report's preparation will involve the consultation of publicly available archaeological and historic information gathered from relevant documentary, cartographic and aerial photographic sources. The study area to be adopted will be a 1km buffer around the site boundary. The following sources are each expected to be consulted and reviewed:
- Known archaeological sites, monuments and findspots from the GGAT Historic Environment Record (HER);
 - Cadw's Historic Environment Service for information on designated historic assets;
 - Data held by the National Monuments Records for Wales online service Coflein;
 - Historic maps held by the West Glamorgan Archive Service and from online sources;
 - Aerial photographs which are held by the Central Register of Aerial Photography for Wales (CRAPW) at Cardiff;
 - Environment Agency LiDAR datasets; and
 - Relevant books, articles and previous assessment reports on the site.
- 2.3 The site has been subject to one site visit/walkover survey to date, but additional visits are anticipated, nevertheless.
- 2.4 The site visits/walkovers aim to consider the presence, nature and significance of any known and/or potential archaeological assets within the site, as well as to identify visible historic features and to identify and assess possible factors which may affect the survival or condition of below ground archaeological remains.
- 2.5 The resulting report will therefore conclude with an assessment of the site's likely archaeological interest or potential, made with regard to current best practice guidelines, in order to understand the likely impact of development on the archaeological resource, whether directly or indirectly.

Section 3

Report Content

3.1 The report structure will differ dependent on the findings of the research, the needs of the project and the stage within the planning process. The report will however, as a minimum, contain the following sections:

- Non-technical summary, including a translation of the summary into Welsh;
- Introduction;
- Context of project;
- Site location and description;
- Geological and topographical description;
- Aims and purpose of the assessment;
- Methodology;
- Review of current legislation and planning policy;
- Baseline archaeological and heritage information presented as a period based archaeological and historical background, consisting of:
 - Designated heritage assets;
 - Non-designated heritage assets;
 - Historic map regression;
 - A review of LiDAR data;
 - Aerial photographic evidence; and
 - Site walkover results.
- Identification and assessment of the potential for archaeological remains within the site considering previous/known impacts, including consideration of the significance of any remains which are known or expected to be present within the boundary;
- Conclusions;
- Supporting illustrations; and
- References.

- 3.2 The report will be submitted to GGAT for approval. Following approval, it will be submitted to the GGAT HER, with a digital copy submitted to the National Monuments Record (RCAHMW) in accordance with the RCAHMW Guidelines for Digital Archives (RCAHMW, 2015).
- 3.3 With respect to archiving, as well as the relevant ClfA guidance, the National Standard and Guidance to Best Practice for Collecting and Depositing Archaeological Archives in Wales will be followed (National Panel for Archaeological Archives in Wales, 2017).
- 3.4 The assessment will conform with the requirements of the Guidance for the Submission of Data to the Welsh HERs (Welsh Archaeological Trusts and Cadw, 2018). As such, should new data be generated, this will be provided to the HER in accordance with this guidance.

Section 4

References

Cadw 2011 *Conservation Principles, Policies and Guidance for the Sustainable management of the Historic Environment in Wales*.

Cadw 2017, *Heritage Impact Assessment in Wales*.

Chartered Institute for Archaeologists (CIfA), 2020, *Standard and Guidance for Historic Environment Desk-based Assessment*.

National Panel for Archaeological Archives in Wales, 2017, *National Standard and Guidance to Best Practice for Collecting and Depositing Archaeological Archives in Wales*.

RCAHMW 2015, *RCAHMW Guidelines for Digital Archives*

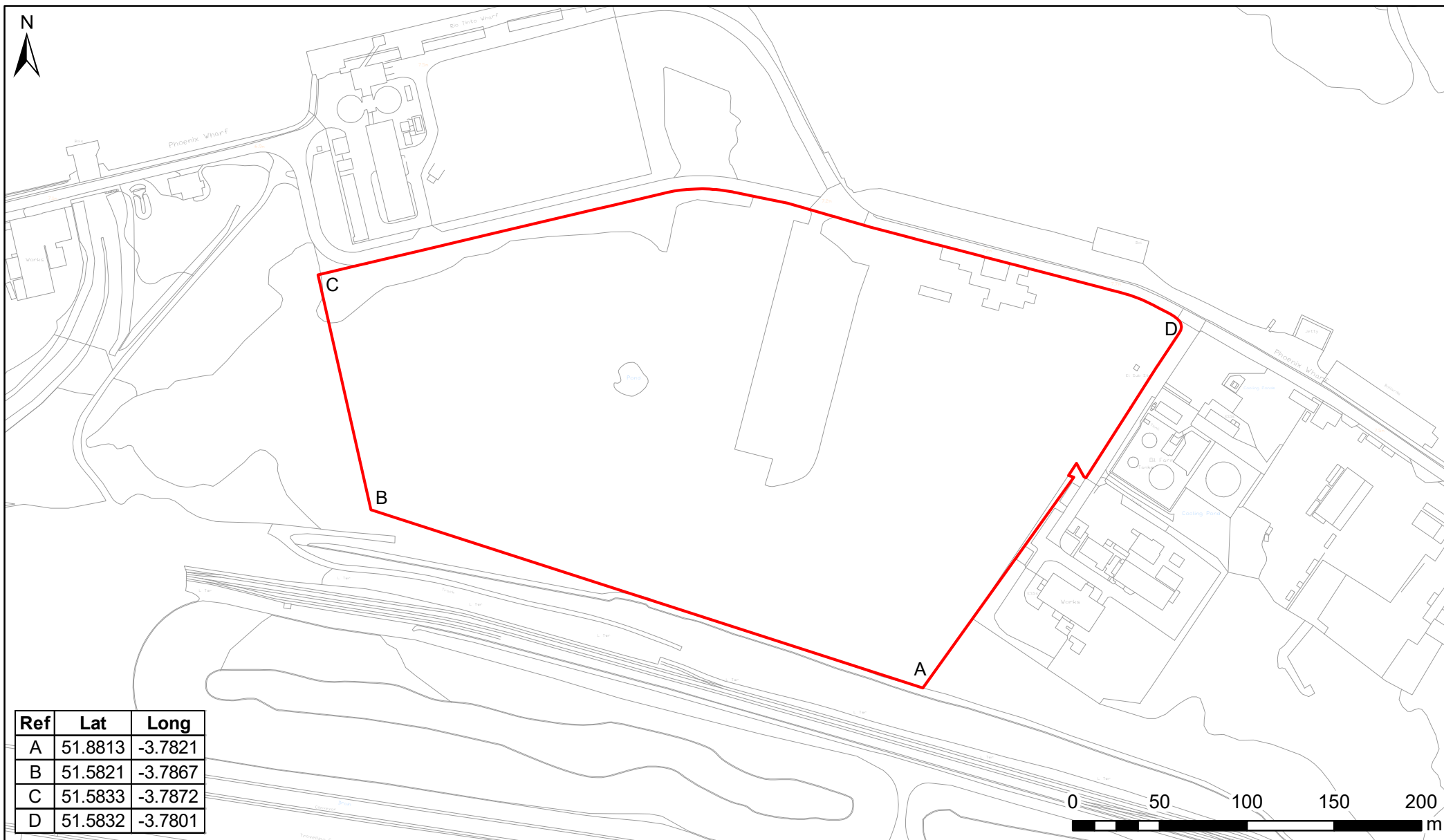
Neath Port Talbot District Council, 2016, *Local Development Plan (LDP) 2011-2026*

Welsh Archaeological Trusts and Cadw, 2018, *Guidance for the Submission of Data to the Welsh Historic Environment Records (HERs)*.

Welsh Government, 2017, *Technical Advice Note 24 (TAN 24) The Historic Environment*.

Welsh Government, 2021 *Planning Policy Wales Edition Eleven*.

Appendix EDP 1
Site Location Plan
(ABP Property, February 2022)



© Crown copyright and database
rights 2022 Ordnance Survey
0100031673



Phoenix Wharf - Port Talbot

Date	Scale (@ A4)
01/02/2022	1:3,000

By AJB	Drawing No. PT_Phoenix Wharf
---------------	------------------------------------



CARDIFF
02921 671900

CHELTENHAM
01242 903110

CIRENCESTER
01285 740427

info@edp-uk.co.uk
www.edp-uk.co.uk

The Environmental Dimension Partnership Ltd. Registered as a Limited Company in England and Wales. Company No. 09102431. Registered Office: Tithe Barn, Barnsley Park Estate, Barnsley, Cirencester, Gloucestershire GL7 5EG



**URBAN
DESIGN
GROUP** REGISTERED PRACTICE

IEMA Transforming the world to sustainability

**Landscape
Institute**
Registered practice