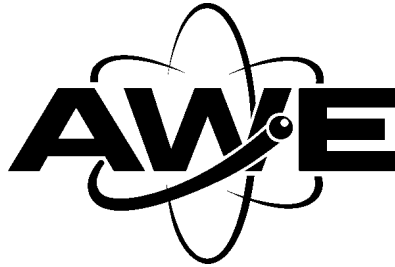


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Reference No: MER-110-016577	Department of Major Projects Project Hydrus	Issue No: Issue 2
	Schedule of Redundant Buildings	Issue Date: 07/06/10



**Project Hydrus
Schedule of Redundant Buildings**

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Document Approval

	Name	Title	Signature	Date
Originator	Jill Garner	Hydrus Environment Manager		07/06/10
Checked and Approved	Andy Westlake	Hydrus Senior Project Manager		7/06/10
Agreed	Roger Gosden	Site Demolition Group		08/06/20
Endorsed	John Steele	Sites Planning Manager		8/06/10
Authorised	Jon Fowler	Head of Hydrodynamics		8/6/10

Document Issue Record

Issue	Description Of Amendment	Date	Originator	Checked	Endorsed	Authorised
1	Final Issue	26/2/2010	NP	AW	JS	JF
2	Changes to floor areas of proposed Hydrus buildings	07/06/2010	JG	AW	JS	JF

Previous issues of this document are to be destroyed or marked **Superseded**

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Introduction

The Proposed Development will provide a replacement hydrodynamics research and development facility operations building with lightning protection system (LPS), a support building, an associated electrical sub-station, and associated landscaped areas, Sustainable Drainage System (SuDS) and other external works and construction related facilities. The Proposed Development is required to provide suitable workspace in a secure environment for the workforce that is necessary to service the continuing work of AWE.

The Proposed Development is designed to modern safety case standards and will replace extant facilities at AWE Aldermaston. The scheme allows rationalisation of the space currently used by existing operations, creating an opportunity to improve working conditions for employees and the overall environmental performance.

Redundant Buildings Discussion

The following document provides indication of the buildings and functions that will be rationalised following development of the Hydrus Facility. The reference date for the completion of Hydrus project is 2022, at which point the facility will be capable of replicating current hydrodynamics operations and will receive an Authority To Operate (ATO).

This will then permit existing buildings to enter into their Post Operation Clean Out (POCO) phase before being handed over for Decommissioning and Demolition, in line with the AWE Site Rationalisation plan.

Indication of the size of the various Hydrus buildings is included within Table 1. Table 2 shows an indication of the sizes of redundant buildings and their respective dates for phased demolition. Figure 1 shows the location of the redundant buildings on the AWE site.

The tables show that the proposed Hydrus buildings will generate less space than the buildings and functions that it replaces.

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	Schedule of Redundant Buildings	Issue Date: 07/06/10

Table 1 Hydrus Building Sizes

Hydrus Project Gross floor areas	m ²
Operations Building	
Ground	9,621
Mezzanine	1,755
First	2,800
Total	14,176
Support Building	
Ground	2,226
Mezzanine	289
Total	2,515
Electrical Sub Station	
Ground	216
Total	216
Project Total	16,907

Table 2:- Redundant Building Sizes

Building	Area	Demolition Phase	Phase Commence	Phase Complete
A +B	11450	2	01/2023	01/2026
C	55	2	07/2024	03/2026
D	10	2	07/2024	03/2026
E	9	3	01/2023	01/2026
F	392	3	01/2023	01/2026
G	26	3	01/2023	01/2026
H	27	3	01/2023	01/2026
I	702	3	07/2024	03/2026
J	2591	3	07/2024	03/2026
K	65	3	07/2024	03/2026

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Building	Area	Demolition Phase	Phase Commence	Phase Complete
L	386	3	07/2024	03/2026
M	286	3	07/2024	03/2026
N,O,P,Q	1070	3	07/2024	03/2026
TOTAL	17,071			

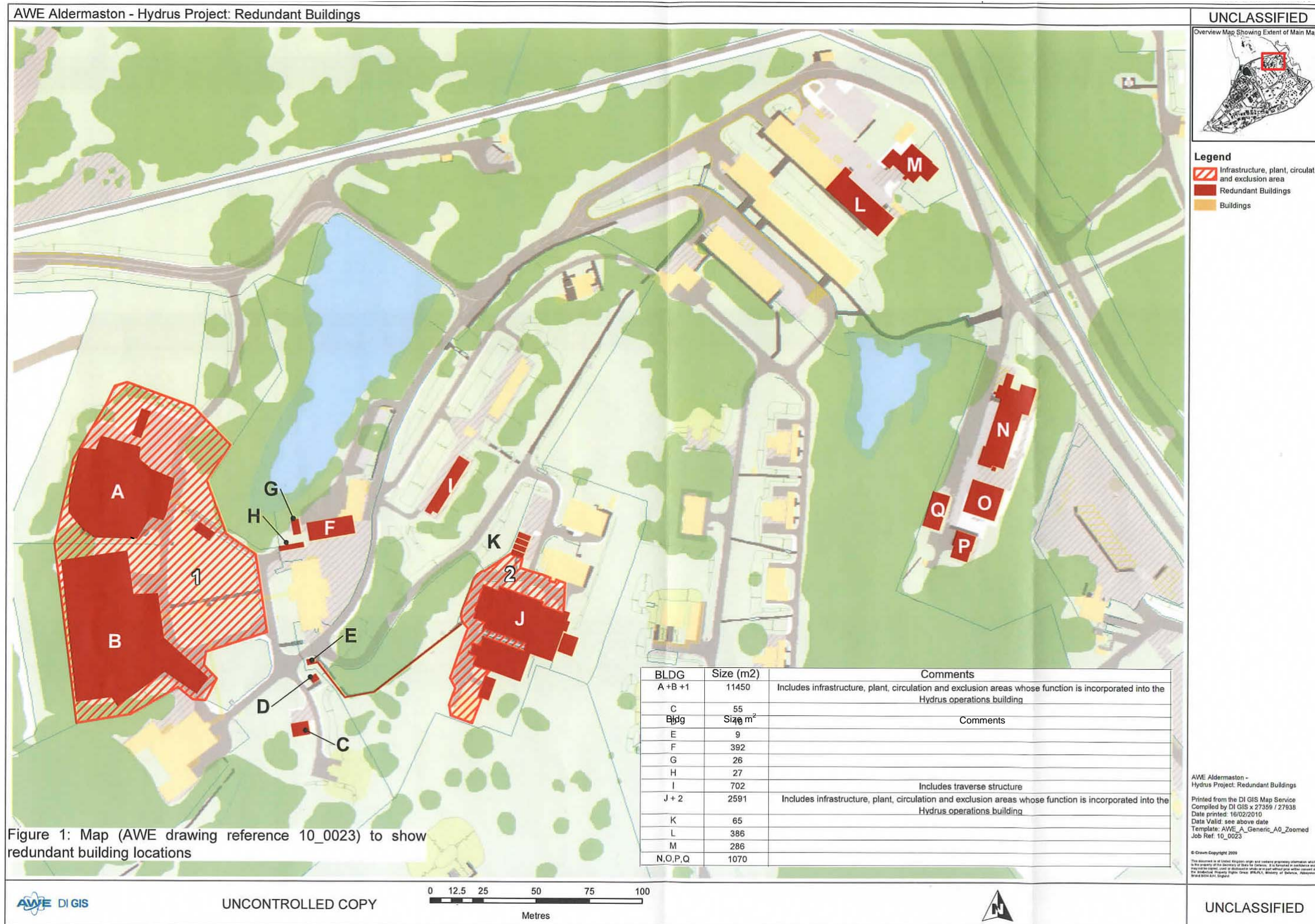


Figure 1 Map (AWE drawing reference 10_0023) to show redundant building locations