

Our ref: BYA/3325/UoR-SoA/MDW/FAF13th May 2022**For the Attention of:****The Planning Department – Reading Borough Council****Re: University of Reading School of Art Project, Pepper Lane, Berkshire RG2 7DN –
Public Services Utility Statement****1.0 Overview**

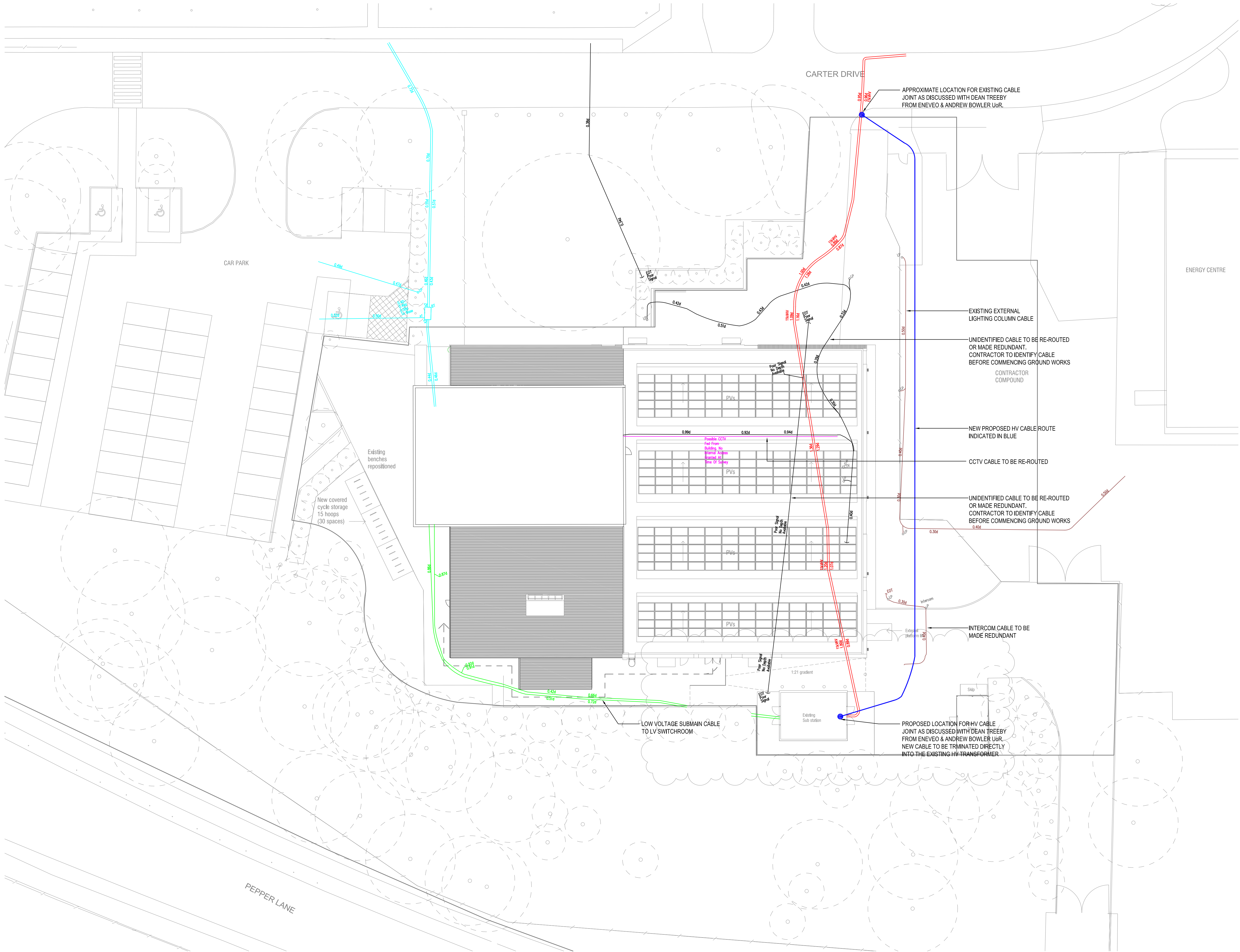
- 1.1 An assessment of the required School of Art redevelopment scheme project services incoming utilities loads (gas, water electricity, district heating, communications, data, and drainage) has been undertaken with the resulting outcome that there is no requirement to contact any external 3rd party, Public Utilities Companies to provide new incoming site supplies or additional capacity to serve the project. Consequently, all existing utility services within the site demise and owned by the University of Reading, serving the existing University of Reading Kitchen Building (Central Production Unit) will be adapted and modified accordingly to meet the needs of the new School of Art Building

2.0 Summary of Building Utility Services Solution

- 2.1 Mains Cold Water Service – Re-route and modify existing underground MCWS on customer side (University of Reading) of existing water meter located within South site boundary opposite Pepper Lane to suit scheme requirements
- 2.2 Natural Gas – No natural gas provided to the existing CPU building or the new School of Art Building (connection to existing district heating network only - DHN)
- 2.3 District Heating Network (DHN) – Existing underground DHN piped distribution is under University of Reading responsibility and is to be extended to the new School of Art Building to provide space heating (radiators + UFH) and domestic hot water service (DHWS) via plant room located plate heat exchangers (P-HEX's)
- 2.4 Electricity – The existing substation and electrical supply serving the new School of Art Building shall be retained and utilised. The high voltage (HV) supply cable serving the substation shall be diverted locally to avoid the new footprint of the building extension. The HV supply cable shall remain within the University of Reading site demise. This forms part of a private network owned and managed by the University of Reading (please refer to attached drawing for details of the proposed HV cable diversion)
- 2.5 Communications & Data – Utilise and modify existing University of Reading on-site Communications and Data Services for new School of Art Building
- 2.6 External Drainage Connections – Please refer to FRA/Drainage Report prepared by Curtins



Information on this drawing will not be shared with a third party without the written authority of the University of Reading -Estates and Facilities



Notes

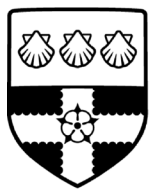
Estates and Facilities
The information shown on this drawing is given without obligation or warranty. The accuracy therefore cannot be guaranteed and it must never be used for calculation or setting out of works.

General Changes
The accuracy of these drawings relies on feedback from the users. If any anomalies are discovered, please immediately inform the CAD Manager. Telephone ext 6807.

- KEY:
- PROPOSED HV CABLE
 - EXISTING HV CABLE
 - LV SUBMAINS CABLE
 - CCTV CABLE
 - LIGHTING CABLE
 - COMMS CABLE
 - UNIDENTIFIED CABLE

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01	FIRST ISSUE	10/05
Rev	Description	Date

 **University of Reading**

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Building	W310
Project	ART SCHOOL
Title	ELECTRICAL SERVICES SITE LAYOUT

Drawn	Date	Scale
J.N	DECEMBER 21	1:200@A1

Project (WREN No-Originator-Volume-Level-Type-Role-Classification-Number)	Suitability-Rev.
W310-1956132-BYA-ZZ-RF-DR-E-7030-18000	00-01