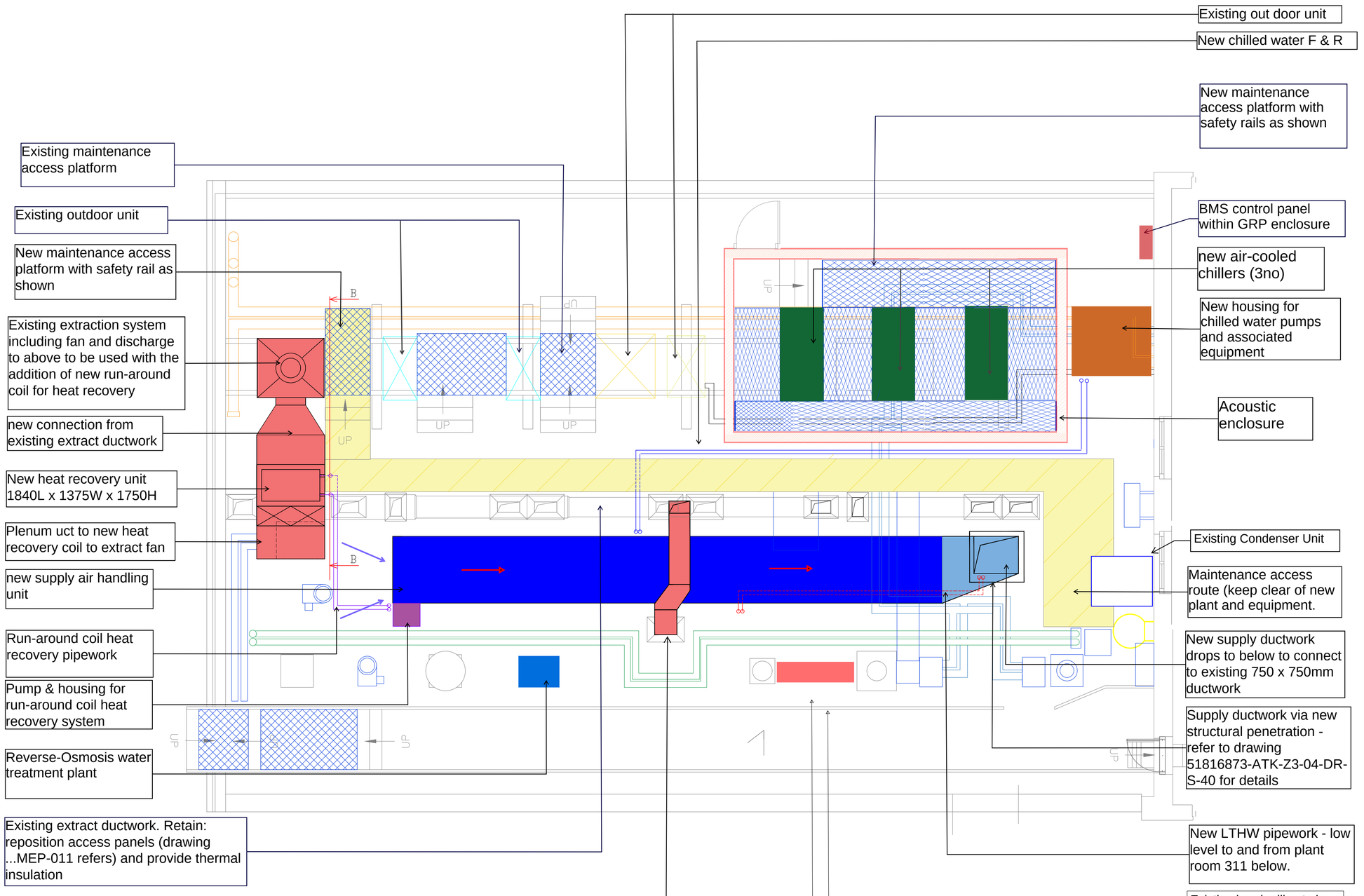
DO NOT SCALE



Existing maintenance access platform

Existing outdoor unit

New maintenance access platform with safety rail as shown

Existing extraction system including fan and discharge to above to be used with the addition of new run-around coil for heat recovery

new connection from existing extract ductwork

New heat recovery unit 1840L x 1375W x 1750H

Plenum uct to new heat recovery coil to extract fan

new supply air handling unit

Run-around coil heat recovery pipework

Pump & housing for run-around coil heat recovery system

Reverse-Osmosis water treatment plant

Existing extract ductwork. Retain: reposition access panels (drawing ...MEP-011 refers) and provide thermal insulation

Existing out door unit

New chilled water F & R

New maintenance access platform with safety rails as shown

BMS control panel within GRP enclosure

new air-cooled chillers (3no)

New housing for chilled water pumps and associated equipment

Acoustic enclosure

Existing Condenser Unit

Maintenance access route (keep clear of new plant and equipment.

New supply ductwork drops to below to connect to existing 750 x 750mm ductwork

Supply ductwork via new structural penetration - refer to drawing 51816873-ATK-Z3-04-DR-S-40 for details

New LTHW pipework - low level to and from plant room 311 below.

Existing hand railing to be modified to allow access to new DB

New DB in GRP enclosure

Existing exhaust duct - modified to cross under AHU drawing ...M13 refers

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:

CONSTRUCTION

WORKING AT HEIGHT & LIVE SERVICES
ASBESTOS CONTAINING MATERIALS ON EXISTING DUCTWORK (LUCIAN ENVIRONMENTAL SURVEY REPORT 20707/18 REFERS)

POTENTIAL ACM IN ROOF

MAINTENANCE/CLEANING

WORKING AT HEIGHT & LIVE SERVICES.

DECOMMISSIONING/DEMOLITION

WORKING AT HEIGHT & LIVE SERVICES.

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.

NOTES

1. DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS TO BE VERIFIED PRIOR TO COMMENCING WORKS
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURE, STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL AND PUBLIC HEALTH DRAWINGS AND ALL RELEVANT DOCUMENTS
3. THIS DRAWING REPRESENTS DESIGN INTENT ONLY. THE CONTRACTOR SHALL DESIGN THE SYSTEMS IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS AND BRITISH STANDARDS
4. PROVIDE THERMAL INSULATION TO EXTRACT DUCT EXPOSED TO ME ELEMENTS.

LOCATION PLAN

Rev.	Date	Description	By	Chk'd	App'd
P1	16/09/2022	FOR PLANNING	RLD	RLD	JR

Drawing Status: FIT FOR PLANNING
Suitability: S2

ATKINS
Member of the SNC-Lavalin Group

Copyright © Atkins Limited (2018) www.atkinsglobal.com

UCL

Project Title: MEDAWAR BUILDING - BSU AHU REPLACEMENT

Drawing Title: PROPOSED ARRANGEMENT L04 - ROOF

Scale	Designed	Drawn	Checked	Authorised
NTS	RLD	RLD	JR	JR
Original Size: A1	Date: 08/07/2022	Date: 08/07/2022	Date: 08/07/2022	Date: 08/07/2022

Drawing Number: 5181673-ATK-Z3-04-DR-MEP-301
Revision: P1

Atkins Project Number: