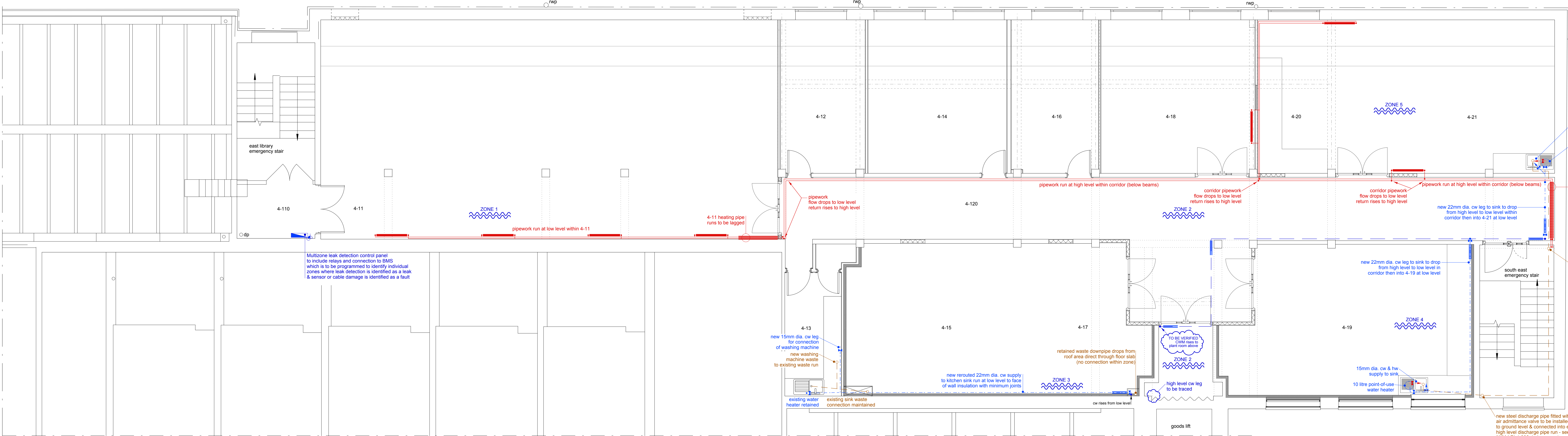
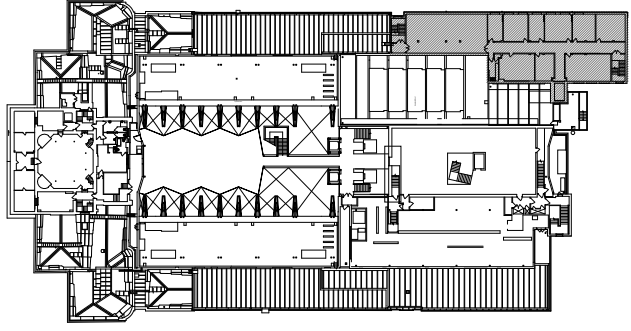


service plan - proposed fire & security



service plan - proposed mechanical - heating - water - waste



This drawing is to be read in conjunction with all other contract documentation.

Existing fire alarm and voice alarm systems to be retained. Addition and/or modifications to the system as indicated will ensure that existing loops are maintained - New detection shall be incorporated into existing loops.

Fire alarm system to be maintained throughout the works. The Contractor shall allow for replacing existing heads and relaying of the system on completion of the works.

Existing pipework to be retained as indicated. Contractor to ensure new connections do not damage existing pipework.

Contractor to undertake full intrusive survey to determine condition and routes of mechanical services prior to commencement of works.

Contractor to ensure all LTHW pipework, radiators and valves are in good working order prior to reinstatement.

Contractor to ensure entire LTHW system is recommissioned once works are complete.

Contractor to ensure no damage is caused to the building fabric during the works. All holes and openings to be made good once works are complete.

Contractor to isolate and drain down systems prior to any stripping out.

Refer to asbestos documentation prior to commencing any works.

All new and existing pipework, where indicated to be insulated in accordance with the specification.

All domestic pipework to be copper unless stated otherwise.

Minimum pipework size to outlets to be 15mm.

All exposed pipework to be insulated and boxed in as identified.

Valves shall be installed to facilitate maintenance and minimise access panels.

Provide ballfloat valves to all final connections.

Allow for expansion valves & anchors for all domestic pipework.

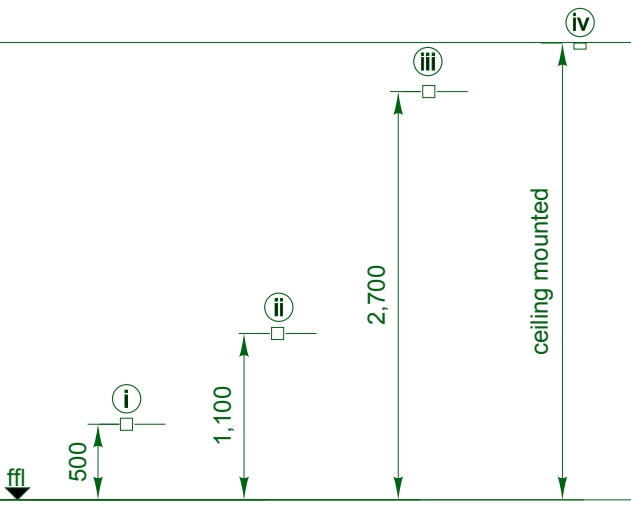
Drain cocks to be provided at all low points.

Where chemicals are being discharged, vulcanised pipework is to be used as indicated on the drawings.

All stub stacks are to have automatic air admittance valves.

Ensure all waste runs exceed an 18mm per metre gradient along its length.

- Legend
- Smoke head
  - Heat head
  - Break glass
  - Input/output interface module
  - CO2 extinguisher
  - PAVA speaker
  - number refers to circuit
  - Access control board
  - Access control power supply
  - Access control reader
  - Electronic lock
  - Access control door release
  - Emergency break glass door release
  - Door contact
  - Access control electromagnet
  - Digital/electronic lock
  - Motion detector
  - CCTV camera
  - Heating flow & return pipework
  - Lagged heating flow & return pipework
  - Radiator
  - Existing cold water supply
  - New cold water legs
  - Lagged cold water supply
  - Leak detection to the underside of all piped water runs & at valve & pipe
  - Number indicates individual zone each zone to be individually alarmed back to BMS
  - Note: service isolation valves not shown on this drawing



- 08.03.2018 inclusion of 1/2 leaf door set to south east emergency stair amendments to access control
- 21.02.2018 additions to leak detection & renumbering of leak detection zones removal of sink dilution recovery traps replaced with standard bottle traps
- 09.02.2018 modification to radiator layout leak detection zones 4 & 7 removed from areas: 4-12, 4-13, 4-14, 4-16, 4-18 repositioning of cable trays relocation of sink in 4-21 & amended drainage route additional annotations

Date

Client

Trustees of the Imperial War Museum  
Lambeth Road London SE1 6HZ

Project

SE Block Level 4 Conversion

Drawing title

Existing Floor & Ceiling Plans  
Fire Systems, Security  
& Mechanical Services (Generally)

Scale 1:50 @ A0 Date 16.01.2018

DO NOT SCALE FROM THIS DRAWING.  
FOR IDENTIFICATION PURPOSES ONLY - NOT FOR CONSTRUCTION.  
ALL DIMENSIONS TO BE CHECKED ON SITE AND USED  
IN PREFERENCE TO THOSE GIVEN OR SCALED FROM  
THIS DRAWING

Drawing N°

Revision letter

A B C

scale: 1:50

0 1 2 3 4 5 6 7 8 9 10 metres