




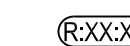




THIS DRAWING IS INDICATIVE AND REPRESENTS ONLY THE DESIGN INTENT, THE CONTRACTOR MUST PRODUCE FULLY CO-ORDINATED WORKING / INSTALLATION DRAWINGS AS REFERRED TO IN THE CONTRACT DOCUMENTATION

HEATING NOTES

- DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS INDICATED ARE IN MILLIMETERS
- DRAWING TO BE READ IN CONJUNCTION WITH SPECIFICATION, DOCUMENTATION, DRAWINGS & ALL RELEVANT BRITISH STANDARD DOCUMENTS
- THE HEATING INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF BS EN 12828:2012, BS EN 12831:2017 AND THE BUILDING REGULATIONS 2010.
- ALL FITTINGS, PIPEWORK, PLANT & EQUIPMENT TO BE INSTALLED, REGULATED & TESTED IN ACCORDANCE WITH THE MANUFACTURERS PRINTED INSTRUCTIONS.
- ALL HIGH POINTS IN SYSTEM TO INCLUDE AUTOMATIC AIR VALVE & ALL LOW POINTS INCLUDE A DRAIN OFF COCK.
- ALL PIPEWORK TO BE ADEQUATELY SUPPORTED THROUGHOUT ITS LENGTH.
- ALL PIPES PASSING THROUGH FIRE STOP BARRIERS TO BE SLEEVED BEYOND THE BARRIER TO A MINIMUM LENGTH OF 300mm WITH BARRIER FIRE STOP MATERIAL.
- ALL FINAL CONNECTIONS TO TOWEL RAILS / RADIATORS TO BE 15mmØ STAINLESS STEEL OR CHROMED COPPER UNLESS OTHERWISE STATED.
- ALL PIPEWORK WITHIN NON ACCESSIBLE CEILINGS & WITHIN FLOOR TRENCHES TO BE FULLY WELDED/BRAZED.
- EXISTING RADIATORS TO BE REPLACED WITH EQUAL OR GREATER HEAT OUTPUT THAN CURRENTLY INSTALLED.
- VALIDATION FOR PIPE WORK ROUTES, WATER FLOW RATE, TEMPERATURE AND PRESSURE WOULD BE REQUIRED PRIOR TO ANY WORKS.
- THE CONTRACTOR SHOULD PROVIDE 2 OPTIONS FOR REPLACING THE EXISTING RADIATORS.
OPTION 1- DRAIN DOWN THE SYSTEM, RECONNECT NEW RADIATORS INCLUDING FLUSHING THE SYSTEM AND COMMISSION.
OPTION 2- LOCALIZED FREEZING THE PIPE WORKS AND REPLACE THE RADIATORS.
- FINAL RADIATOR SELECTION TO BE COORDINATED AND CONFIRMED WITH THE ARCHITECT.
- OPENING UP FLOORS WOULD BE REQUIRED TO SURVEY THE EXTENT OF PIPE ROUTING BEFORE REPLACING EXISTING RADIATORS.
- ANY NEW PROPOSED PIPE ROUTE TO BE AGREED.
- THIS DRAWING SHOULD BE READ WITH THE EXISTING AND PROPOSED RADIATOR SCHEDULE.
- CONTRACTOR TO INVESTIGATE EXISTING REFRIGERANT PIPE ROUTE AND PROPOSED THE NEW REFRIGERANT PIPE ROUTE

LEGEND

-  EXISTING RADIATOR AND RELEVANT PIPEWORK CONNECTION TO BE STRIPPED OUT AND MAKE REDUNDANT.
-  NEW PROPOSED RADIATOR TO REPLACED EXISTING PIPEWORK, NEW PIPEWORK CONNECTION AND MODIFICATION REQUIRED.
-  NEW RADIATOR - NEW PIPEWORK CONNECTION REQUIRED FROM THE NEAREST LTHW BRANCH.
-  EXISTING RADIATOR TO BE STRIPPED OUT AND REPLACED WITH NEW RADIATOR, NEW PIPEWORK CONNECTION AND MODIFICATION REQUIRED.
-  TOWEL RAIL / RADIATOR REFERENCE
-  SPACE TEMPERATURE SENSOR
-  SPACE THERMOSTAT
-  FAN COIL / VRF UNIT

ABBREVIATIONS

- L/L LOW LEVEL
- M/L MID LEVEL
- H/L HIGH LEVEL
- DFA DROP FROM ABOVE
- DTB DROP TO BELOW
- RFB RISE FROM BELOW
- RTA RISE TO ABOVE

P03	UPDATED TENDER ISSUE	VK	YE	YE	20.09.23
P02	TENDER ISSUE	VK	YE	YE	05.09.23
P01	PRELIMINARY ISSUE	VK	YE	YE	10.08.23
REV	DESCRIPTION	BY	CHK	APP	DATE

Project Status: **LBC SUBMISSION**

The Multi-disciplinary Engineering Consultancy

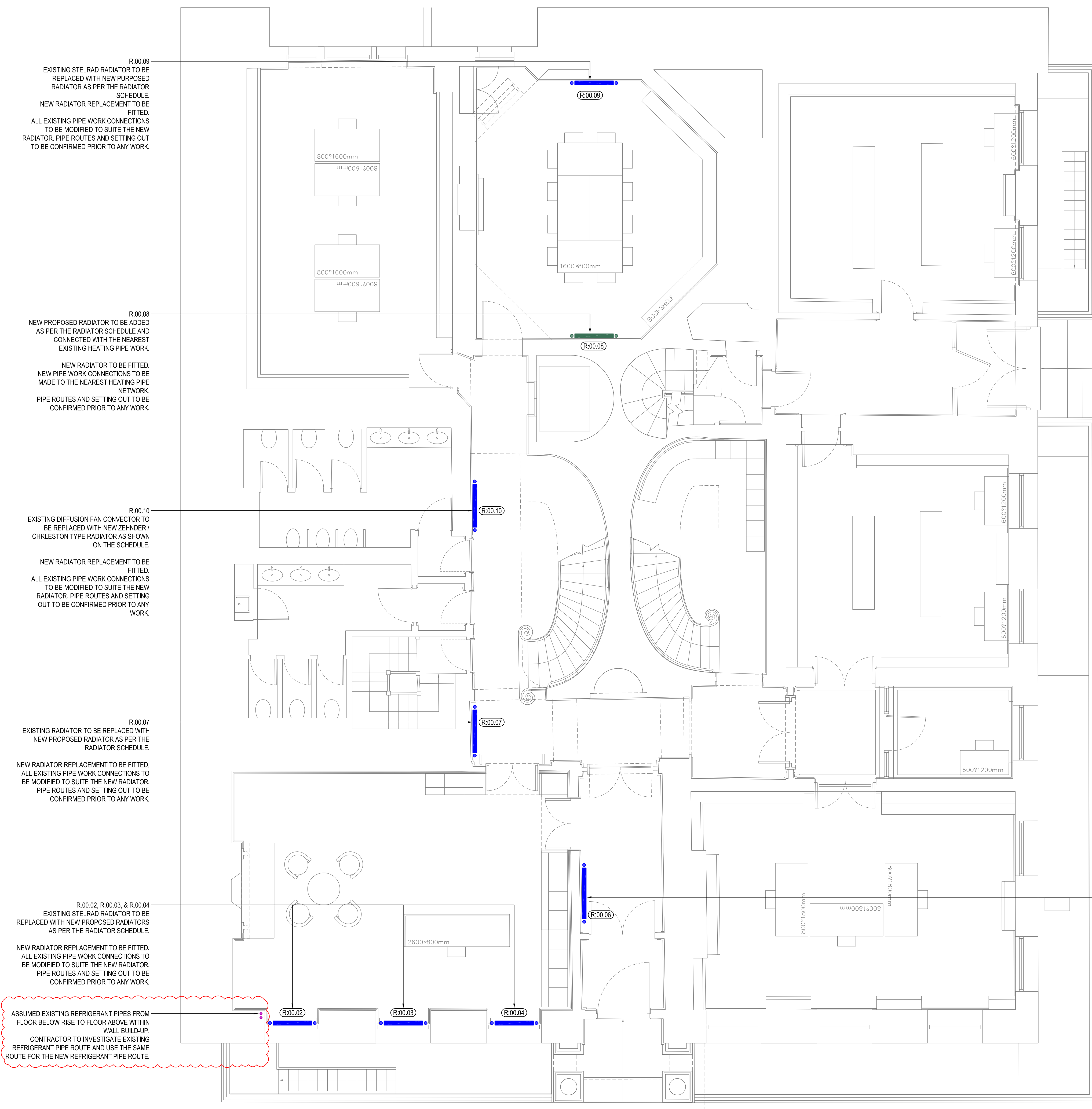
h HARLEY HADDOW

Unit A2, Hatchers Yard, 9 Tanner Street
London, SE1 3LE
T 44 (0) 203 735 5960
E london@harleyhaddow.com
Edinburgh | Glasgow | London | Manchester
harleyhaddow.com
Association for Consulting and Engineering Member Firm

Project: 310311
GERMAN HISTORICAL INSTITUTE
17 BLOOMSBURY SQUARE

Drawing Title:
GROUND FLOOR PROPOSED MECHANICAL REPLACEMENT WORKS LAYOUT

Scale @ A1	Date	Engineer
1:50	JULY 23	YE
Drawing No.	Revision	
310311-HAH-XX-00-D-M-05610	P03	



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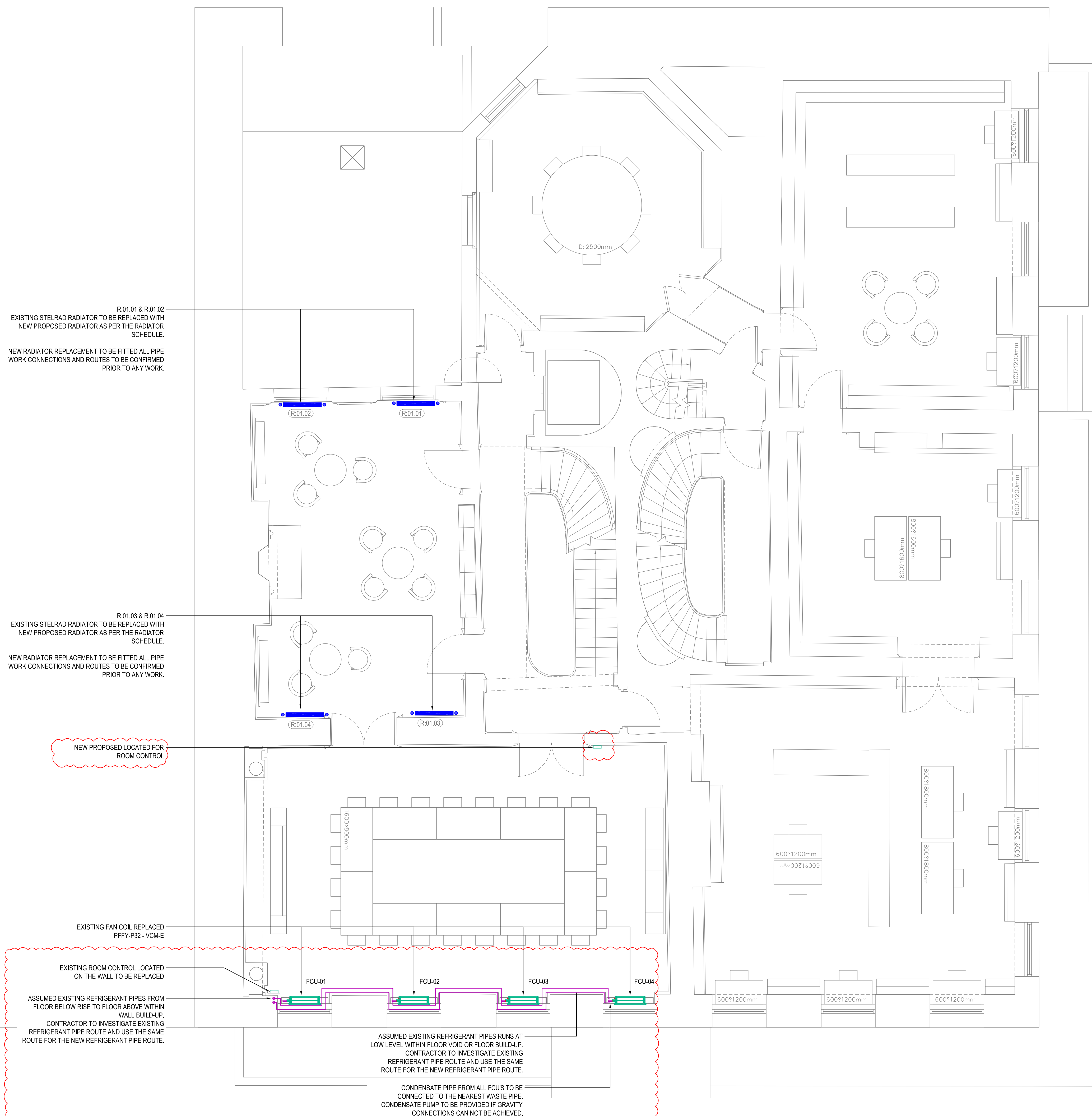
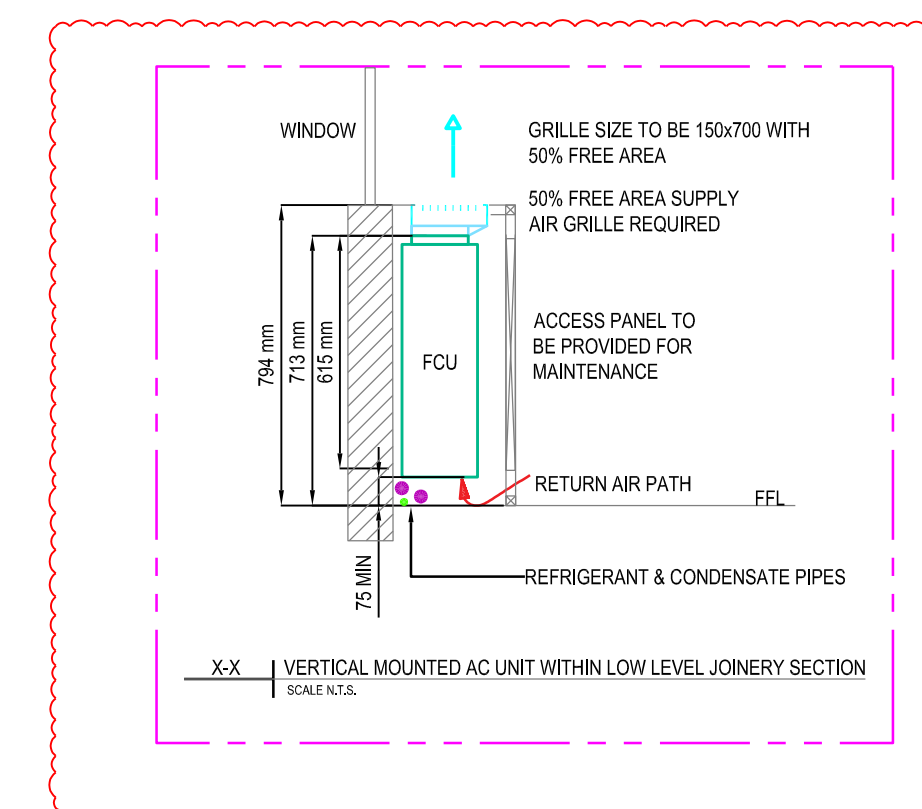
Unit A2, Hatchers Yard, 9 Tanner Street
London, SE1 3LE
T 44 (0) 203 735 5960
E london@harleyhaddow.com
Edinburgh | Glasgow | London | Manchester
harleyhaddow.com
Association for Consulting and Engineering Member Firm

Project: 310311

**GERMAN HISTORICAL INSTITUTE
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