

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

- 1. 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
- THE HEATING INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF BS EN 12828:2012, BS EN 12831:2017 AND THE

BUILDING REGULATIONS 2010.

- 4. 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.
- 6. ALL PIPEWORK TO BE ADEQUATELY SUPPORTED THROUGHOUT ITS
- ALL PIPES PASSING THROUGH FIRE STOP BARRIERS TO BE SLEEVED BEYOND THE BARRIER TO A MINIMUM LENGTH OF 300mm WITH BARRIER FIRE STOP MATERIAL.
- 8. 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.
- 10. EXISTING RADIATORS TO BE REPLACED WITH EQUAL OR GREATER HEAT OUTPUT THAN CURRENTLY INSTALLED.
- 11. VALIDATION FOR PIPE WORK ROUTES, WATER FLOW RATE, TEMPERATURE AND PRESSURE WOULD BE REQUIRED PRIOR
- TO ANY WORKS. 12. 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
- 13. FINAL RADIATOR SELECTION TO BE COORDINATED AND CONFIRMED WITH THE ARCHITECT.

THE RADIATORS.

- 14. OPENING UP FLOORS WOULD BE REQUIRED TO SURVEY THE EXTENT OF PIPE ROUTING BEFORE REPLACING EXISTING RADIATORS.
- 15. ANY NEW PROPOSED PIPE ROUTE TO BE AGREED.
- 16. THIS DRAWING SHOULD BE READ WITH THE EXISTING AND PROPOSED RADIATOR SCHEDULE.
- 17. CONTRACTOR TO INVESTIGATE EXISTING REFRIGERANT PIPE ROUTE AND PROPOSED THE NEW REFRIGERANT PIPE ROUTE

<u>LEGEND</u>

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.

R:XX:XX 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

REV DESCRIPTION

LBC SUBMISSION



The Multi-disciplinary Engineering Consultancy Unit A2, Hatchers Yard, 9 Tanner Street London, SE1 3LE

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Project: 310311 **GERMAN HISTORICAL**

17 BLOOMSBURY SQUARE

INSTITUTE

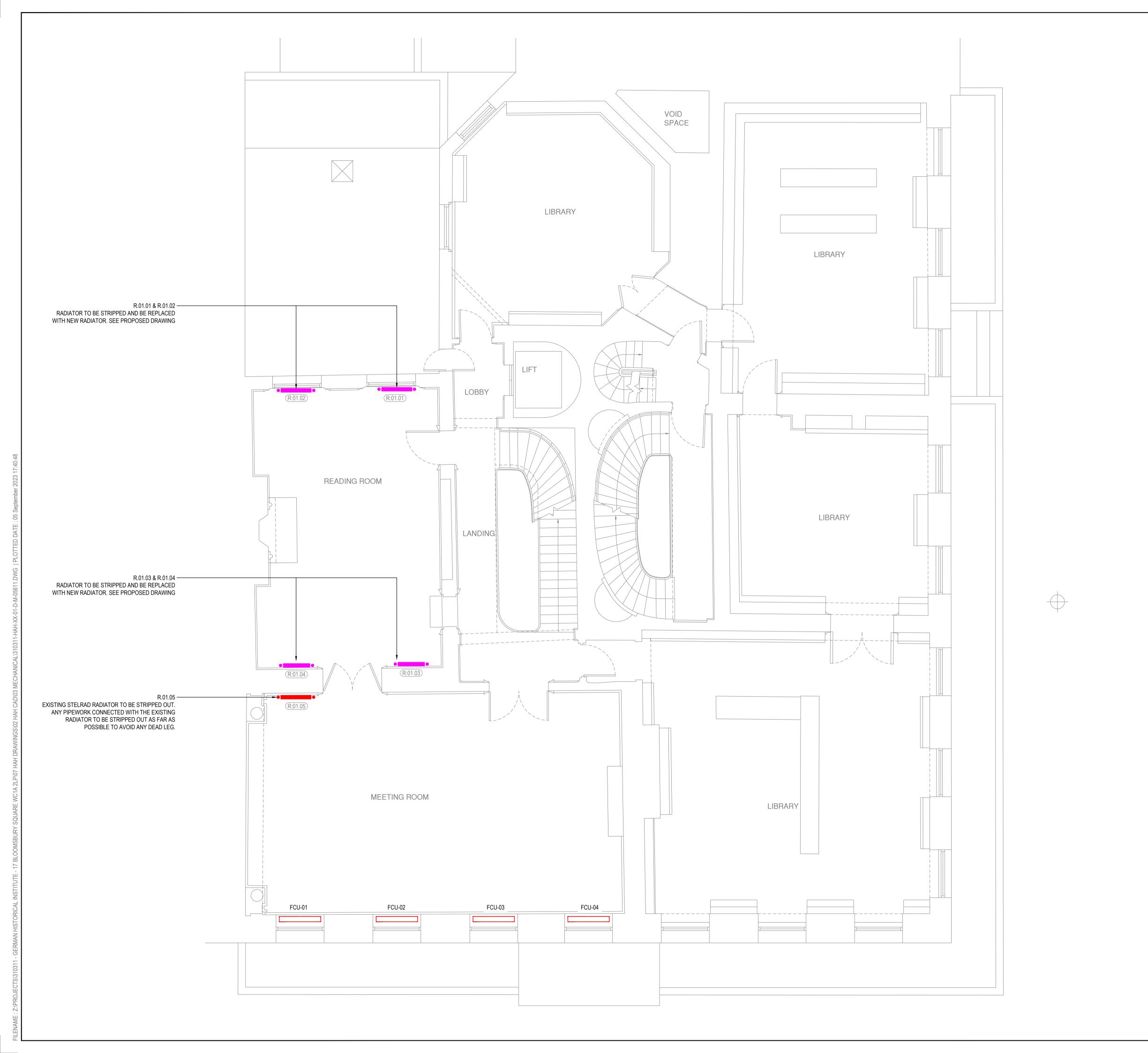
Drawing Title:

GROUND FLOOR EXISTING MECHANICAL STRIP OUT

LAYOUT 1:50

JULY 23 YΕ

Drawing No. 310311-HAH-XX-00-D-M-05611



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Project: 310311 **GERMAN HISTORICAL**

INSTITUTE

17 BLOOMSBURY SQUARE Drawing Title:

FIRST FLOOR EXISTING MECHANICAL STRIP OUT LAYOUT

1:50 JULY 23

Drawing No. 310311-HAH-XX-01-D-M-05611



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SECOND FLOOR EXISTING MECHANICAL STRIP OUT

LAYOUT

1:50

Scale @ A1 Date Engineer WY MAY 25

Drawing No. 310311-HAH-XX-02-D-M-05611