

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION:

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPE OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

SIGNIFICANT RESIDUAL RISKS:

THESE STATEMENTS RESULT FROM THE DESIGN RISK ASSESSMENTS CARRIED OUT BY THE DESIGNER. THE SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION IS INTENDED TO BE CONSISTENT WITH, BUT NOT REPLACE, THE HEALTH AND SAFETY INFORMATION ISSUED AS PART OF THE DOCUMENTATION PREPARED BY THE CDM-C. RISKS SHOWN ARE SIGNIFICANT RISKS ONLY I.E. THOSE WHICH AN EXPERIENCED CONTRACTOR MAY NOT REASONABLY ANTICIPATE.

CONSTRUCTION:

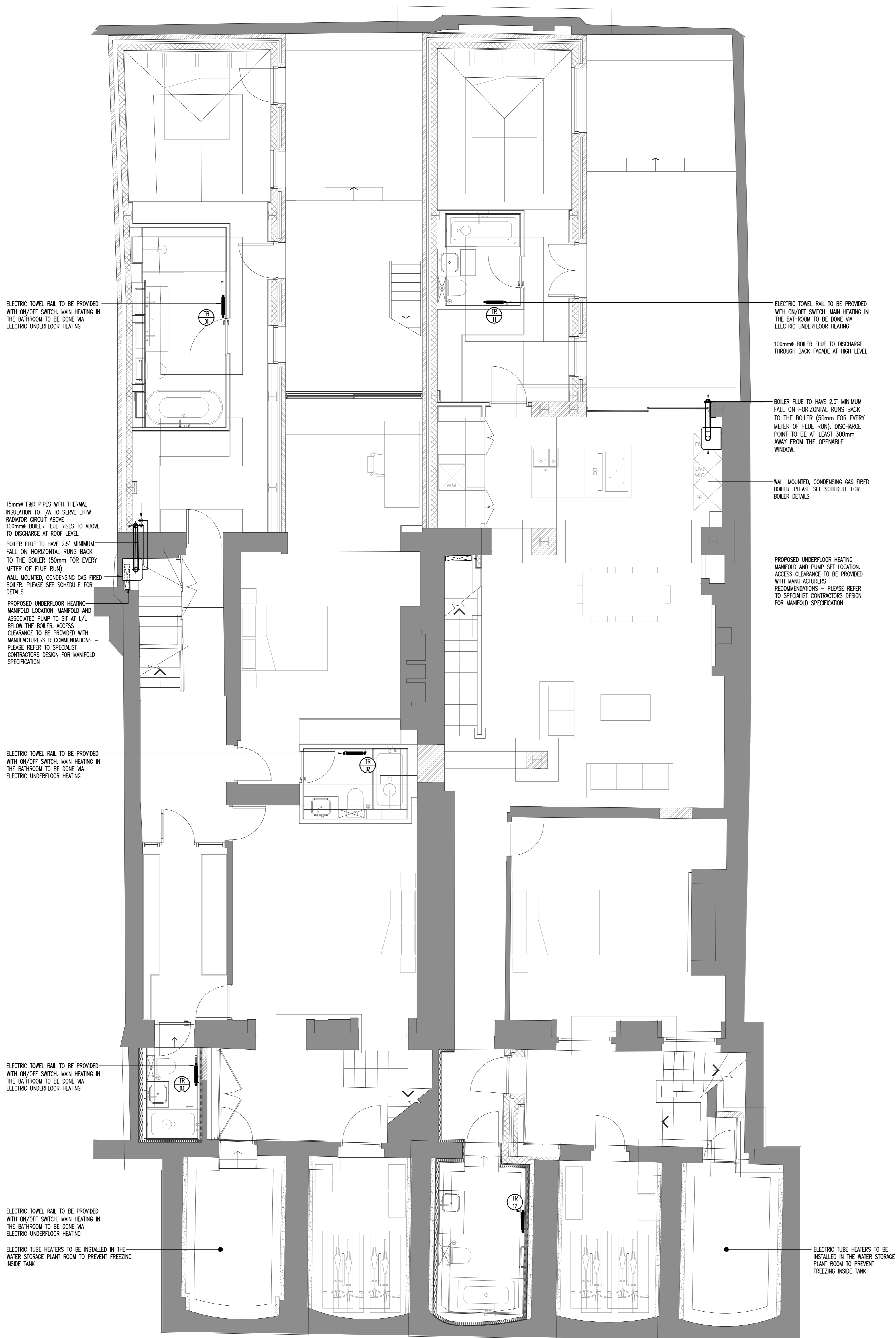
NONE KNOWN

MAINTENANCE:

NONE KNOWN

NOTE:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL AND PUBLIC HEALTH SERVICES DRAWINGS FOR THIS CONTRACT.
2. ALL TOWEL RAILS TO BE ELECTRICAL.
3. ALL SERVICES ROUTES AND EQUIPMENT LOCATIONS ARE INDICATIVE. ACTUAL LOCATION AND CONFIGURATION TO BE DETERMINED BY CONTRACTOR FOLLOWING COMPLETION OF CONTRACTORS DESIGN AND COORDINATION.
4. CLEARANCE TO THE BOILERS TO BE PROVIDED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION.
5. ALL PIPEWORK TO BE INSTALLED WITH 25mm THERMAL INSULATION (NOT SHOWN).
6. FINAL RADATOR POSITIONS TO BE CONFIRMED WITH ARCHITECT.
7. BOILER FLUE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
8. FOR RISER DETAILS PLEASE REFER TO 9000 SERIES DRAWINGS.
9. HEATING IN COMMUNAL SPACES TO BE PROVIDED VIA ELECTRIC PANEL RADATORS FED FROM THE LANDLORD SYSTEM
10. PLEASE REFER TO UPH SPECIALIST DESIGN FOR FLOOR HEATING SYSTEM DETAILS.
11. ADDITIONAL HEATING SOURCE TO SUPPLEMENT UPH SYSTEM (IF REQUIRED) TO BE AGREED WITH THE ARCHITECT.
12. ADDITIONAL HEATING REQUIREMENT BASED ON CALCULATED UPH OUTPUTS PROVIDED BY THE SPECIALIST CONTRACTOR.



ELECTRIC TOWEL RAIL TO BE PROVIDED WITH ON/OFF SWITCH. MAIN HEATING IN THE BATHROOM TO BE DONE VIA ELECTRIC UNDERFLOOR HEATING

15mm# F&R PIPES WITH THERMAL INSULATION TO 1/A TO SERVE LHW RADATOR CIRCUIT ABOVE
100mm# BOILER FLUE RISER TO ABOVE TO DISCHARGE AT ROOF LEVEL
BOILER FLUE TO HAVE 2.5' MINIMUM FALL ON HORIZONTAL RUNS BACK TO THE BOILER (50mm FOR EVERY METER OF FLUE RUN)
WALL MOUNTED, CONDENSING GAS FIRED BOILER. PLEASE SEE SCHEDULE FOR DETAILS
PROPOSED UNDERFLOOR HEATING-MANFOLD LOCATION, MANFOLD AND ASSOCIATED PUMP TO SIT AT L/L BELOW THE BOILER. ACCESS CLEARANCE TO BE PROVIDED WITH MANUFACTURERS RECOMMENDATIONS - PLEASE REFER TO SPECIALIST CONTRACTORS DESIGN FOR MANFOLD SPECIFICATION

ELECTRIC TOWEL RAIL TO BE PROVIDED WITH ON/OFF SWITCH. MAIN HEATING IN THE BATHROOM TO BE DONE VIA ELECTRIC UNDERFLOOR HEATING

ELECTRIC TOWEL RAIL TO BE PROVIDED WITH ON/OFF SWITCH. MAIN HEATING IN THE BATHROOM TO BE DONE VIA ELECTRIC UNDERFLOOR HEATING

ELECTRIC TOWEL RAIL TO BE PROVIDED WITH ON/OFF SWITCH. MAIN HEATING IN THE BATHROOM TO BE DONE VIA ELECTRIC UNDERFLOOR HEATING
ELECTRIC TUBE HEATERS TO BE INSTALLED IN THE WATER STORAGE PLANT ROOM TO PREVENT FREEZING INSIDE TANK

ELECTRIC TOWEL RAIL TO BE PROVIDED WITH ON/OFF SWITCH. MAIN HEATING IN THE BATHROOM TO BE DONE VIA ELECTRIC UNDERFLOOR HEATING

100mm# BOILER FLUE TO DISCHARGE THROUGH BACK FACADE AT HIGH LEVEL

BOILER FLUE TO HAVE 2.5' MINIMUM FALL ON HORIZONTAL RUNS BACK TO THE BOILER (50mm FOR EVERY METER OF FLUE RUN). DISCHARGE POINT TO BE AT LEAST 300mm AWAY FROM THE OPENABLE WINDOW.

WALL MOUNTED, CONDENSING GAS FIRED BOILER. PLEASE SEE SCHEDULE FOR BOILER DETAILS

PROPOSED UNDERFLOOR HEATING MANFOLD AND PUMP SET LOCATION. ACCESS CLEARANCE TO BE PROVIDED WITH MANUFACTURERS RECOMMENDATIONS - PLEASE REFER TO SPECIALIST CONTRACTORS DESIGN FOR MANFOLD SPECIFICATION

ELECTRIC TUBE HEATERS TO BE INSTALLED IN THE WATER STORAGE PLANT ROOM TO PREVENT FREEZING INSIDE TANK

C2	19/07/2017	CONTRACT ISSUE (LHW RADATOR CIRCUIT ADDED)
C1	06/07/2017	CONTRACT ISSUE
T4	22/02/2017	LATEST BACKGROUND INCORPORATED
T3	19/09/2016	TENDER ISSUE
T2	19/08/2016	TENDER ISSUE
T1	27/06/2016	TENDER ISSUE
P1	06/05/2016	PRELIMINARY ISSUE
Rev	Date	Description

Status	CONTRACT ISSUE
Architect	MODULOR STUDIO
Client	GUILFORD LIMITED

MCSERVE
83 Blackfriars Road
London SE1 8HA
T: 020 3141 5800
W: www.mcserve.com

Project
**66-67 GUILFORD STREET
LONDON**

Title
**LOWER GROUND FLOOR
HEATING SERVICES LAYOUT**

Date	Scale	Drawn	Checked
APRIL 2016	1:50 @ A1	KJ	MH

Drawing No
C6123/3200 C2