

LEGEND

- NEW LPHW UNDERFLOOR HEATING (WET SYSTEM) FOR WOOD/CARPET/TILE FLOORING WITHIN NEW CONCRETE SLAB WITH SCREED CONSTRUCTION IN GROUND FLOOR AND JOISTS ABOVE. SHALL BE AS SUPPLIED BY SPECIALIST UNDERFLOOR HEATING NOW (TEL: 07720 677 622 CONTACT GLYN DEWEY) OR EQUAL AND APPROVED
- NEW ELECTRIC UNDERFLOOR TILE HEATING IN WET AREAS (IE. BATHROOMS (CABLE MAT SYSTEM EMBEDDED IN TILE BEDDING). SHALL BE AS SUPPLIED BY SPECIALIST UNDERFLOOR HEATING NOW (TEL: 07720 677 622 CONTACT GLYN DEWEY) OR EQUAL AND APPROVED
- FLOOR FINISH. FOR EXACT FLOOR FINISHES REFER TO INTERIOR DESIGNER/ARCHITECTS DRAWINGS, SPECIFICATIONS AND FINISHES SCHEDULES
- LPHW UNDERFLOOR HEATING MANIFOLD, WHERE CONCEALED ACCESS TO BE PROVIDED TO ARCHITECTS/INTERIOR DESIGNERS DETAILS
- ROOM THERMOSTAT - TO CONTROL UNDERFLOOR HEATING. MAIN ROOM TO BE CONTROLLED WITH A ROOM SENSOR AND FLOOR SENSOR.
- ROOM THERMOSTAT TYPICALLY AT 1200mm ABOVE FINISHED FLOOR LEVEL
- PROGRAMMABLE ROOM THERMOSTAT EXACT POSITION TO BE AGREED WITH THE ARCHITECT/INTERIOR DESIGNER
- LTHW TOWEL RAIL ON A DEDICATED INDEPENDENT PUMPED CIRCUIT. FOR MODEL OF TOWEL RAIL REFER TO SANITARYWARE SCHEDULE. INCLUDE FOR FITTING. MINIMUM 250 WATTS HEAT OUTPUT TO BE PROVIDED.
- RADIATOR WITH THERMOSTATIC CONTROL
- FLOOR TEMPERATURE FOR HIGH LIMIT FLOOR TEMPERATURE CONTROL AND SUMMER FLOOR WARMING. TWO SENSORS TO BE INSTALLED TO UHF MANUFACTURERS REQUIREMENTS. 1NO SPARE FOR FUTURE.

NOTES

- FOR EXACT FLOOR FINISHES REFER TO INTERIOR DESIGNER/ARCHITECTS DRAWINGS.
 - ALL THERMOSTAT LOCATIONS TO BE AGREED WITH ARCHITECT.
 - WHERE RADIATORS ARE CONCEALED BEHIND JOINERY, VENTILATION SLOTS AT THE TOP & BOTTOM OF RADIATOR POSITIONS ARE REQUIRED TO ALLOW FOR THE AIR FLOW AND SLOTS MUST BE THE LENGTH OF THE RADIATOR.
 - ALL RADIATORS SHALL BE COMPLETE WITH AIR VENT, OPPOSITE END CONNECTIONS AND MOUNTING BRACKETS. WALL MOUNTING BRACKETS SHALL BE PROVIDED AT CENTRE'S, AS RECOMMENDED BY THE MANUFACTURER. BOILER F&R TEMPERATURE 80/60 DEG C. THE RADIATORS SHALL BE DELIVERED WITHIN A PROTECTIVE CARTON. IF ANY DAMAGE OCCURS TO THE RADIATORS THEY SHALL BE REPAIRED OR REPLACED AS APPROPRIATE AT NO EXTRA COST.
- THE CONTRACTOR SHALL CHECK ALL RELEVANT DIMENSIONS BEFORE ORDERING THE RADIATORS TO ENSURE THAT THE SIZE AS SPECIFIED CAN BE ACCOMMODATED IN THE SPACE AVAILABLE. THE MOUNTING HEIGHT OF THE RADIATORS SHALL BE HEAVILY BE AGREED PRIOR TO THE RADIATOR BEING FIXED. CONTRACTOR SHALL ALSO CHECK THAT RADIATORS ON STUD WALL CAN TAKE THE WEIGHT, IF NECESSARY ADVISE THE BUILDER ADDITIONAL STRENGTHENING IS REQUIRED TO WALL.
- THE CONTRACTOR SHALL INCLUDE FOR REMOVING RADIATORS ONCE AFTER FITTING FOR PAINTING AND REDECORATING AND FOR THEIR REINSTATEMENT.
- RADIATORS TO BE APPROVED AND INCLUDE RAL COLOUR FINISHED TO ARCHITECT/INTERIOR DESIGNERS REQUIREMENTS.

DESIGN NOTE

- DRAWING ISSUE FOR DESIGN INTENT DEVELOPMENT. FINAL RADIATOR POSITIONS, IN PARTICULAR ILLUSTRATED AT THE WINDOWS TO BE AGREED WITH ARCHITECT DUE TO LOW WINDOW SILL HEIGHTS.
- LOWER GROUND HEATING SHALL BE IN SCREED OR OVERBOARD UHF SYSTEM AS MANUFACTURED BY OMNIE FLOOR.
- GROUND TO THIRD FLOOR HEATING SHALL BE PRIMARILY BY UHF SYSTEM LIKELY BATTENED SYSTEM WITH PIPES RUN BETWEEN JOISTS USING EXISTING/NEW NOTCHES.
- RADIATORS ARE ALSO INDICATED TO SUPPLEMENT AND PROVIDE BACK UP TO THE UHF SYSTEM.

BWIC NOTE

USE OF EXISTING NOTCHES AND JOISTS TO BE USED WHERE PRACTICAL. ANY NEW NOTCH AND HOLES WILL BE CARRIED OUT IN ACCORDANCE TO LISTED BUILDING REGULATIONS AND STRUCTURAL ENGINEER'S DETAILS

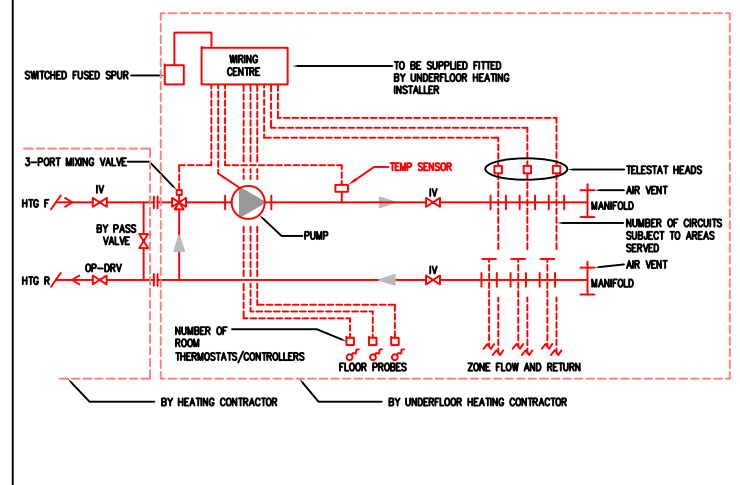
RADIATOR SCHEDULE

RAD REF	MAKE	MODEL	TYPE	CODE	OUTPUT ΔT 50°C (watts)	LENGTH (mm)	HEIGHT (mm)	DEPTH (mm)
R1	MYSON	PLAN	33	50 PT 100G	1996	1000	500	154
R2	MYSON	PLAN	33	50 PT 100G	1996	1000	500	154

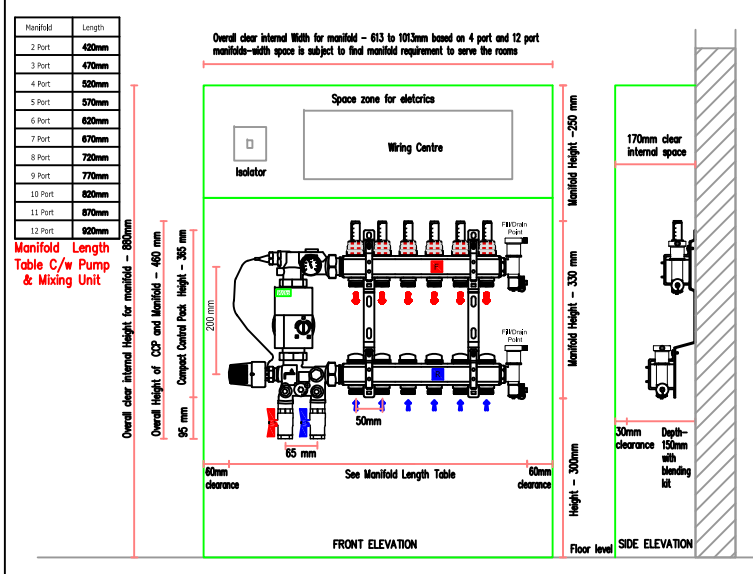
TOWEL RADIATOR SCHEDULE (INDIRECT WET HEATING SYSTEM ONLY)

RAD REF	MAKE	MODEL	TYPE	CODE	OUTPUT ΔT 50°C (watts)	LENGTH (mm)	HEIGHT (mm)	DEPTH (mm)
TR1	VOGUE	SERENE	ZGRILL	100050H0AT	257	500	1000	85
TR2	VOGUE	BALLERINA	SPECIAL	LG024B R	205	1100	700	138

TYPICAL ARRANGEMENT OF UNDERFLOOR HEATING MANIFOLD

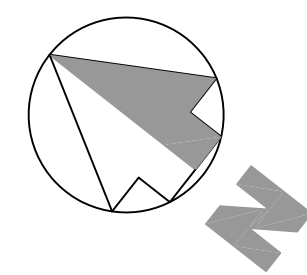


UNDERFLOOR HEATING MANIFOLD SPACE REQUIREMENTS



Note
ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE SETTING OUT OR MAKING ANY SHOP DRAWINGS. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE CONSULTANT ENGINEER'S SPECIFICATION.

Orientation



ref./date

REVISIONS

PT 23.12.20 PRE-TENDER ISSUE

PT1 03.02.21 PRE-TENDER ISSUE

T 22.02.21 TENDER ISSUE, GA's UPDATED

T1 15.03.21 TENDER ISSUE, GA's UPDATED

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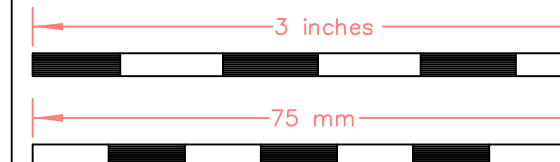
Description

LOWER GROUND
AND GROUND FLOOR
MECHANICAL SERVICES
HEATING

Project

55 CUMBERLAND TERRACE
CAMDEN, LONDON
NW1 4HJ

Microfilm Scale



Architect

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ref

55CT - GA (21-03-03)

Scale

A1@1:50

Date

Nov 2020

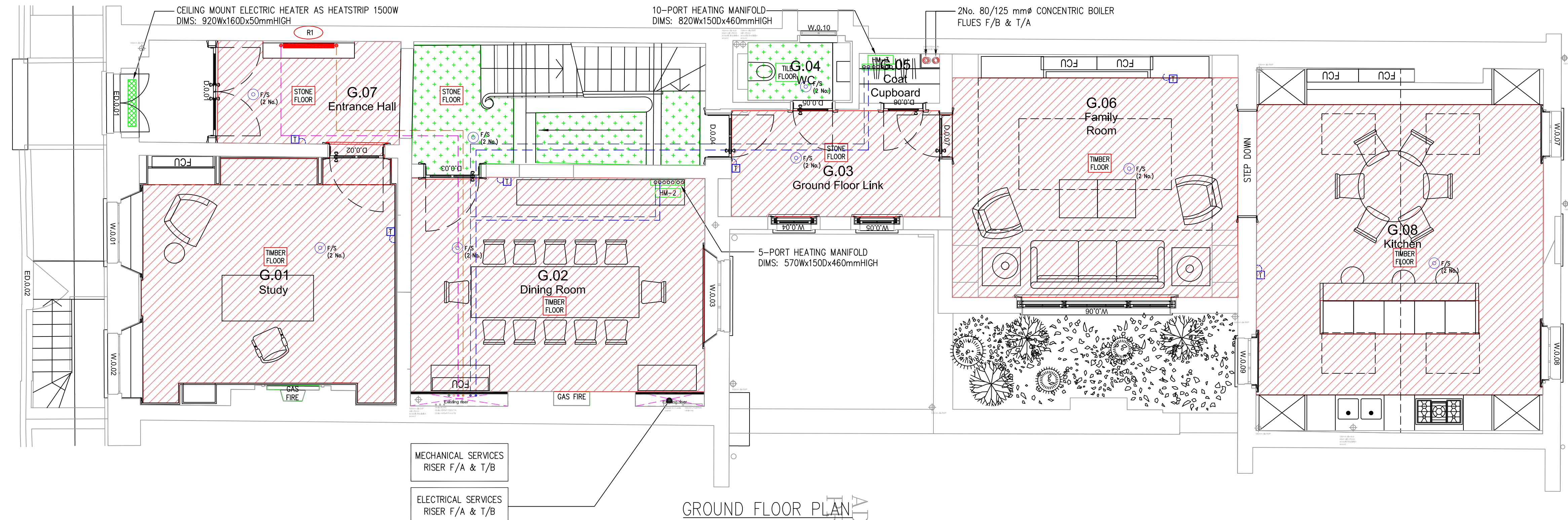
Issue

Checked

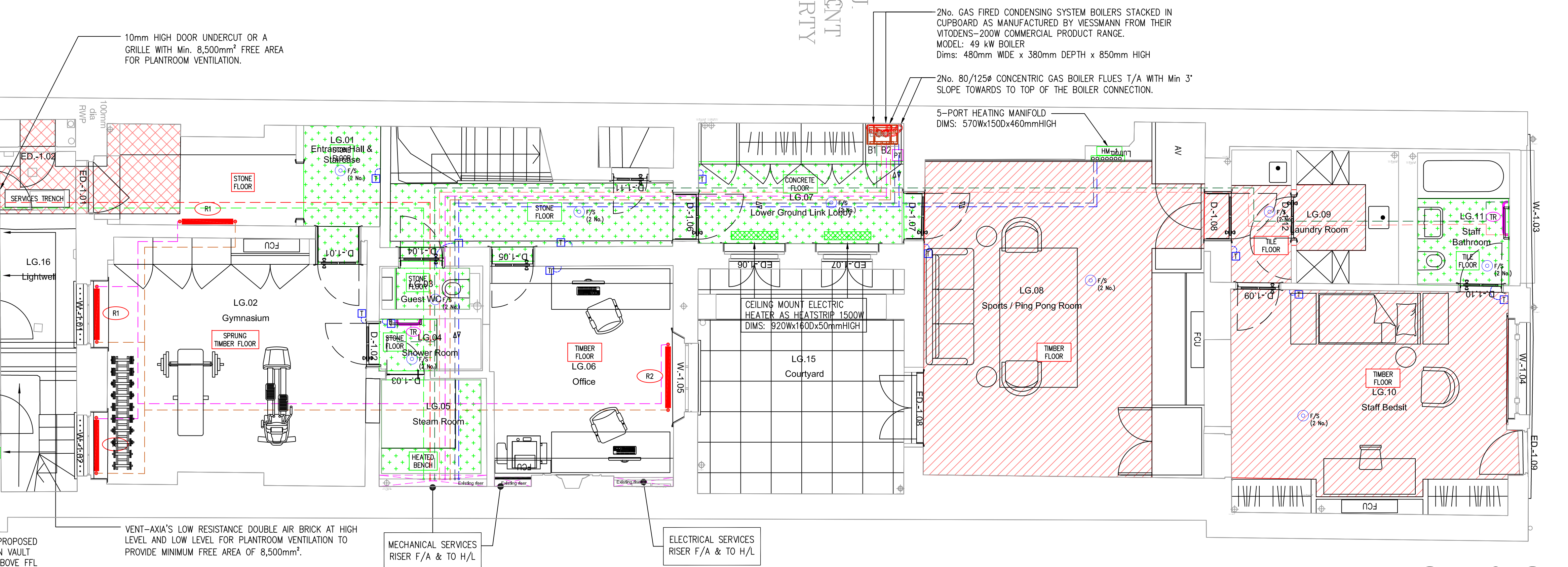
TENDER

Project No.	Services	Dwg No.	Rev.
6618	M	WS2-109	T1

Lwr Grd & Grd



GROUND FLOOR PLAN



LOWER GROUND FLOOR PLAN