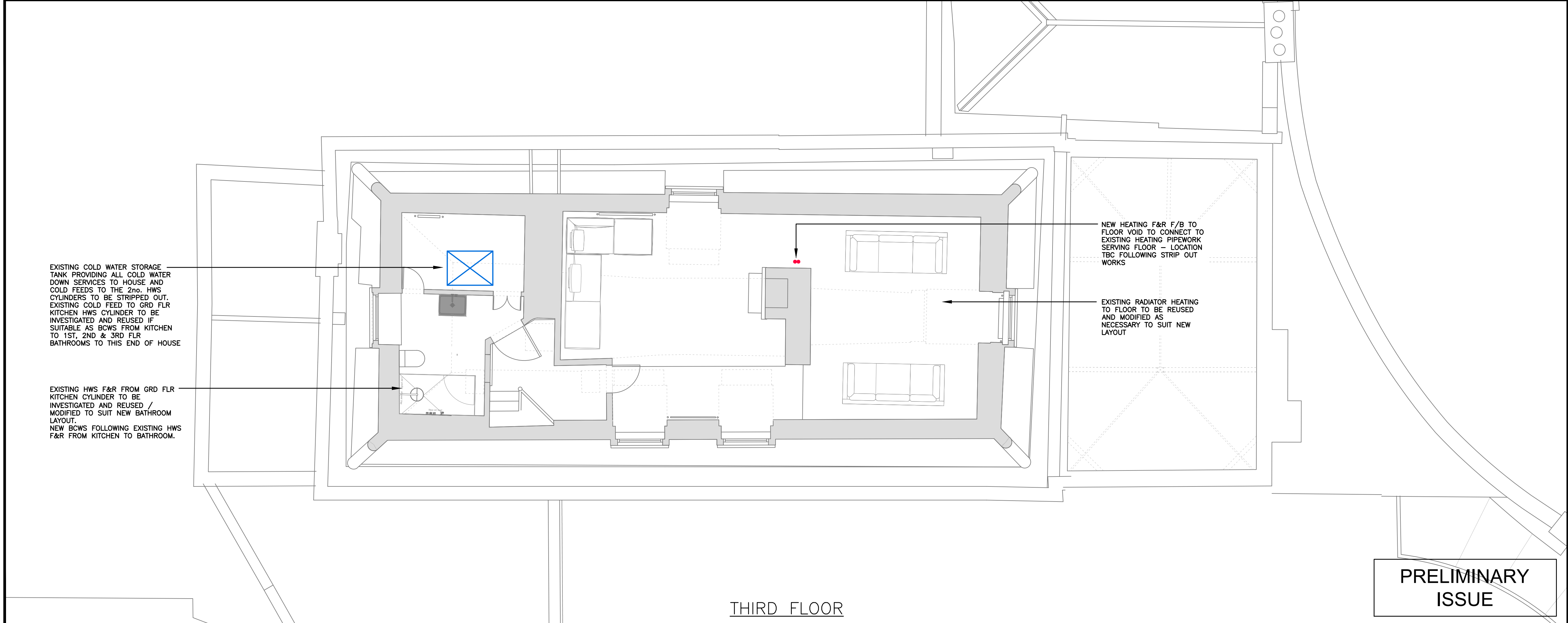


SECOND FLOOR



THIRD FLOOR

PRELIMINARY
ISSUE

LEGEND

NEW LPHW UNDERFLOOR HEATING ZONE

NEW ELECTRIC UNDERFLOOR HEATING ZONE

HTG – MAIN HOUSE HEATING

HTG – PRIMARY HWS HEATING

GAS

MCW – MAINS COLD WATER

BCWS – BOOSTED COLD WATER SERVICE (SOFTENED)

HWS – HOT WATER SERVICE (SOFTENED)

PIPE AT LOW LEVEL

PIPE BELOW FLOOR IN FLOOR DUCT/VOID

PIPE AT HIGH LEVEL IN CEILING VOID

L/L

LOW LEVEL

M/L

MID LEVEL

H/L

HIGH LEVEL

T/A

TO ABOVE

T/B

TO BELOW

F/A

FROM ABOVE

T/A

TO ABOVE

DCV

DOUBLE CHECK VALVE

TMV

THERMOSTATIC MIXING VALVE

TBV

THERMAL BALANCING VALVE

1.

EXISTING HEATING AND HOT AND COLD WATER SERVICES PIPEWORK ROUTES ARE TO BE INVESTIGATED FOLLOWING STRIP OUT WORKS AND RE-USED WHERE SIZE AND CONDITION ARE SUITABLE.

2.

ALL NEW UNDERFLOOR HEATING ZONES ON THE GROUND AND FIRST FLOORS ARE TO BE COMPLETE WITH TIME AND TEMPERATURE ZONE CONTROL.

3.

EXISTING HEATING PIPEWORK ROUTES ARE TO BE INVESTIGATED FOLLOWING STRIP OUT WORKS. TIME AND TEMPERATURE CONTROL FOR RADIATOR CIRCUITS TO THE GROUND, 2ND & 3RD FLOORS IS TO BE PROVIDED IF THE PIPEWORK CONFIGURATION IS SUITABLE AND INSTALLATION OF THE REQUIRED CONTROL VALVES AND WIRING IS FEASIBLE.

4.

THE LOCATION OF THE INCOMING MCW SUPPLY IS TO BE CONFIRMED AND MODIFIED TO SUPPLY THE NEW COLD WATER TANK IN THE GARAGE VIA THE EXISTING WATER SOFTENER.

5.

ALL BATHROOM EXTRACT FANS ARE TO BE INVESTIGATED AND CHECKED FOR CORRECT OPERATION AND REPLACED / MODIFIED AS NECESSARY TO SUIT THE NEW BATHROOM LAYOUTS AND MEET CURRENT BUILDING REGULATIONS REQUIREMENTS.

6.

THE EXISTING ELECTRICAL INSTALLATION IS TO BE FULLY TESTED AND LOAD MONITORED TO CONFIRM THE EXTENT OF ANY REWIRING REQUIRED TO ENSURE THE INSTALLATION IS BALANCED ACROSS ALL 3 PHASES.

RLA

BUILDING SERVICES

CONSULTING ENGINEERS

TELEPHONE: 020 8660 3204

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E-MAIL: info@rlatd.co.uk

1 HEATING CLOSE

KETTERING

NN15 5JA

Client

MR & MRS WRIGHT

Project

CANNON HALL
14 CANNON PLACE
HAMPSTEAD, NW3 1EJ

Title

SECOND & THIRD FLOORS
PROPOSED OUTLINE MECHANICAL AND
ELECTRICAL SERVICES

Scales

1:50 @ A1

Date

APR '22

Engineer

JL

Checked

-

Drawing Number

4447/ME/003

Rev

P1