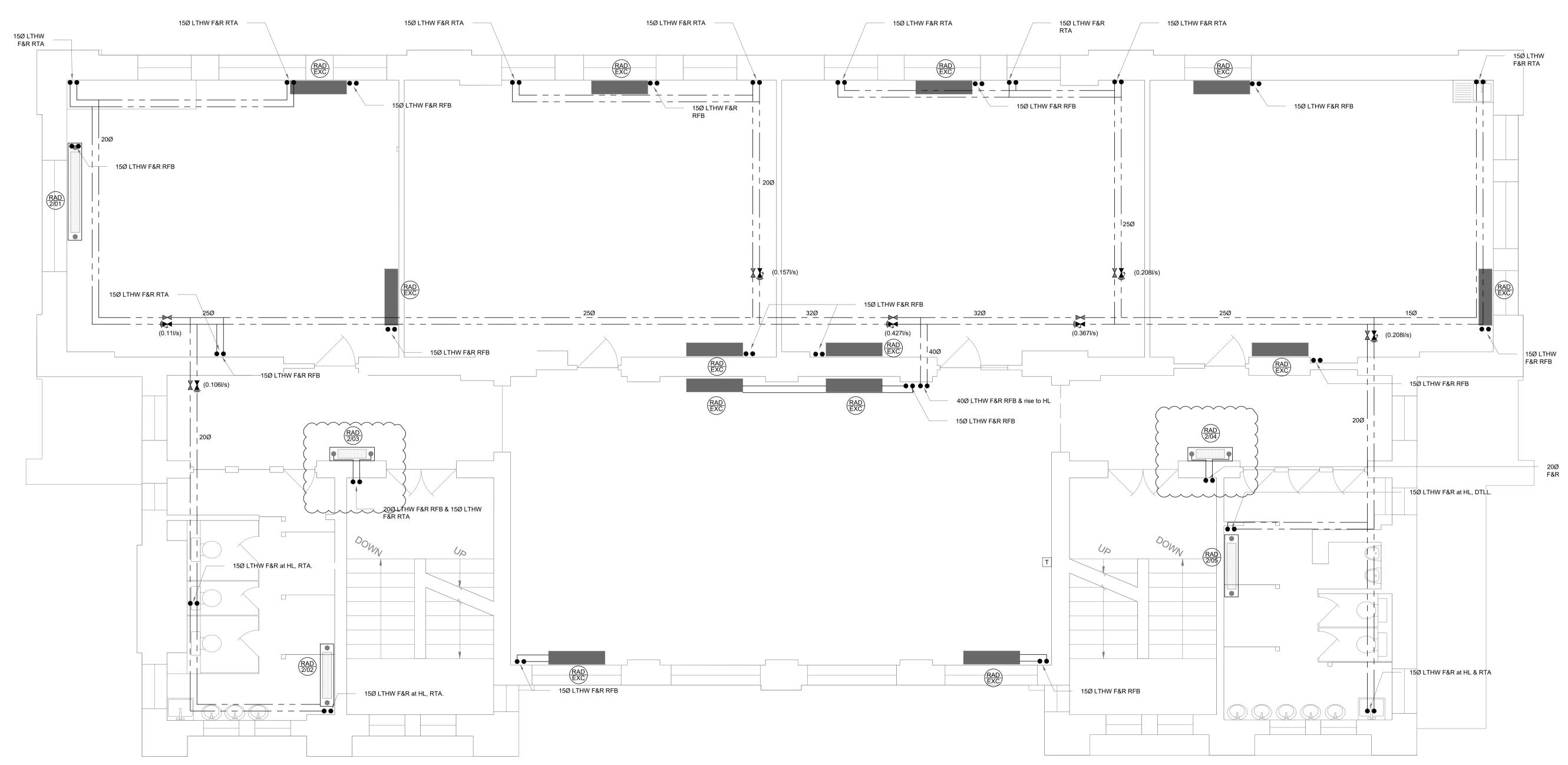
Low Temperature Hot Water General Notes:

- 1. LTHW heating pipework shall be carried out in 'press fit' mild steel.
- 2. Drain cocks shall be provided at all low points and equal tee air bottles at high points in accordance with BS 2879. Automatic air vents will be permitted within plant areas only. Inaccessible air vents shall be extended in 15mm copper
- pipework to low level within nearest accessible plant or store area complete with needle valves. 3. All equipment shall be installed in accordance with relevant manufacturers recommendations and accepted good
- practice. Valve and union connections shall be provided to isolate all equipment. Flushing points and drain cocks are to be installed at strategic locations in accordance with the flushing strategy.
- All LTHW heating systems shall be commissioned by an approved reputable commissioning specialist to achieve the flow rates as detailed and shall be witnessed by the Engineer.
- 6. Refer to heating schematic for provision of isolation and balancing valves. Contractor shall allow for isolation valves where the LTHW F&R pipework rises between floors. Ensure all LTHW flow and return pipework hole diameters within floor joists are not greater than 0.25 times the depth
- of a joist or 65mm and located between 0.25 and 0.4 times the span of the support. 8. Where pipework runs up through the stairwells the contractor shall include to boxin the pipework, where new radiators
- are shown on piers the contract shall include to box out to the radiators.

				Rac	diator Schedule	9					
Reference	Area Served / Location	Manufacturer	Model	Туре	Width (mm)	Height (mm)	Ambient Temperature (°C)	Room Heat Loss (kW)	Rad Output (kW)	Flow Rate (kg/s)	TRV & LSV
RAD 2/01	161 CLASSBASE	SENSOTHERM	SAFERAD LST - MODEL C	SEP2	2200	850	21	-	3.708	0.0441	✓
RAD 2/02	170 GIRLS TOILET	SENSOTHERM	SAFERAD LST - MODEL C	SEP2	1800	750	19	-	2.477	0.0295	✓
RAD 2/03	169 CIRCULATION	SENSOTHERM	SAFERAD LST - MODEL C	SEP2	1000	1050	19	-	2.011	0.0239	✓
RAD 2/04	185 CIRCULATION	SENSOTHERM	SAFERAD LST - MODEL C	SEP2	1000	1050	19	-	2.011	0.0239	✓
RAD 2/05	166 BOYS TOILET	SENSOTHERM	SAFERAD LST - MODEL C	SEP2	1800	750	19	-	2.477	0.0295	✓

- 1. Radiators selected on 82/71°C LTHW F&R.
- 2. "RAD EXC is the existing column radiator.



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of Practice unless specifically directed otherwise in the specification.

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It is assumed that all works on this drawing will be carried out by a competent contractor, working where appropriate to an approved method statement.

due to an error or omission in data supplied to us by others.

Project Notes

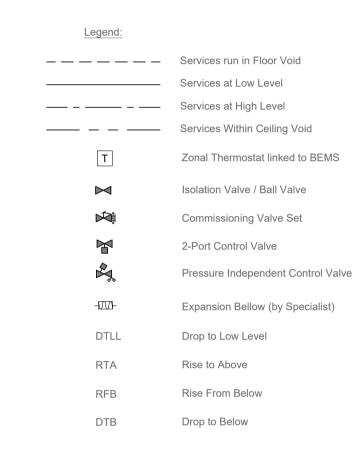
The Contractor shall ascertain the nature of the site, access thereto and all local conditions and restrictions likely to affect the installation. No claim will be considered on the grounds of the lack of site knowledge.

The Contractor shall be responsible for the final coordination of all new and existing services, with the building structure, architecture and fixed furniture and equipment.

The Contractor shall allow for all required changes in height and direction not identified on the drawing and the final setting out of all plant, equipment and services shall be agreed on

The Contractor shall be responsible for any temporary access or lifting equipment required

to carry out the works



T1 Pipework Alterations T0 Tender Issue Rev Description

JC/JC/BV By / Chk'd / App'd Date

BS1192:2007 / Avanti Compliant

24.01.19

JC/JS/BV



London Borough of Camden

New End Primary School

Drawing Title

Mechanical Services Drawing Proposed Heating Layout Second Floor

Purpose of Issu	Status		
Tender Is	D2		
Project No.	Date		
30202	1/50		Dec'18
Revision	Drawn By	Check By	Approved By
T1	JC	JS	BV

A1 Drawing Identifier BS1192:200
Project Origin Zone Level Type Role Class Number NEP BPC XX 02 DR M 560 0007

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