



Design status
This is not a detailed design drawing and is not to be used for installation purposes. The final detailed design, coordination and installation is the responsibility of the appointed contractor. This drawing is intended to illustrate intent, not provide full detail, and reference must be made to the specification for further information.



Information on this drawing is based on visual non-intrusive survey. Not all mechanical services shown on this drawing.



There are no "as installed" drawings of the existing services systems. Pipework distribution routes are generally concealed and unknown. The distribution of the constant and variable temperature circuits from the heat distribution units is unknown.



All radiators are Dimplex SmartRad intelligent fan convector heaters designed specifically for low water temperature heat pump systems. Size and output unknown.



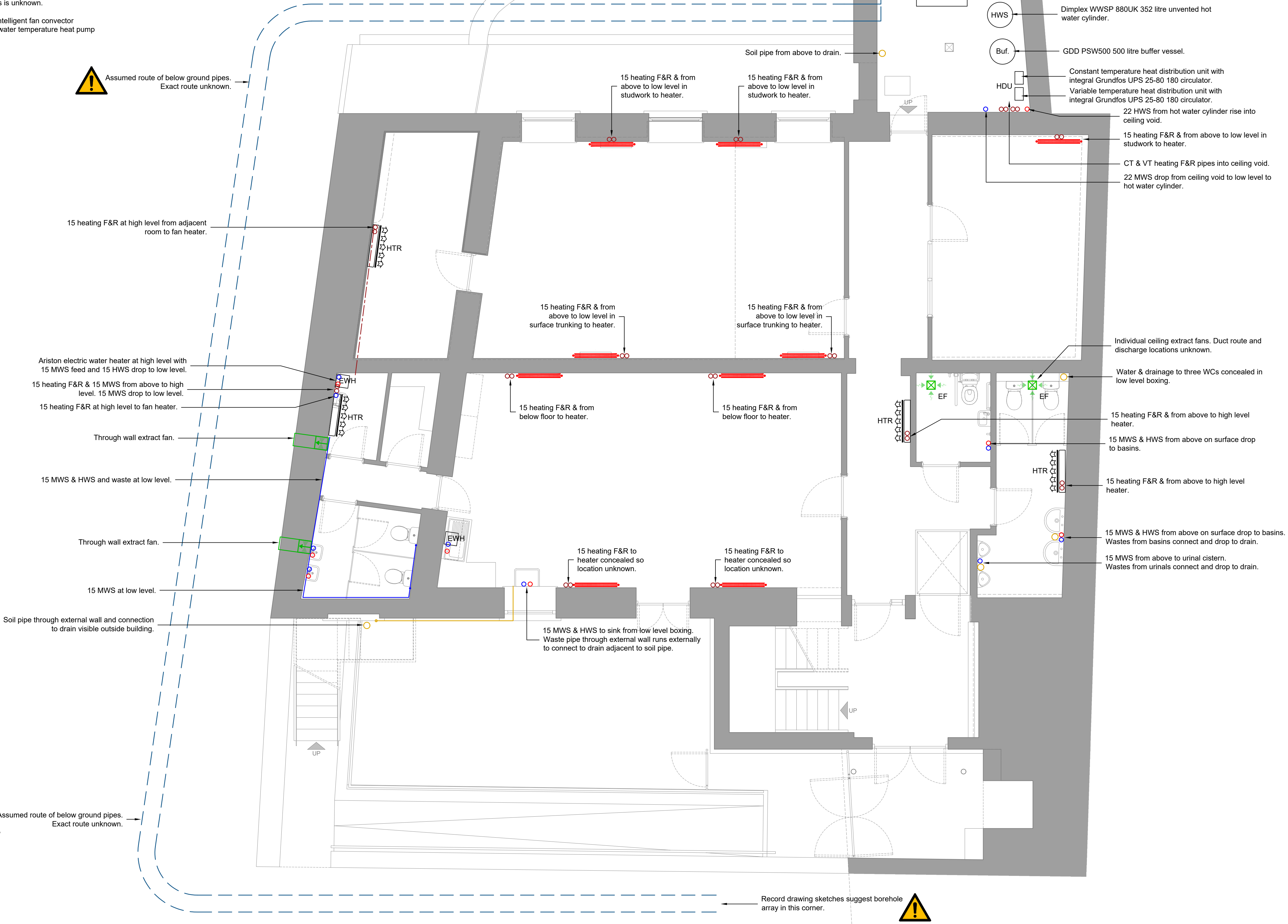
Asbestos Containing Materials (ACMs)
The building was extensively refurbished in 2010. A building asbestos management survey has not been provided nor an R&D survey yet undertaken. As such it must be expected that Asbestos Containing Materials (ACMs) may still be found, possibly as debris or residual materials, so may not be prominent or obvious.



Grundfos Magna3 40-100 F 220 (dated 2023) ground loop circulator.
Assumed route of below ground incoming mains water. Exact route unknown.



Assumed route of below ground pipes. Exact route unknown.



Health & Safety Hazards and Risks			
All works indicated on this drawing are to be carried out by a Contractor competent to undertake the works. Specific hazards relating to the works are indicated on this drawing. These are in addition to the normal hazards and risks faced by a competent person or contractor when dealing with the types of works indicated on this drawing.			
General Notes			
1. Do not scale from this drawing.			
2. All dimensions are in millimetres unless stated otherwise.			
3. Prior to commencing any works all relevant dimensions & site features are to be verified against contractual information.			
4. All proprietary components are to be installed in accordance with the Manufacturer's current written instructions.			

Rev	Date	Description	By
P1	24/02/26	Updated following team feedback.	KP
P0	17/02/26	Issued for review and comment.	KP

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P1	24/02/26	Updated following team feedback.	KP
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Suitability Number Key		BS 1192:2007	
WIP	S0 - Work in Progress *	Documentation Sign-off	
Shared	S1 - Fit for co-ordination **	A - Fit for construction	
	S2 - Fit for information	B - Fit for construction with comments	
	S3 - Fit for internal review & comment	C - Comprehensive revisions needed	
	S4 - Fit for construction approval	Archive	
		AB - As Built	
		FC - Final construction	
		* For internal pre-issue usage only	
		** For model file usage only	
		Documentation	
		D1 - Fit for costing	
		D2 - Fit for tender	
		D3 - Fit for Contractor design	
		D4 - Fit for manufacture / procurement	

Project Title	
Lower Ground Floor Refurbishment	
Drawing Title	
Existing mechanical services	

Client	
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Discipline Mechanical Engineering Systems			
Scale @ A1	1:50	Drawn	KP
Checked	PB		
Job Number	252672	Date	Feb 2026
Drawing Status			
Stage 4 Performance Design			
Suitability	S3	Revision	P1
Project - Origin - Zone - Level - Type - Role - Number			
2552-HP-XX-LG-DR-M-800			