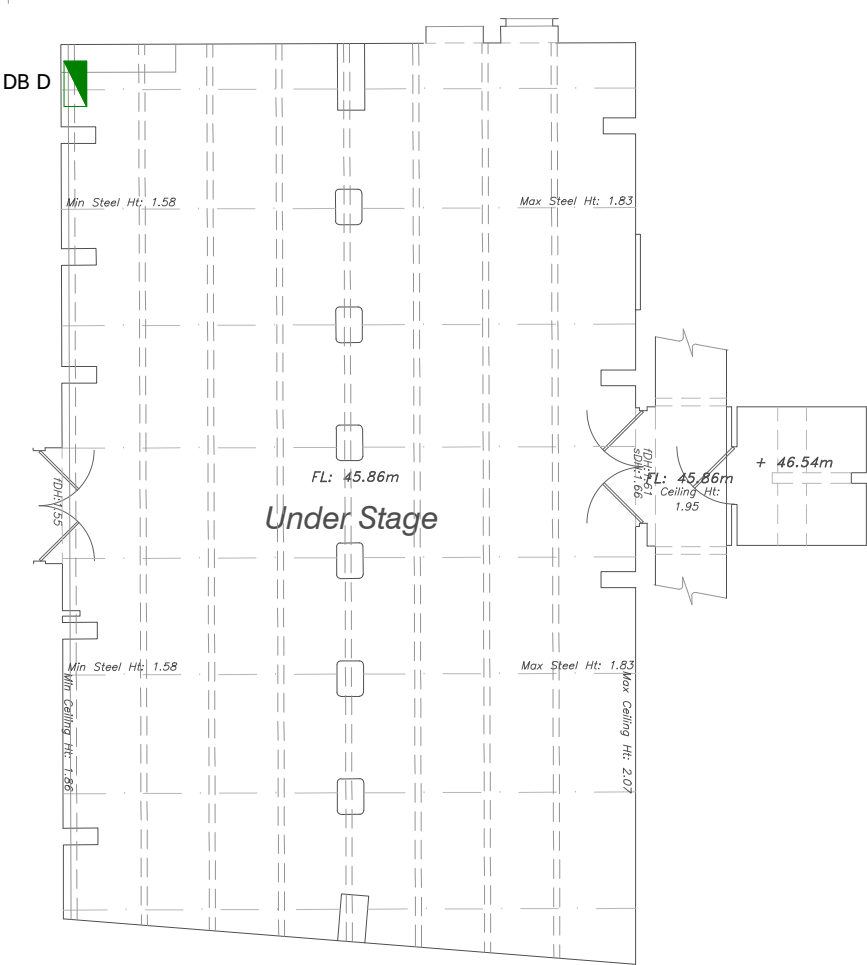
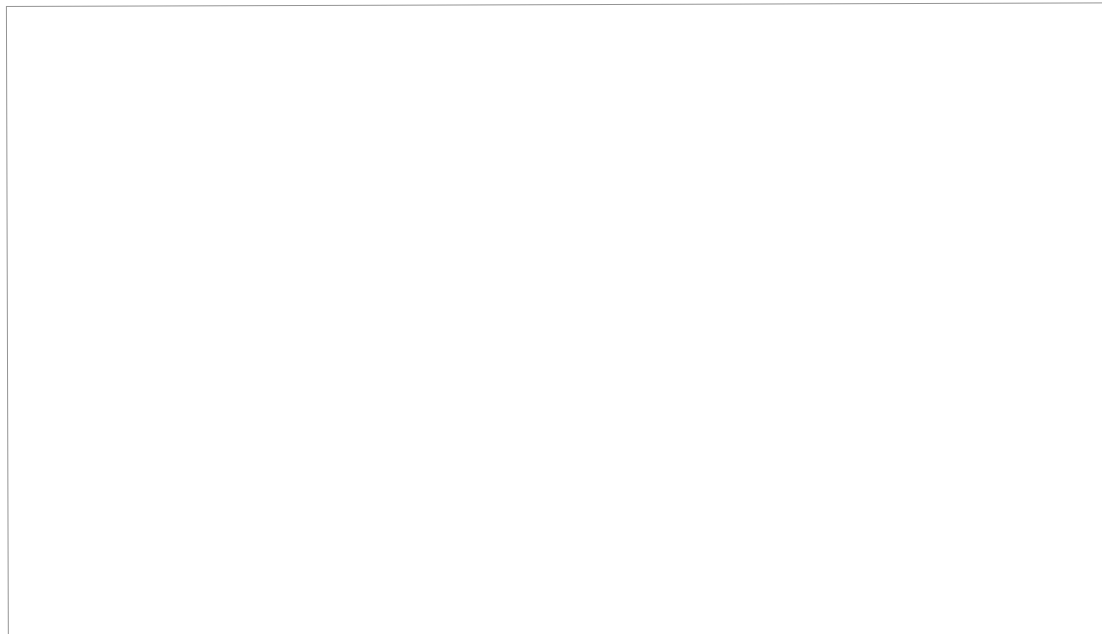




Do not scale from this drawing.
All dimensions to be confirmed on site.

Notes

1. Drawing produced from E3 visual inspection, December 2024. Not a formal as-seen survey.
2. Drawings revised to include approximate sizes and pipe routes noted at E3 as-seen survey January 2025. Exact sizes and pipe routes to be confirmed by contractor at formal survey.

Key

- U/H Unheated
- EH Electric Heater
- ESH Electric Storage Heater
- R Radiator
- FCU Fan Coil Unit
- DB Distribution Board
- MP Main Panel
- DX Direct Expansion (condensing unit)
- W/H Water heater
- SG Supply Grille

- | | | |
|---|-----------|---------------|
| 1 | 13 Mar 25 | Revised issue |
| 0 | 24 Dec 24 | Draft issue |

Revisions

Client

Architect

e³ consulting engineers
QUEEN SQUARE HOUSE, 18-21 QUEEN SQUARE, BRISTOL BS14NH
TEL: 0117 238 0909 www.e3ce.com

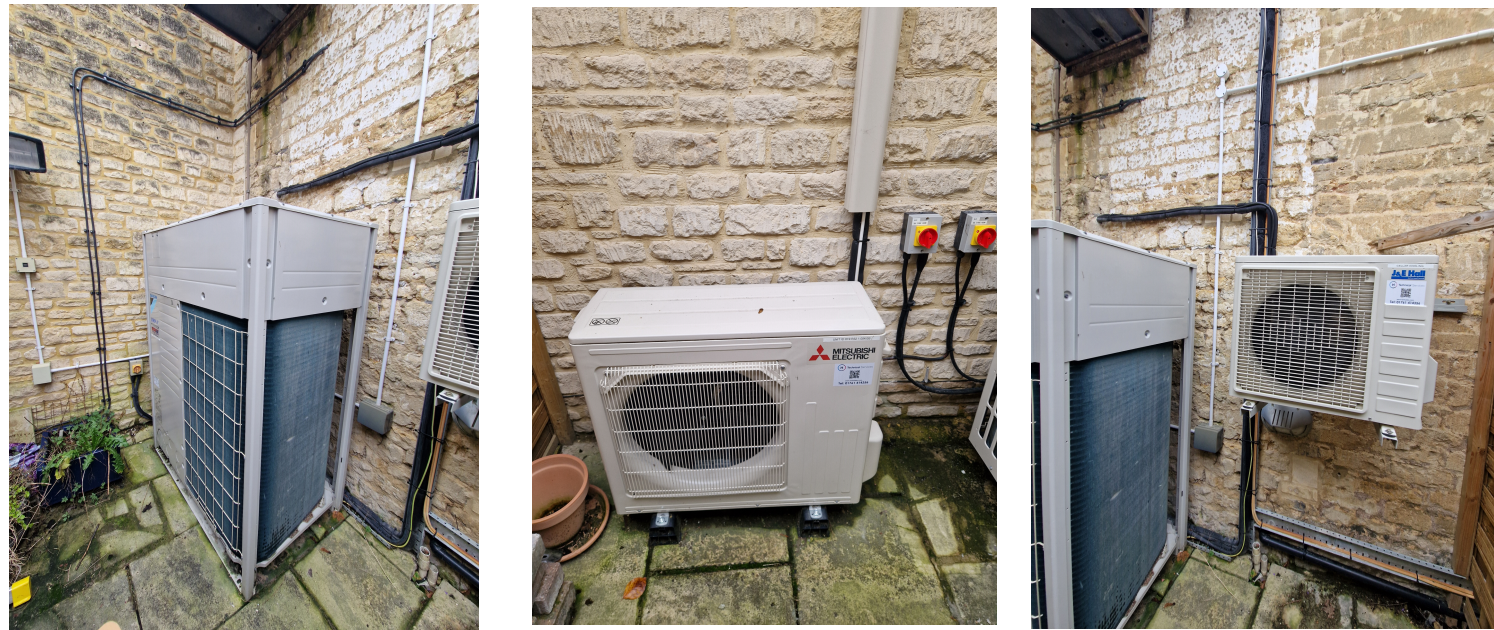
Job Internal Project No. 4887
Chippenham Town Hall

Title
Neeld Hall Basement
Existing Mechanical and Electrical Services Diagrams

Drawing No.
4887 SK01

Scale	Author	Reviewer	Status	Rev.
1:100 @ A1	IMB	HG	-	1

VRF Daikin and DX Mitsubishi and CU servicing Neeld



Neeld foyer fan coil unit



Significant electrical load in kitchen due to fridge, hobs and warming cupboard.

150 steel pipes serving radiator at LL. Larkhall survey flags that valves are seized, therefore radiator is not operational.

- 2 x 1" (250) pipes running down in riser, assumed to be serve the existing underfloor heating, therefore are redundant.
- 2 x 1/2" (150) pipes serving radiators on the ground floor, in the kitchen, gents and ladies toilets.
- Additional unidentified 2 x 1/2" (150) pipes in ceiling void.
As surveyed by Larkhall.

Neeld gas meter serving boilers only

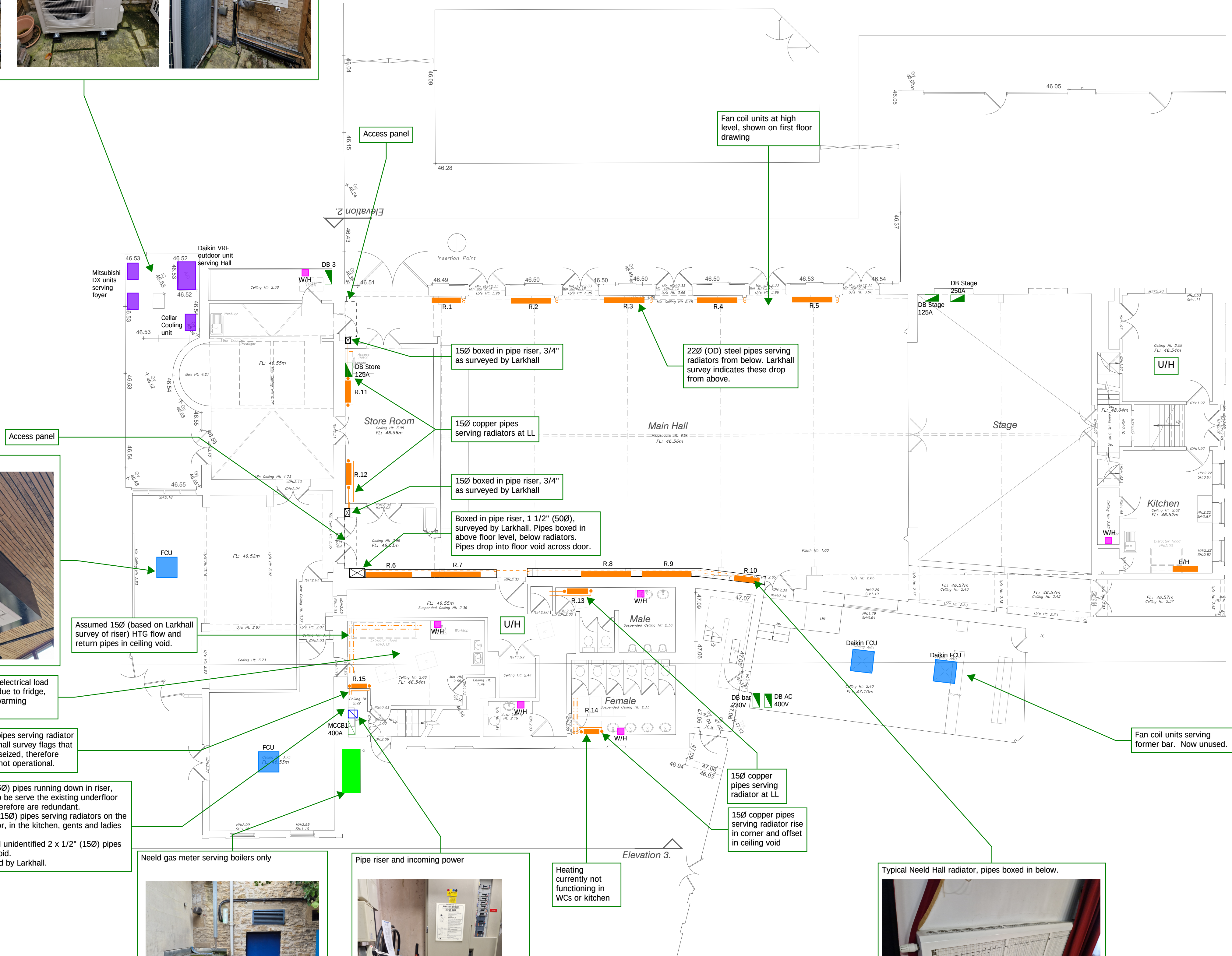


Pipe riser and incoming power



Heating currently not functioning in WCs or kitchen

Typical Neeld Hall radiator, pipes boxed in below.



Radiator sizes, measured by E3 22/01/25

	W x H x D
R.1	1400 x 650 x 95
R.2	1800 x 650 x 95
R.3	1800 x 650 x 95
R.4	1800 x 650 x 95
R.5	1800 x 650 x 95
R.6	1800 x 650 x 95
R.7	2000 x 650 x 95
R.8	1800 x 650 x 95
R.9	2000 x 650 x 95
R.10	750 x 650 x 95
R.11	800 x 700 x 95
R.12	800 x 700 x 95
R.13	600 x 500 x 45
R.14	400 x 600 x 45
R.15	500 x 800 x 85

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EH Electric Heater
ESH Electric Storage Heater
R Radiator
FCU Fan Coil Unit
DB Distribution Board
MP Main Panel
DX Direct Expansion (condensing unit)
W/H Water heater
SG Supply Grille

1 13 Mar 25 Revised issue
0 24 Dec 24 Draft issue

Revisions

Client

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Job Internal Project No. 4887
Chippenhams Town Hall

Title
Neeld Hall Ground Floor
Existing Mechanical and Electrical Services Diagrams

Drawing No.
4887 SK01

Scale 1:100 @ A1	Author IMB	Reviewer HG	Status -	Rev. 1
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 Notes

- Key

SG Supply Grille



Architect

Scale	Author	Reviewer	Status	Rev.
1:100 @ A1	IMB	HG	-	1

Two Hamworthy Purewell boilers, each 100kW, and disused gas fired water heater, 80kW

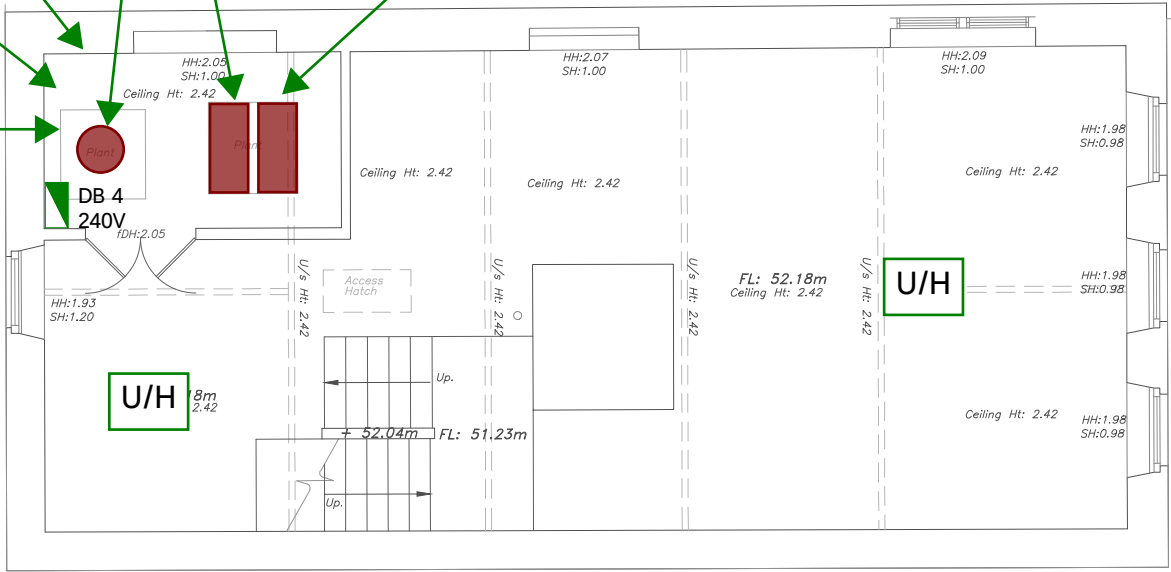


No testing / commissioning points located in plant room. Larkhall unable to determine peak flow rate in system.

2 x 3/4" loops on the heating circuit on the 2nd and 1st floor at high level. Gate valve and double regulating valve on each loop. Assumed for future use.

3-port valve serving kitchen and WCs not opening when calling for heat. Manually opened by Larkhall on site. Heating reinstated to WCs.

Boiler 2 is not functioning



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Job Internal Project No. 4887
Chippenham Town Hall

Title
Needle Hall Second Floor
Existing Mechanical and Electrical Services Diagrams

Drawing No.
4887 SK01

Scale	Author	Reviewer	Status	Rev.
1:100 @ A1	IMB	HG	-	1