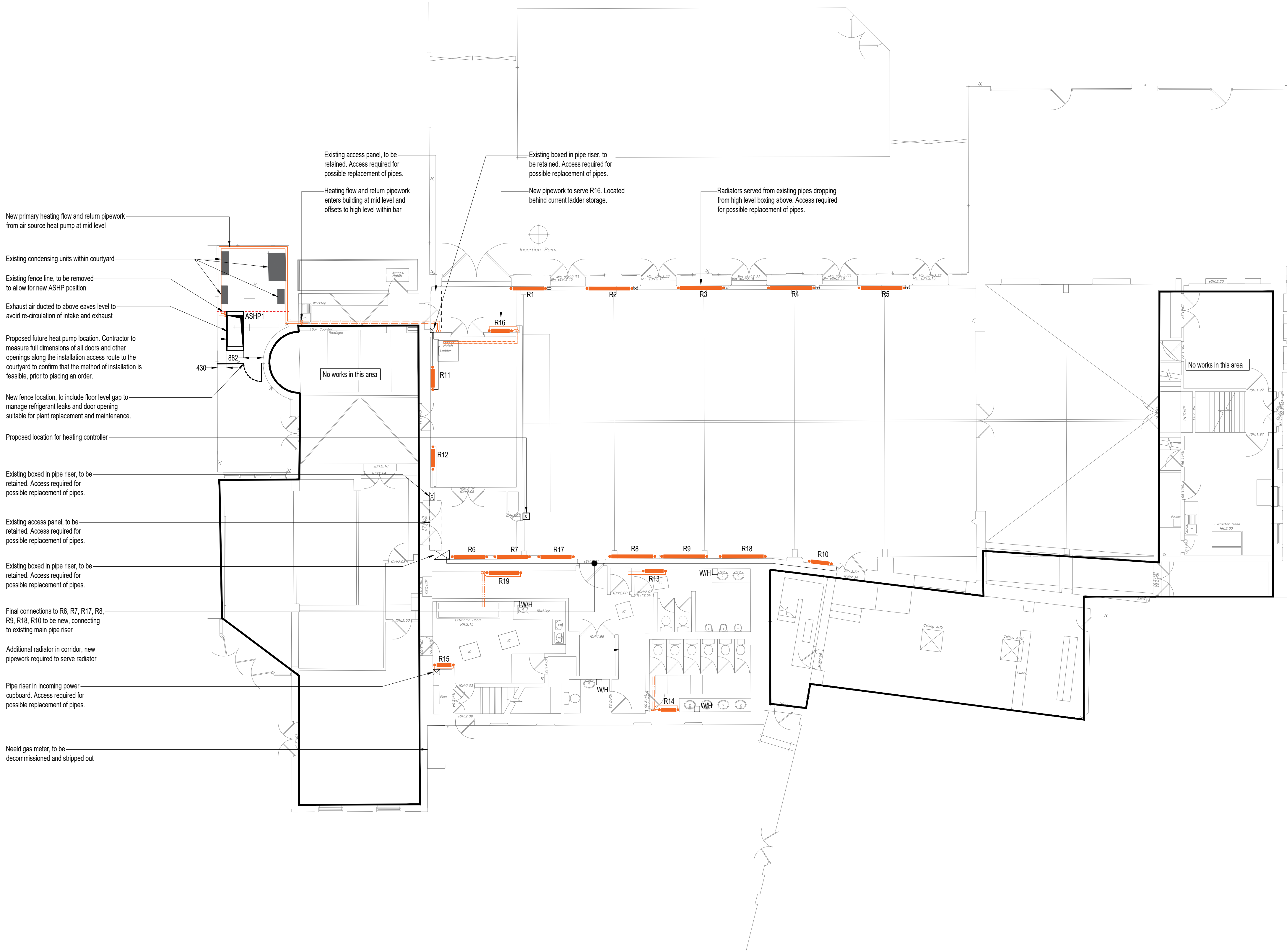




New primary heating flow and return pipework from air source heat pump at mid level

Existing condensing units within courtyard

Existing fence line, to be removed to allow for new ASHP position

Exhaust air ducted to above eaves level to avoid re-circulation of intake and exhaust

Proposed future heat pump location. Contractor to measure full dimensions of all doors and other openings along the installation access route to the courtyard to confirm that the method of installation is feasible, prior to placing an order.

New fence location, to include floor level gap to manage refrigerant leaks and door opening suitable for plant replacement and maintenance.

Proposed location for heating controller

Existing boxed in pipe riser, to be retained. Access required for possible replacement of pipes.

Existing access panel, to be retained. Access required for possible replacement of pipes.

Existing boxed in pipe riser, to be retained. Access required for possible replacement of pipes.

Final connections to R6, R7, R17, R8, R9, R18, R10 to be new, connecting to existing main pipe riser

Additional radiator in corridor, new pipework required to serve radiator

Pipe riser in incoming power cupboard. Access required for possible replacement of pipes.

Neeld gas meter, to be decommissioned and stripped out

Existing access panel, to be retained. Access required for possible replacement of pipes.

Heating flow and return pipework enters building at mid level and offsets to high level within bar

Insertion Point

Existing boxed in pipe riser, to be retained. Access required for possible replacement of pipes.

New pipework to serve R16. Located behind current ladder storage.

Radiators served from existing pipes dropping from high level boxing above. Access required for possible replacement of pipes.

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

Notes

- Drawings to be read in conjunction with the schematic drawings and specification.
- All radiators served by air source heat pump system to be replaced.
- Refer to MSP01 for specification of radiators, including finishes.
- Existing water heaters to be retained.
- Radiator locations to be coordinated with existing plug sockets.

Key

- R Radiator
- H Heating system
- Pipework at high level
- - - - - Pipework within ceiling void
- Pipework at low level
- WH Water heater
- ASHP Air source heat pump
- C Controller

T02	25 Nov 25	Revised Tender Issue
T01	14 Nov 25	Tender Issue
P02	30 Oct 25	Draft Tender Issue
P01	16 Apr 25	Preliminary Issue

Revisions

Client Chippenham Town Council Internal Project No. 4887

Architect

N/A

e³ consulting engineers

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Project

Chippenham Town Hall

Title

Neeld Hall Ground Floor
Proposed Mechanical Drawing

Drawing No.

CTH-E3CE-NH-00-D-M-9010

Scale	Author	Reviewer	Status	Rev.
1:100 @ A1	IB	HG	-	T02