

Allotment, Community and a Low Carbon Legacy

Wednesday 25th Sept, 7:30pm



Agenda

7:30 pm	Introduction
7:35 pm	Context, Insulation, Heating, Rainwater, Windows, Ventilation
8:05 pm	Q&A
8:15 pm	The story - how it happened
8:25 pm	Q&A
8:30 pm	Thanks and feedback





Questions

Please put your questions into the chat





1947 ex-council terrace in Foster Road, Trumpington.

Extensive retrofit and ground floor extension

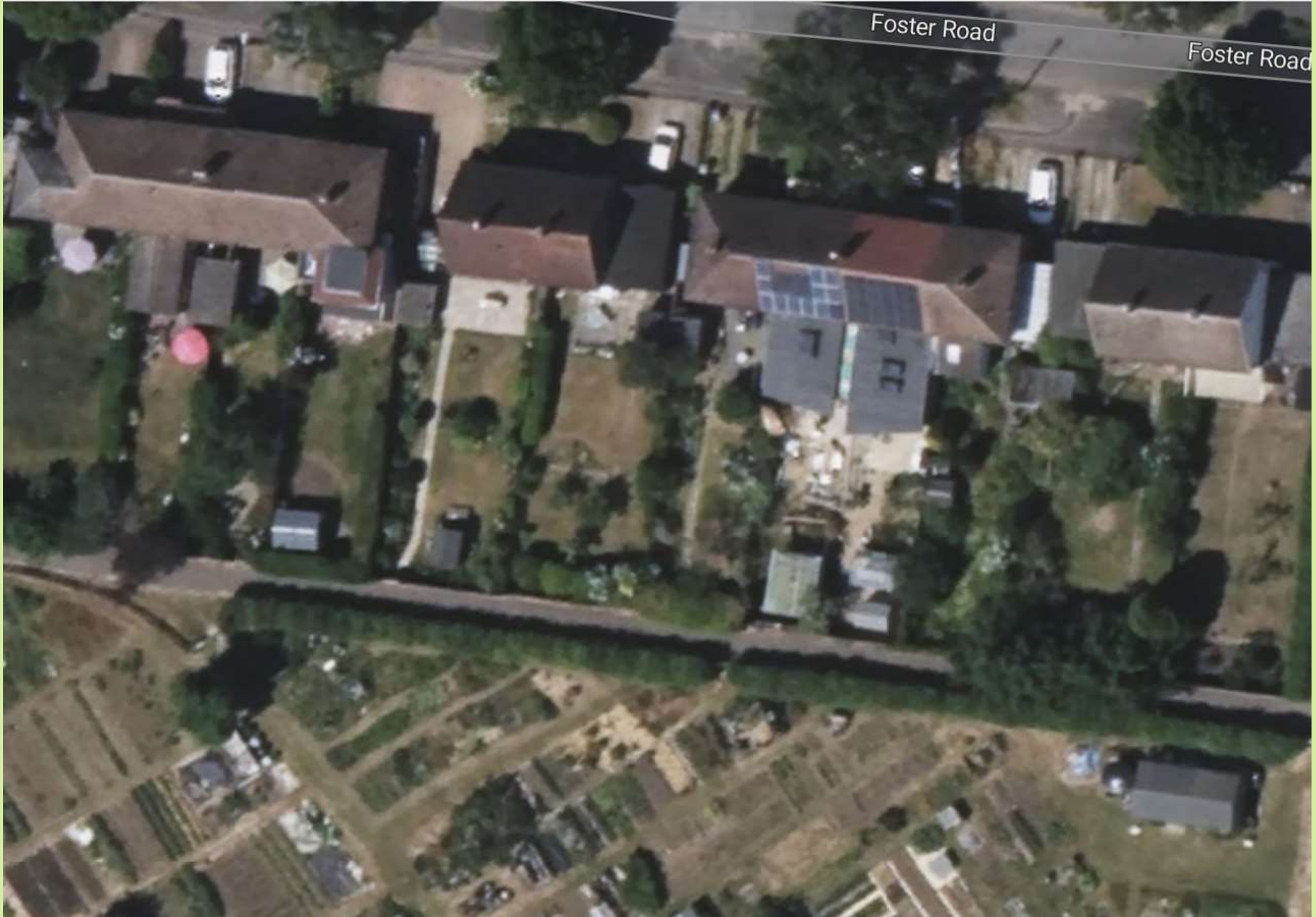
Design July 2018

Tender October 2021

Build January 2022 - April 2024

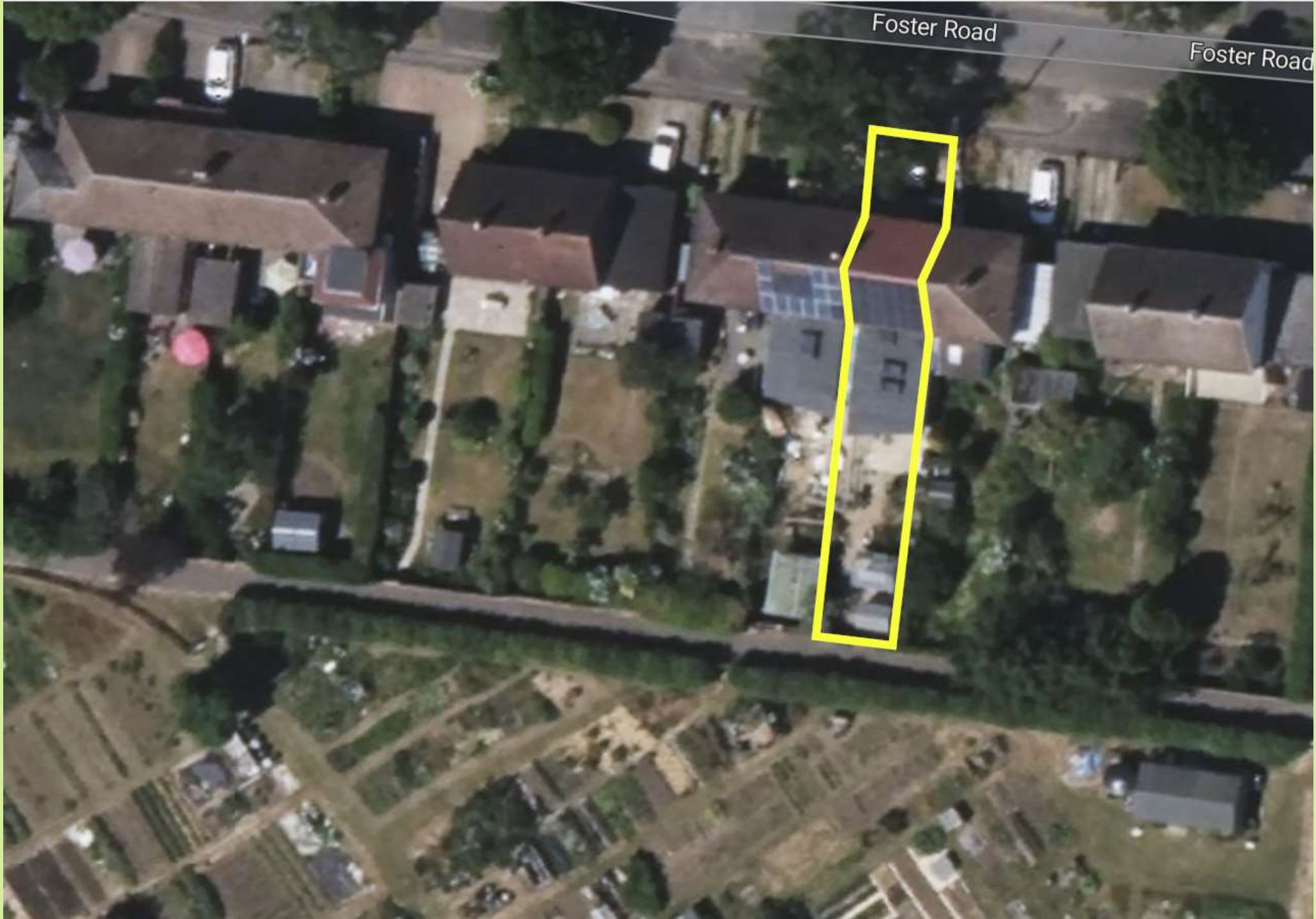
Foster Road

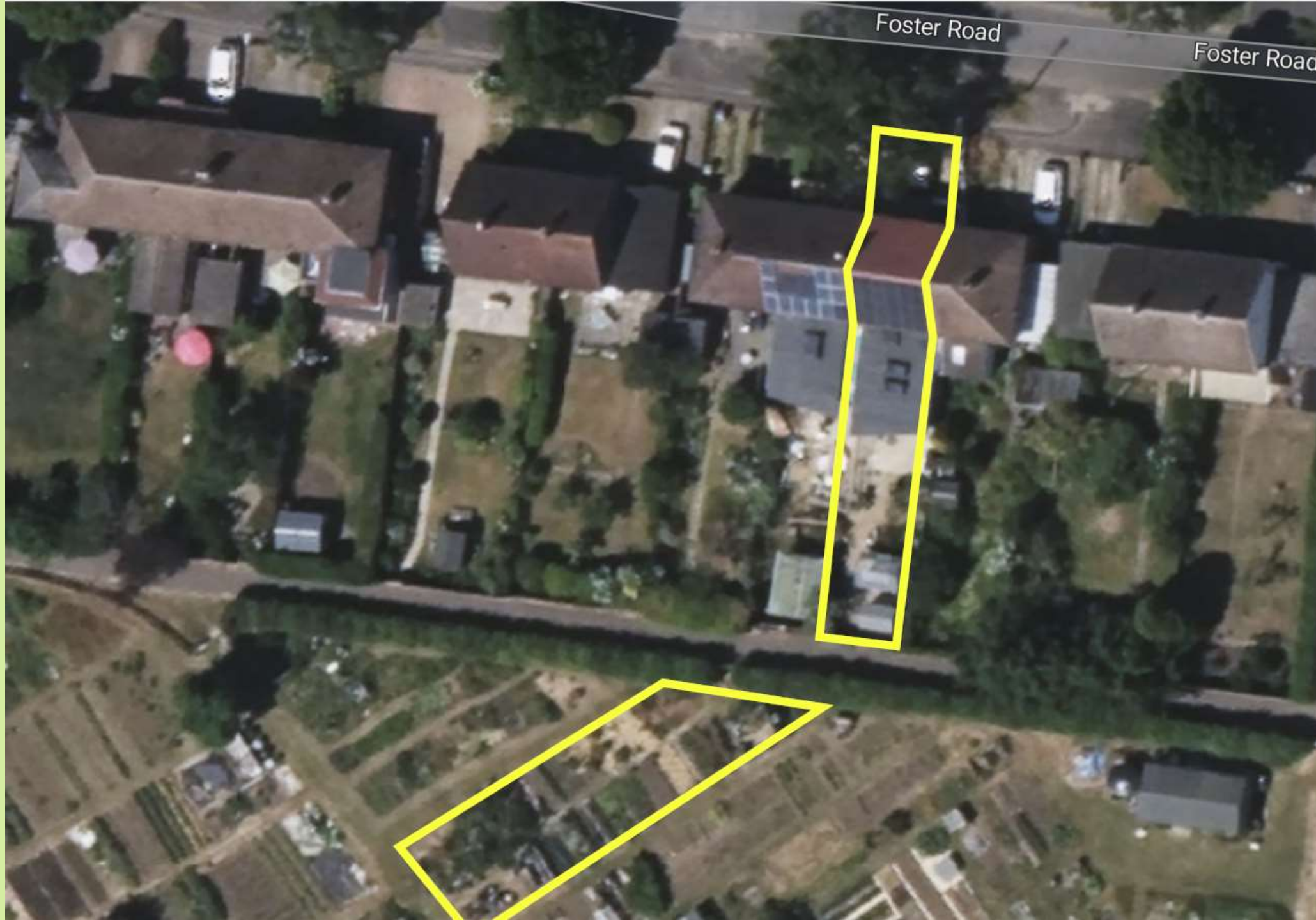
Foster Road



Foster Road

Foster Road











Bonded bead
installed 2009
& 2013



Fluffy stuff
installed
pre-2000













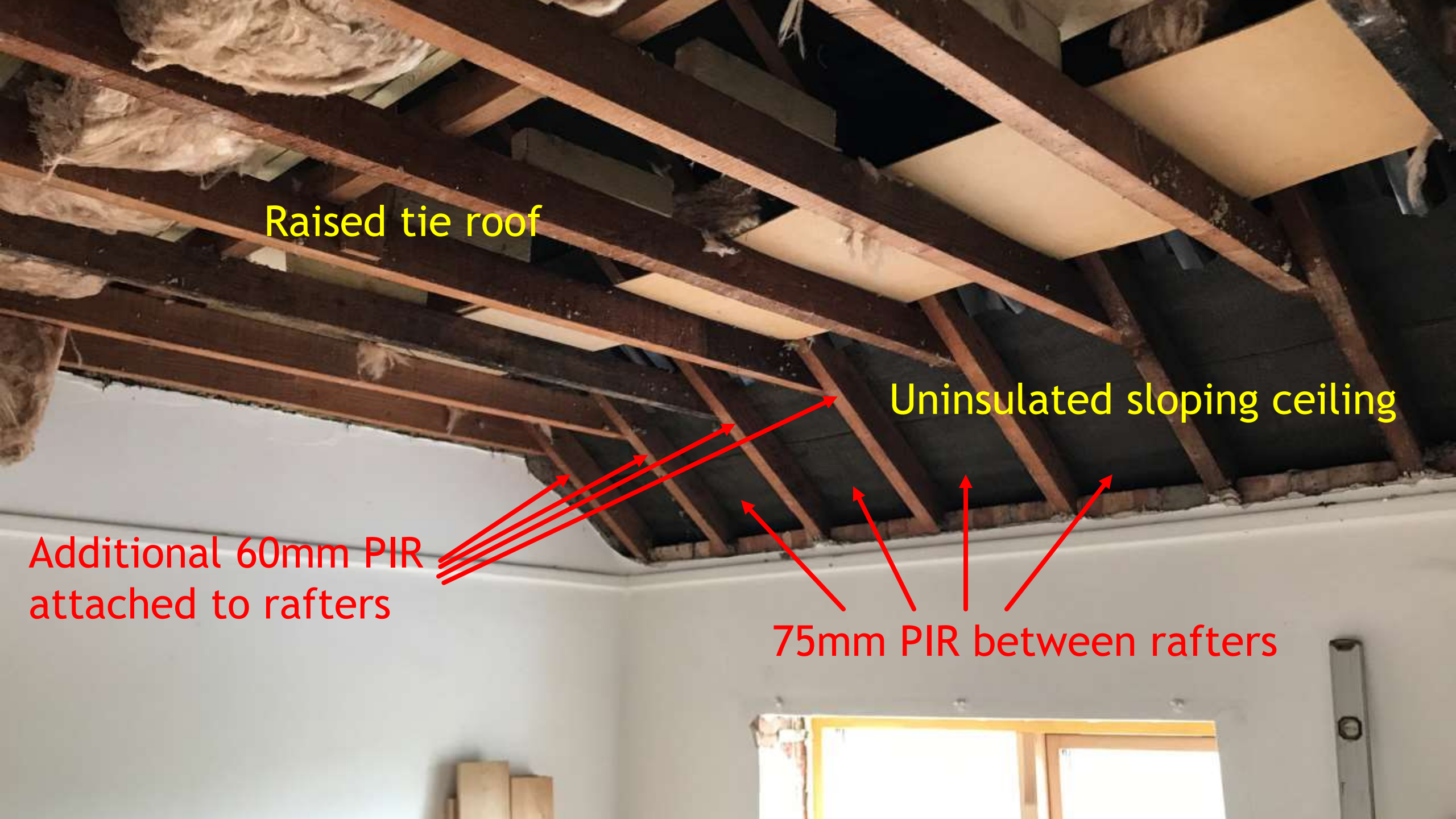


Raised tie roof

Uninsulated sloping ceiling

Additional 60mm PIR
attached to rafters

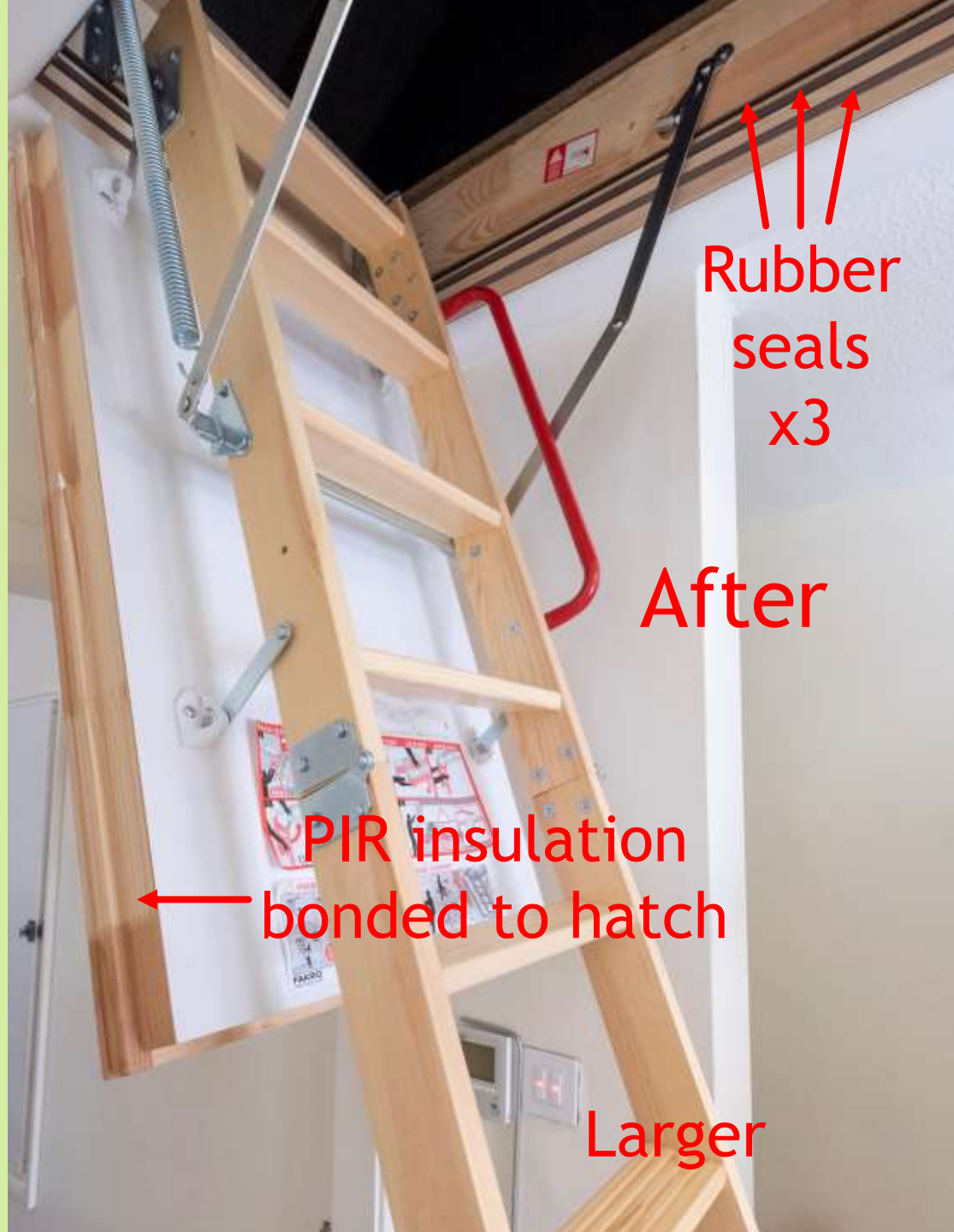
75mm PIR between rafters









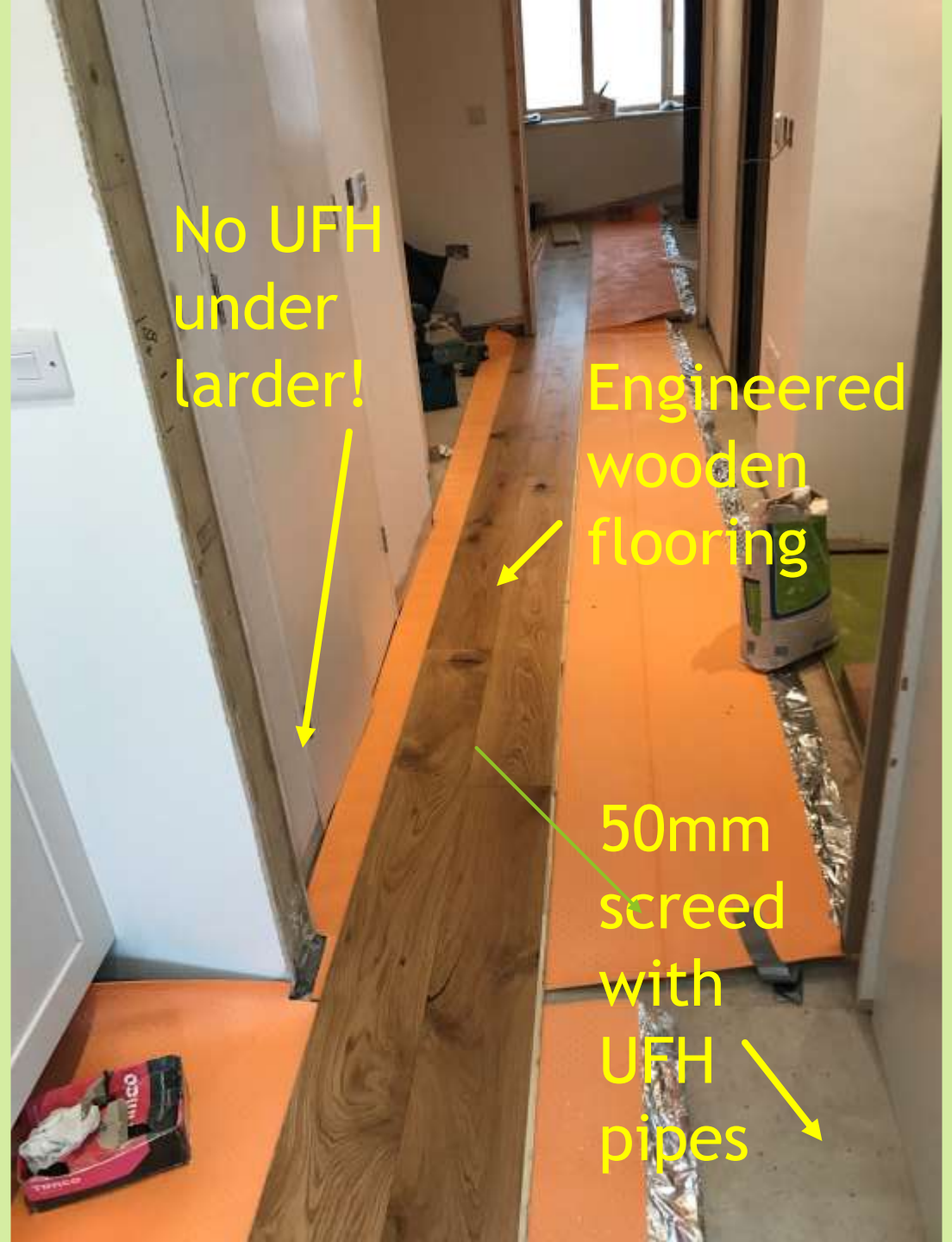




Removed suspended timber floor. New solid floor throughout with 150mm EPS insulation below UFH pipes.



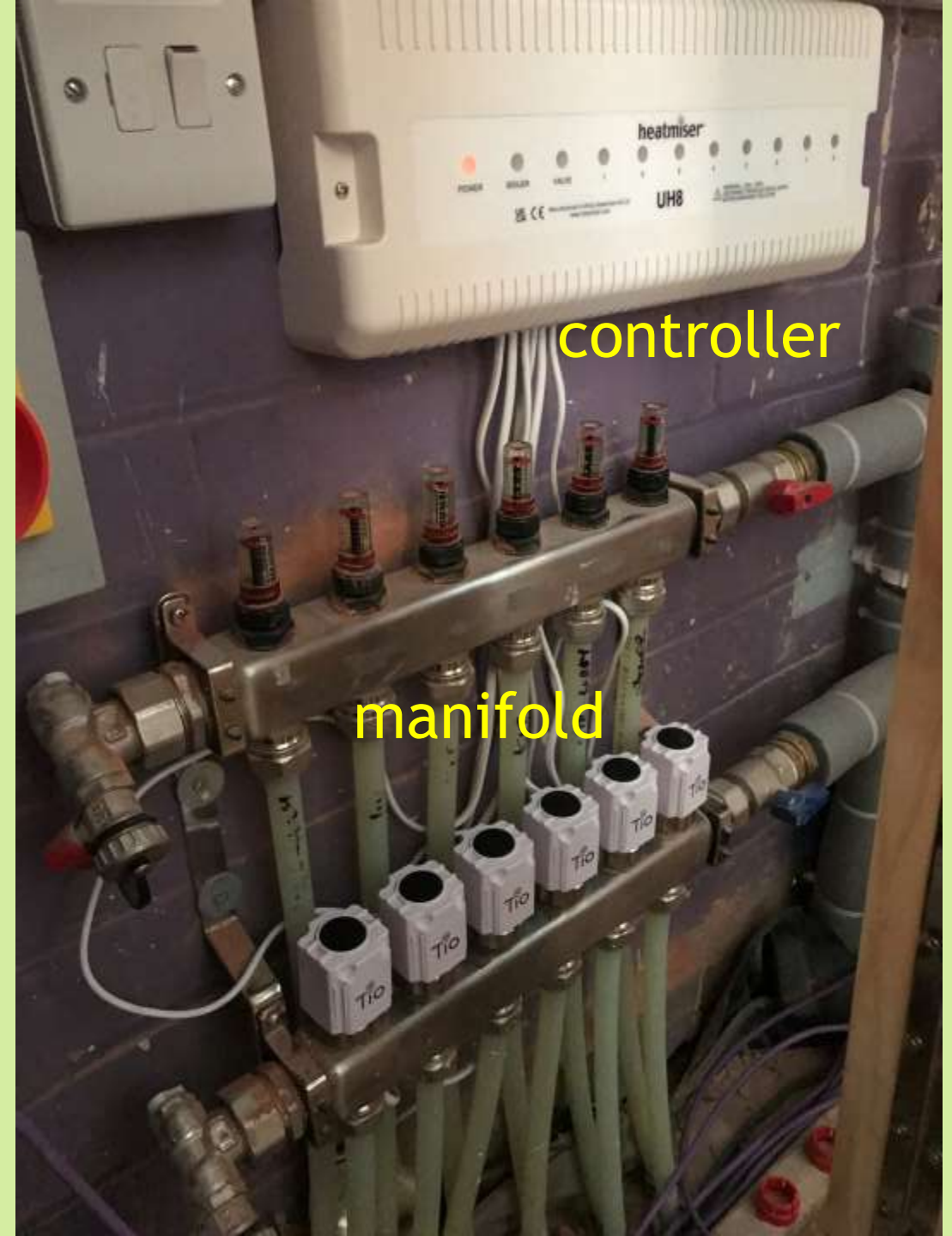
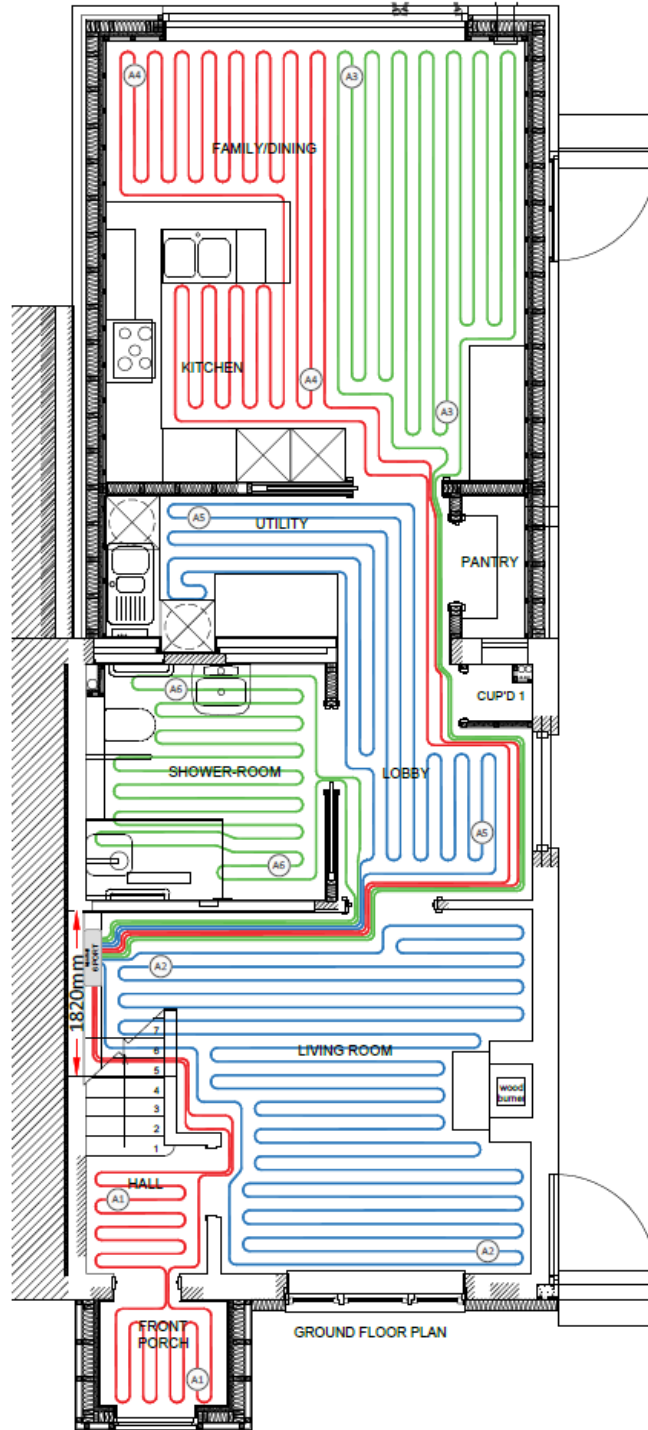
Ducts for
future
services

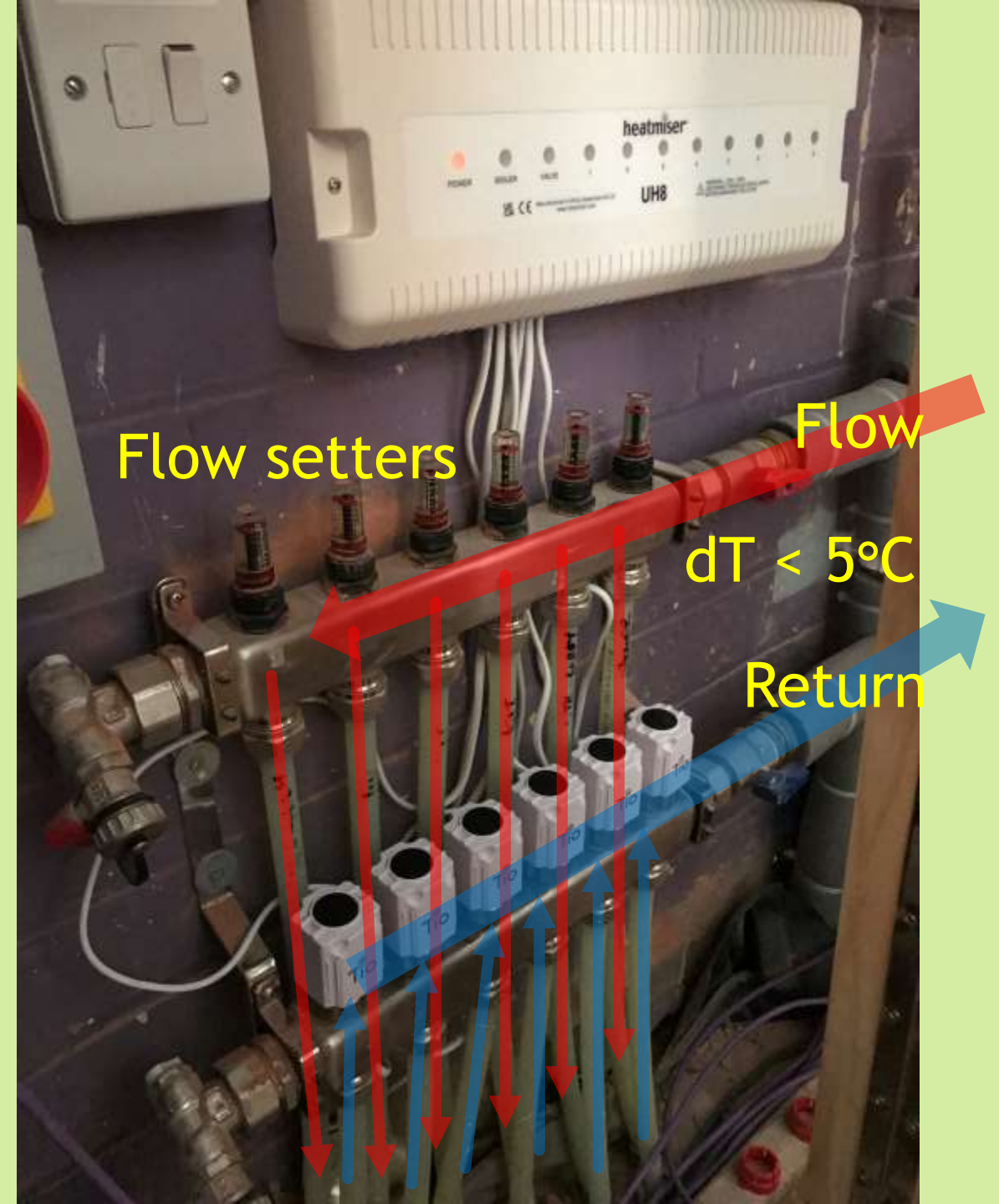
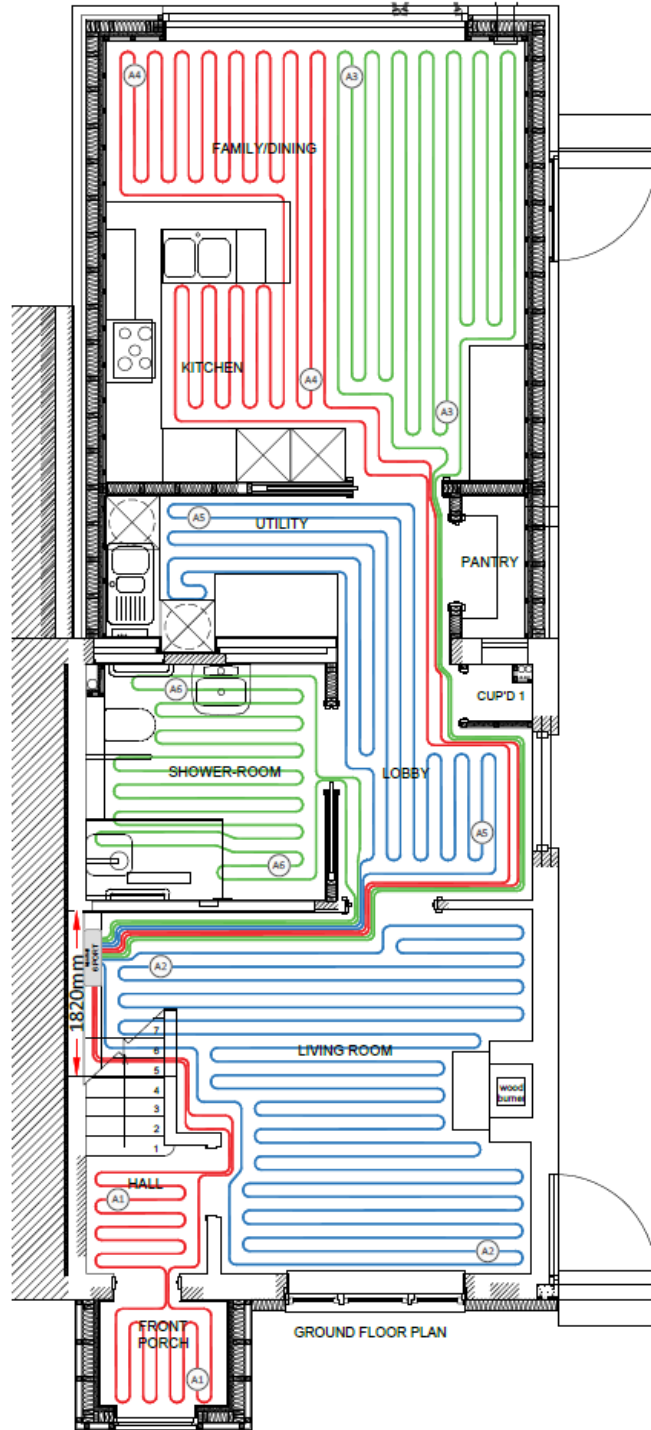


No UFH
under
larder!

Engineered
wooden
flooring

50mm
screed
with
UFH
pipes





















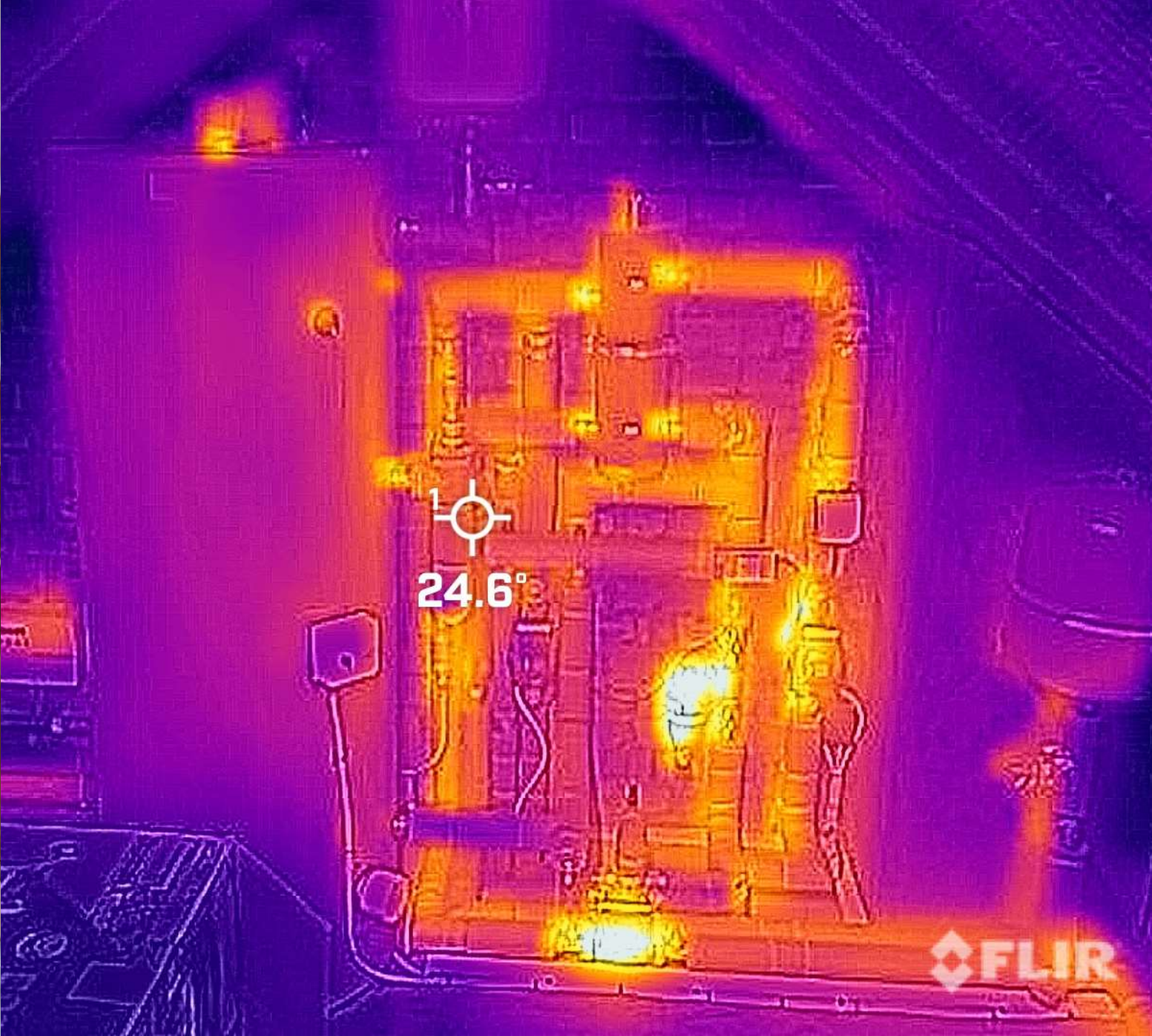
210L hot water tank

Inputs: ASHP, also solar PV via immersion heater controlled by iBoost

Heating and HW expansion vessels, filters, pumps

Video provided by EcoInstaller

Thermal image from [CCF's camera loan scheme](#)





Rainwater harvesting controller

100L header tank in loft with level sensor

3000L storage tank under patio

Submerged pump

Garden standpipes

Controller does automatic weekly flush with mains water

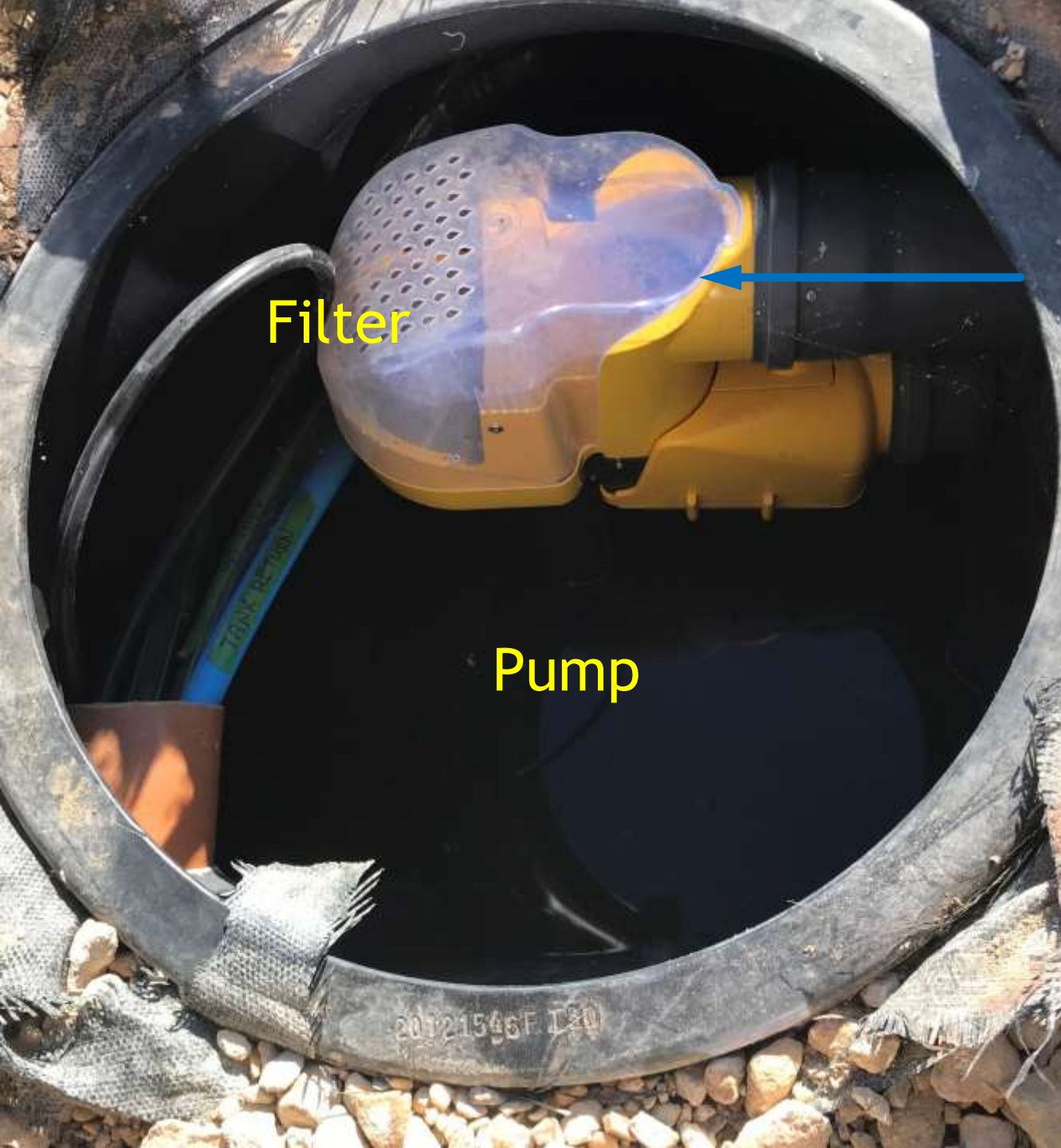






Buried storage
tank























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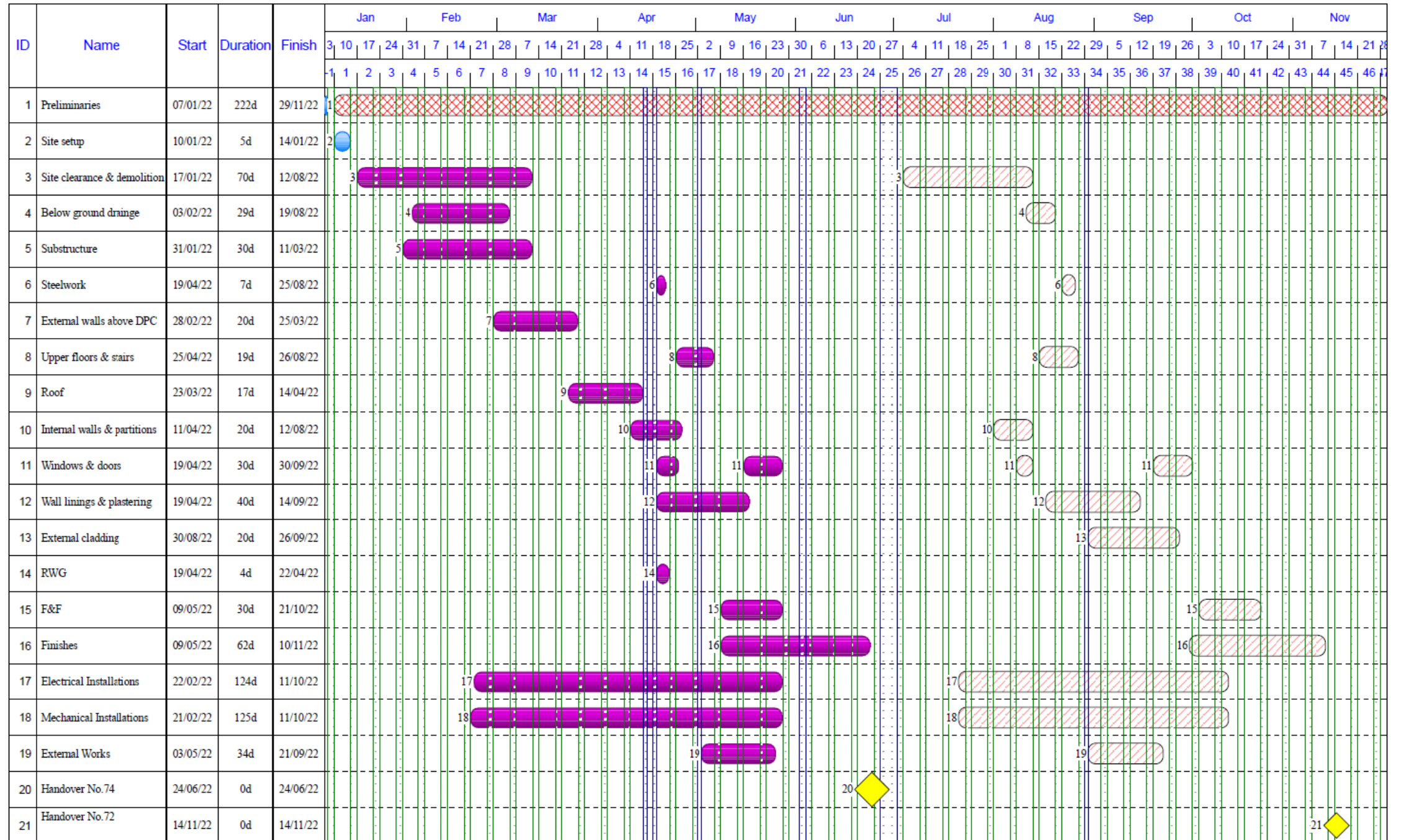


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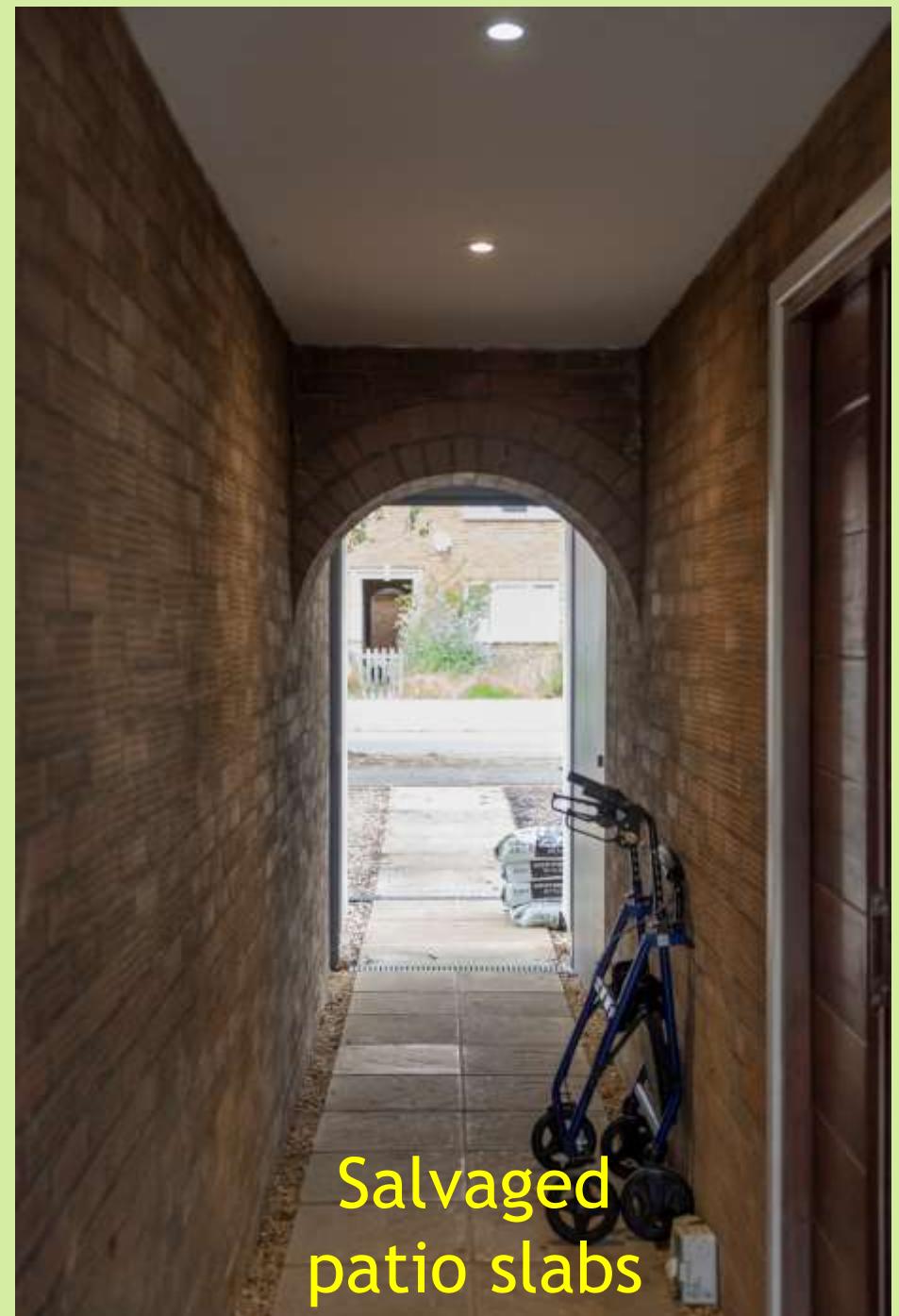
Outline Programme

07/01/22





Salvaged
kitchen
cabinets

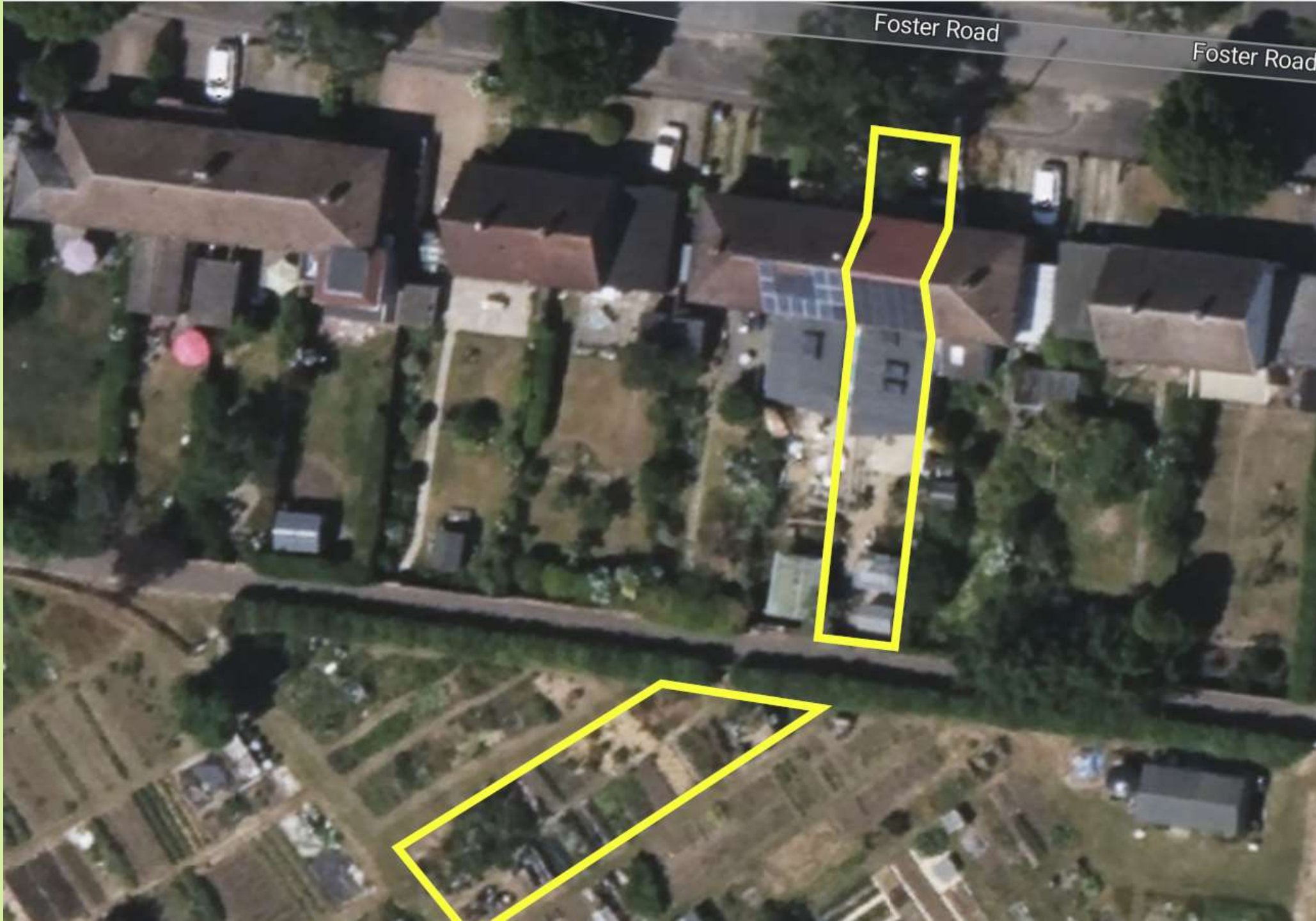


Salvaged
patio slabs











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Mole



INCLUME



Your next steps

- ↓ Find out how you can get started with your retrofit
- ↓ Book another tour or talk
- ↓ Research our past case studies
- ↓ Book a training session and borrow a thermal imaging camera
- ↓ Use Transition Cambridge's personalised home energy advice tool
- ↓ Please complete the event feedback at the end of this talk



Can you help us?

- Make a donation to help us run more Open Eco Homes tours:
cambridgecarbonfootprint.org/donate
- Share your experiences on social media: **#OEH2024**

Thank you for your support!

