

Camelford Court Roof Improvement Works



Date: Thursday 4th February
Time: 5:30pm - 6:30pm

Who we are...



Sunand Prasad
Project Principal and
Design Champion



Anna-Lisa Pollock
Project Lead



Emily Pang
Project Architect



Simon Dove
Technical Lead



George Williams
Architectural Assistant



Ian Hamilton
Senior Structural
Engineer



Jenny Chambers
Graduate Structural
Engineer

Why are we meeting...?

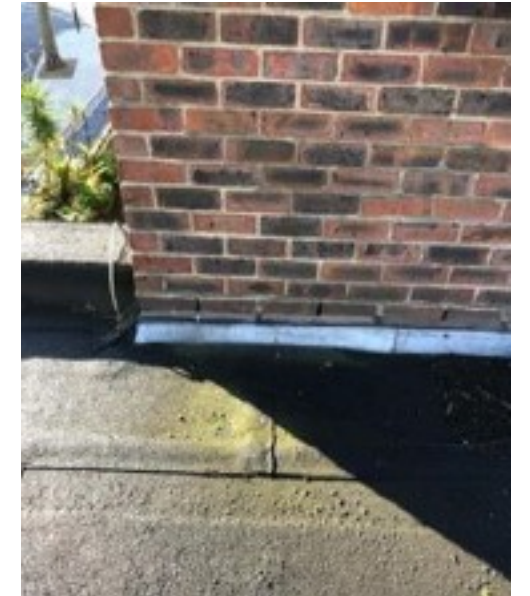
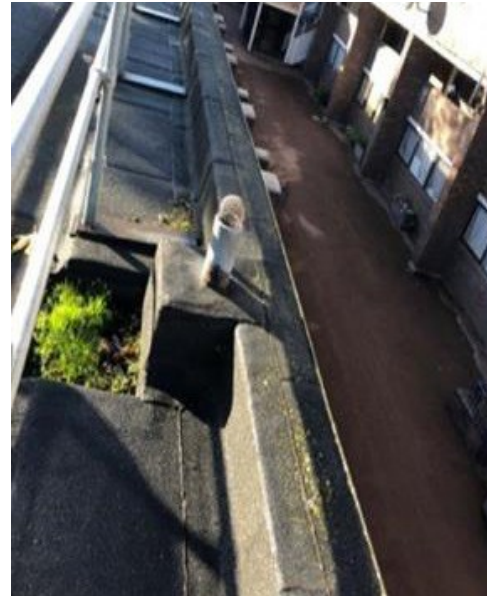
- Funding secured through 'Green Homes Grant' to start on roof improvement works first as part of estate-wide refurbishment.
- We've looked at the options available, and want to see what you think.



Why are we doing this?

Current roof has poor energy performance

- Camelford Court has poorest energy performance on the estate.
- There is currently not enough insulation in the roof to meet current and future thermal performance standards, meaning higher bills for residents.
- We have undertaken a roof survey and a number of defects have been identified that should be addressed.



Why are we doing this?

Benefits to residents

- Improving the thermal performance of the roof will help to keep energy inside your home, which will help to reduce your energy bills.
- Roof improvement works are the first step in the refurbishment of the block.
- The work will contribute to the aspiration for the estate to be net zero carbon by 2030.



Lower energy bills



Better thermal performance



Lower carbon footprint



Better construction quality

What would we like to do...?

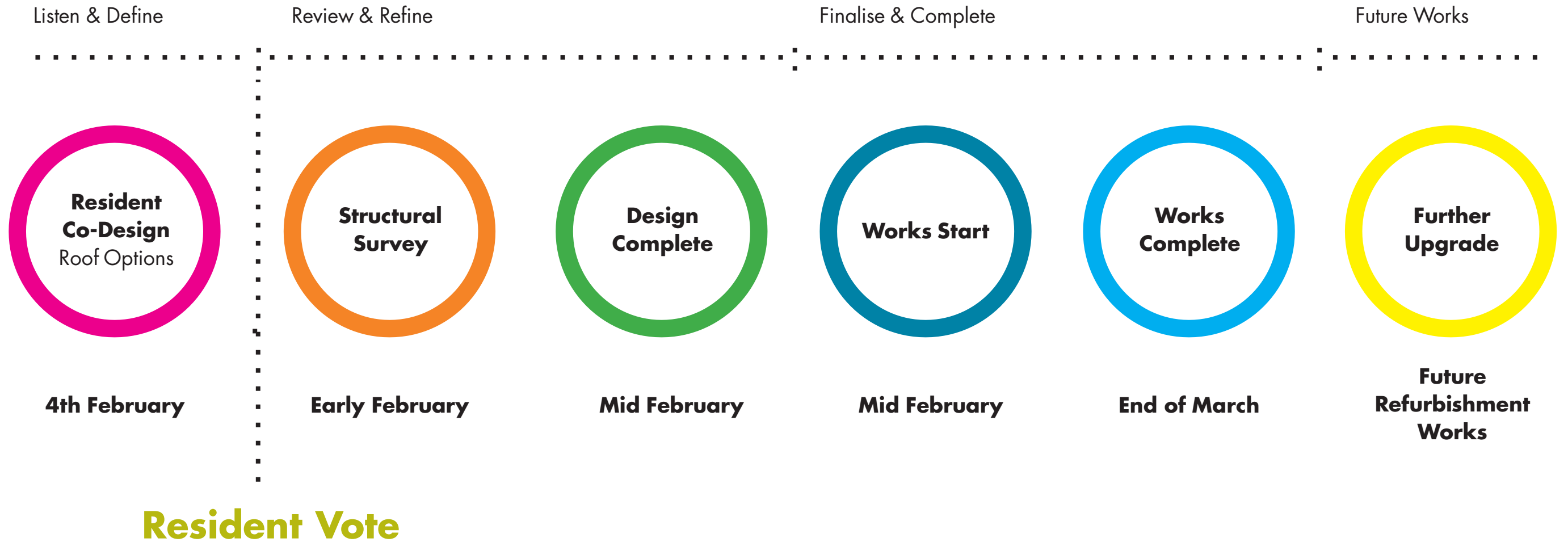
Objectives

- Improve the thermal performance of the roof
- Add A1 non-combustible mineral wool insulation and a new roof covering
- Improve the visual appearance of the roof
- Explore the potential to increase biodiversity and address air pollution
- Explore the potential to generate electricity for the block and reduce resident bills



Current: $0.28\text{W}/\text{m}^2\text{K}$
Regulation: $0.18\text{W}/\text{m}^2\text{K}$
Proposed: $0.10\text{W}/\text{m}^2\text{K}$

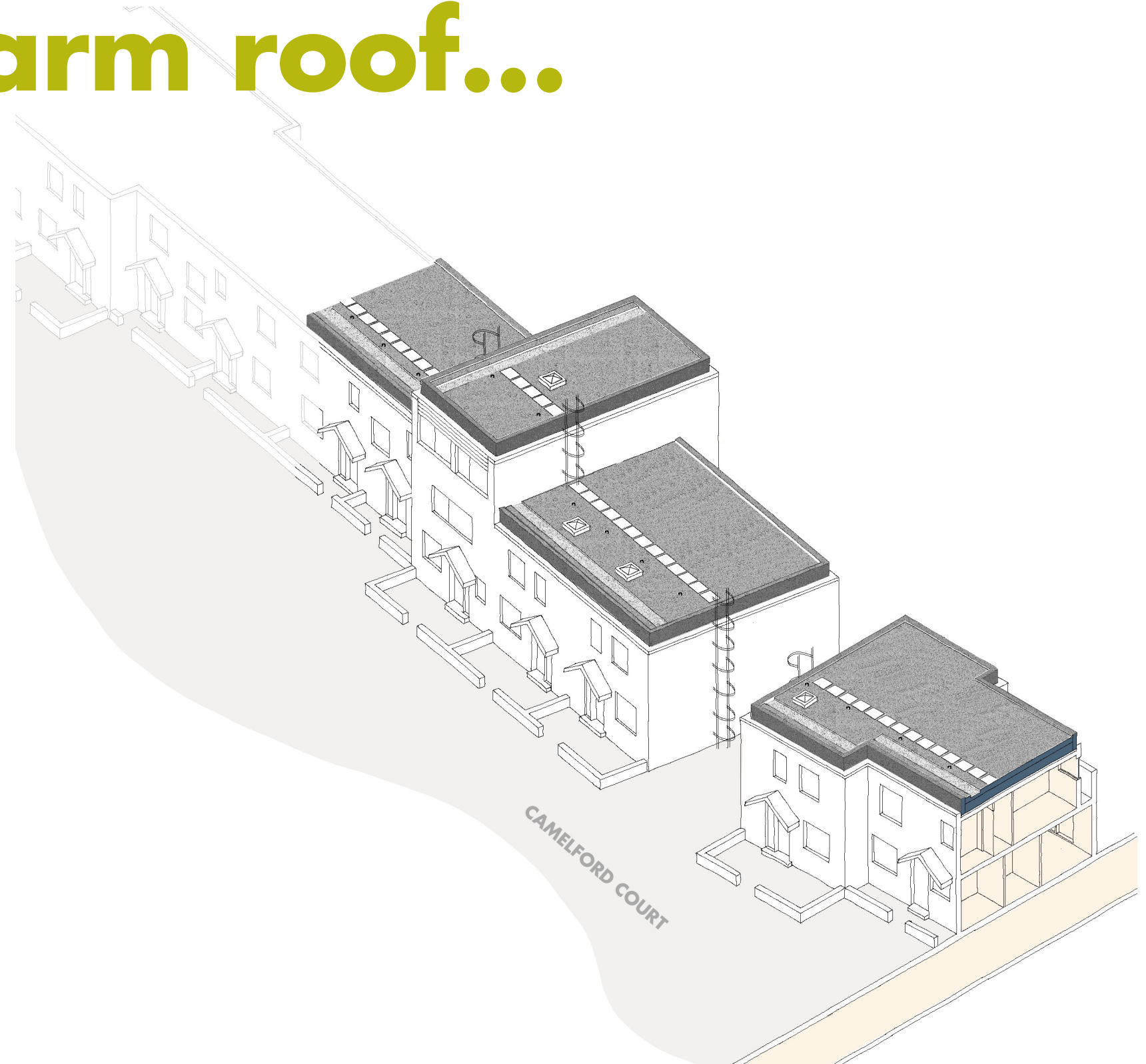
The timeline...



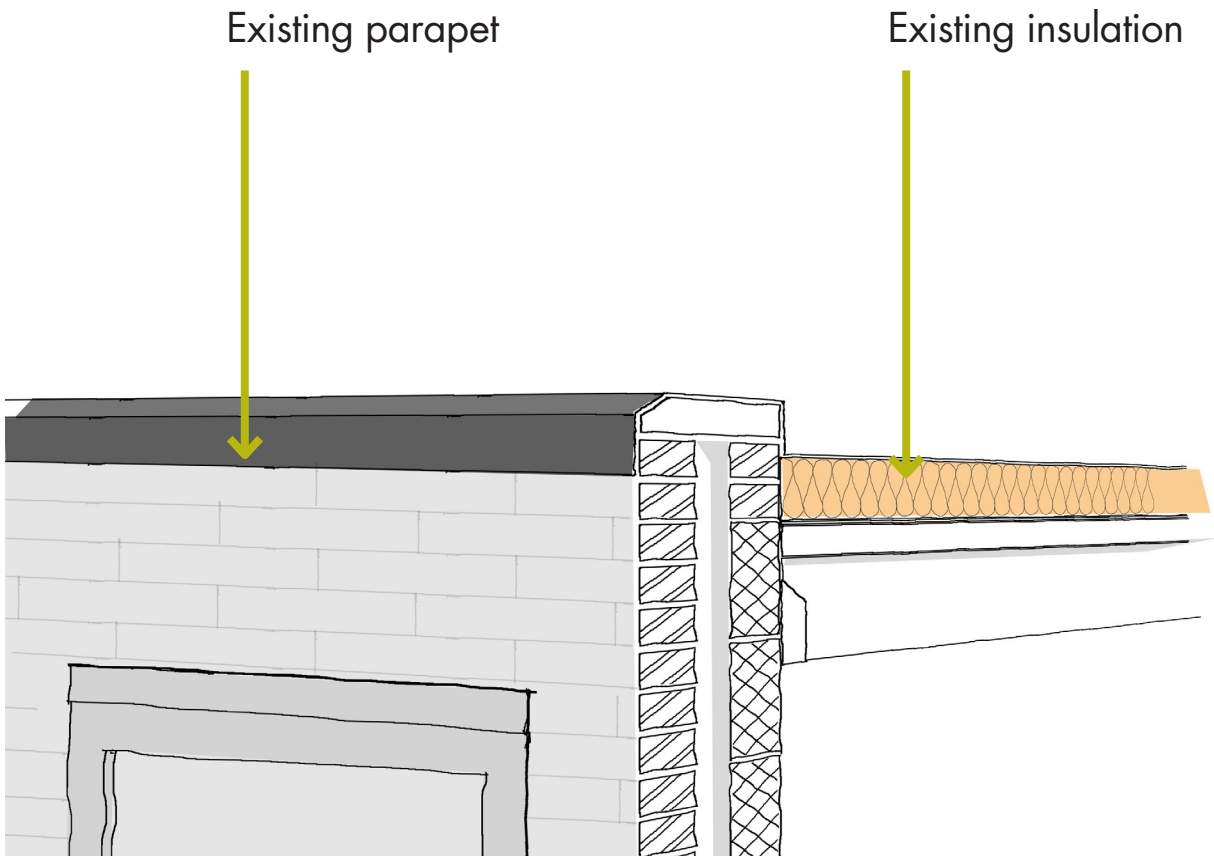
Option 01 - Warm roof...

Key Points

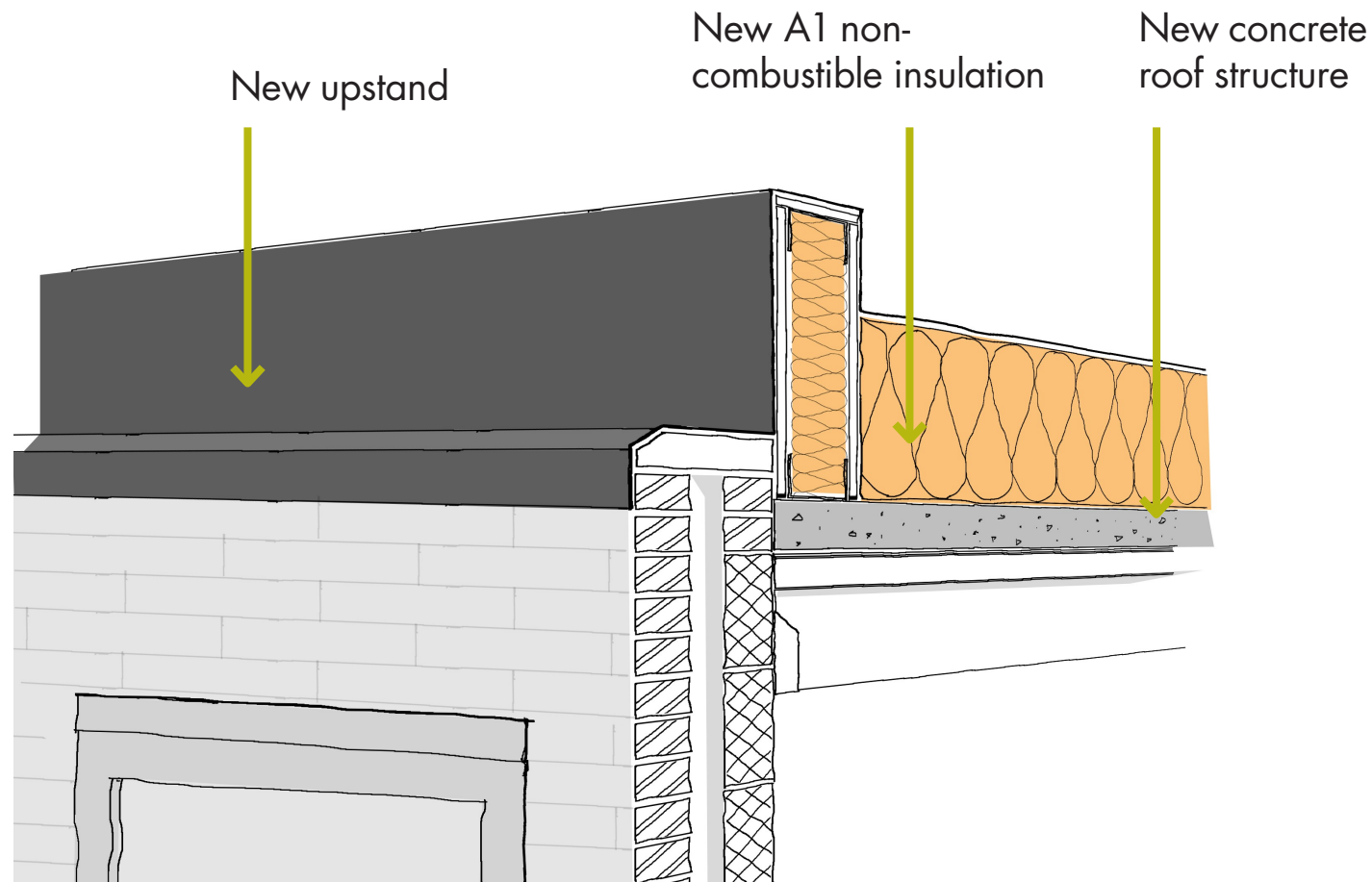
- A straight-forward upgrade to bring the thermal performance up to, and surpassing, current standards.
- Future-proofing for zero-carbon
- Similar to what's there already



Option 01 - Warm roof...



Existing Roof
10cm insulation



Proposed Roof
37cm insulation + insulated upstand

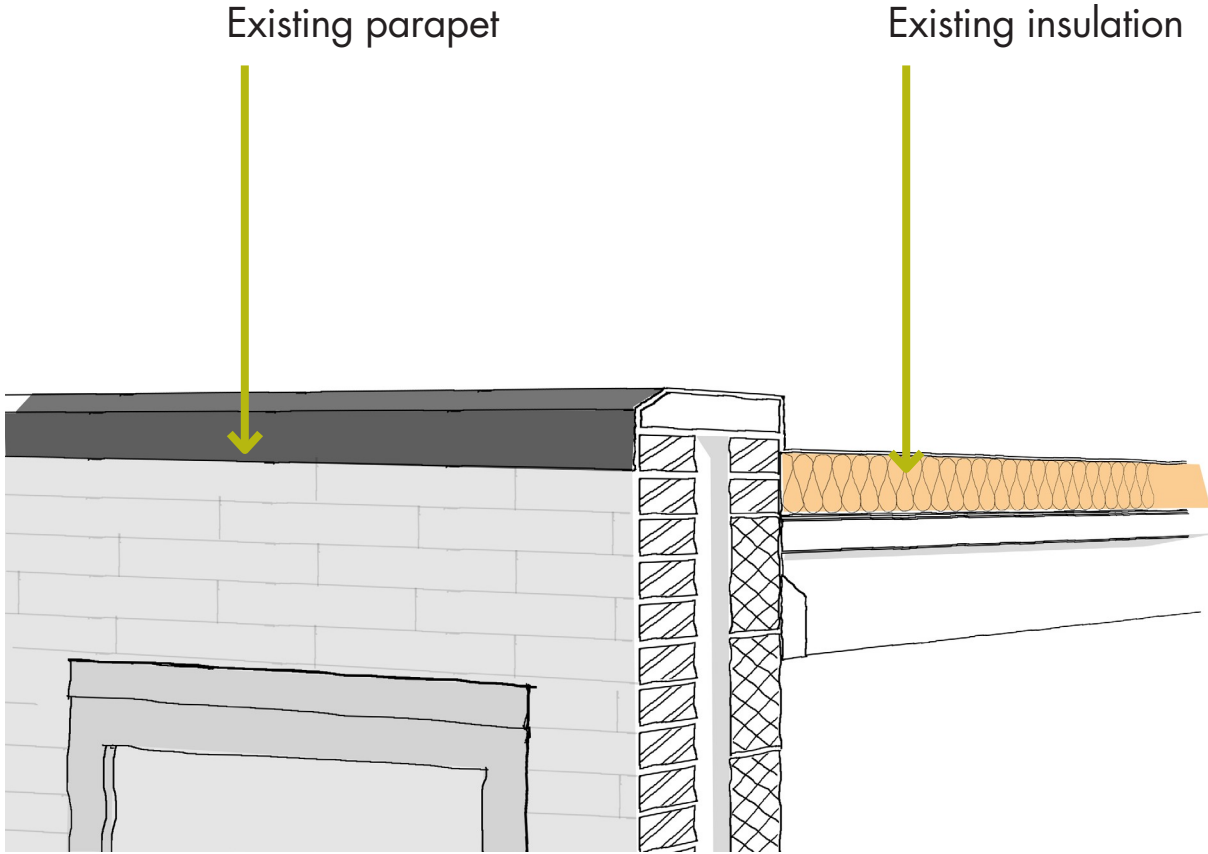
Option 02 - Green roof...

Key Points

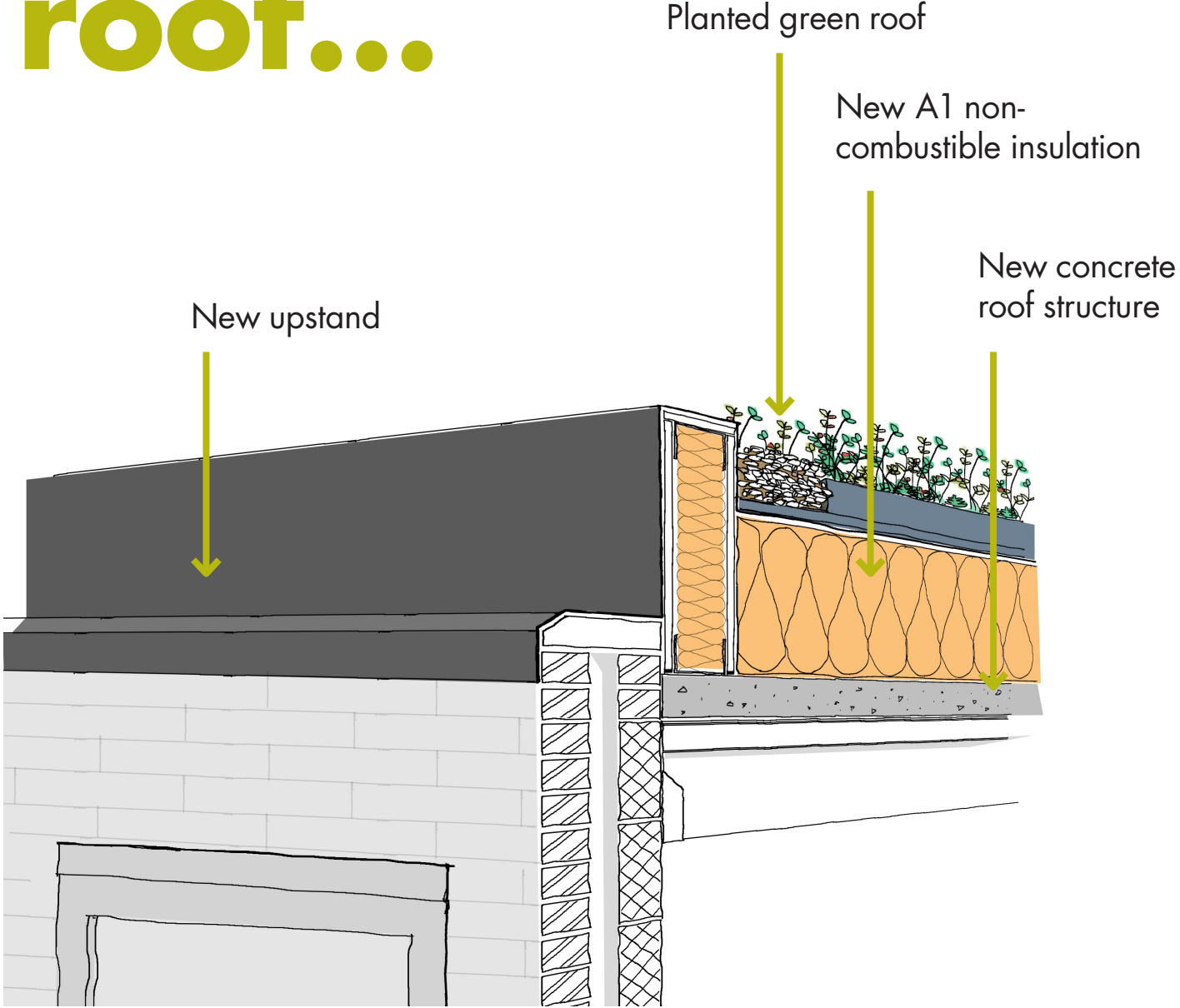
- Visually more attractive
- Supports increased biodiversity & counters air pollution
- Acts as a heat sink that keeps hold of heat for longer
- May act as further sound insulation
- Could be sedum or wildflower



Option 02 - Green roof...



Existing Roof
10cm insulation

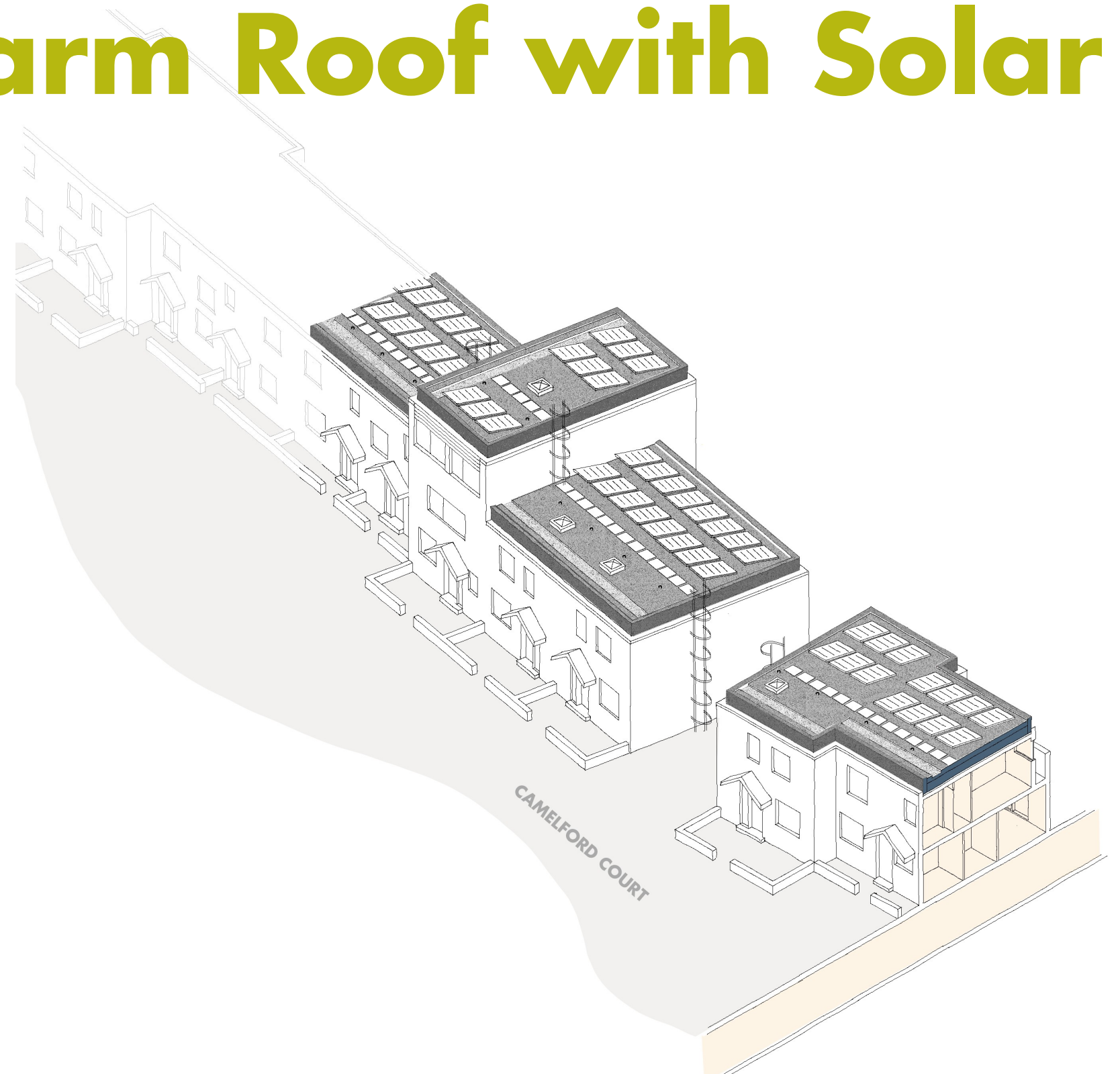
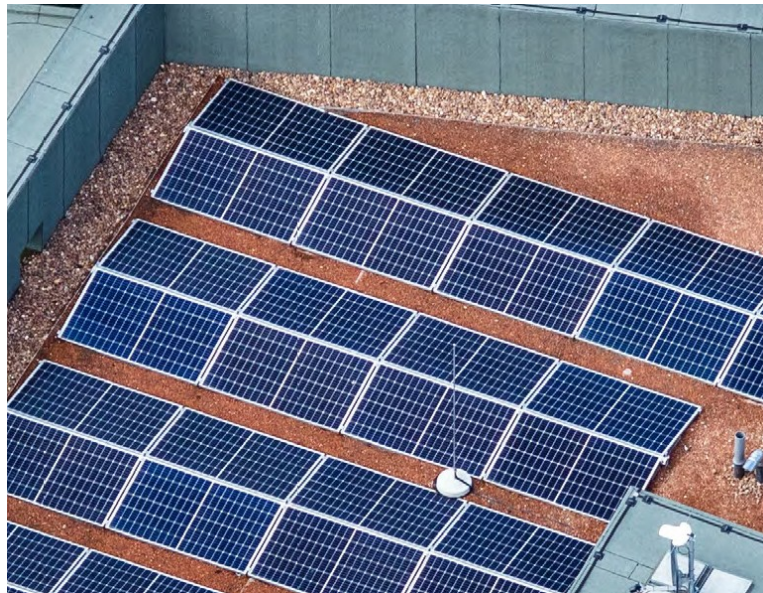


Proposed Roof
37cm insulation + insulated upstand
Planting on the roof

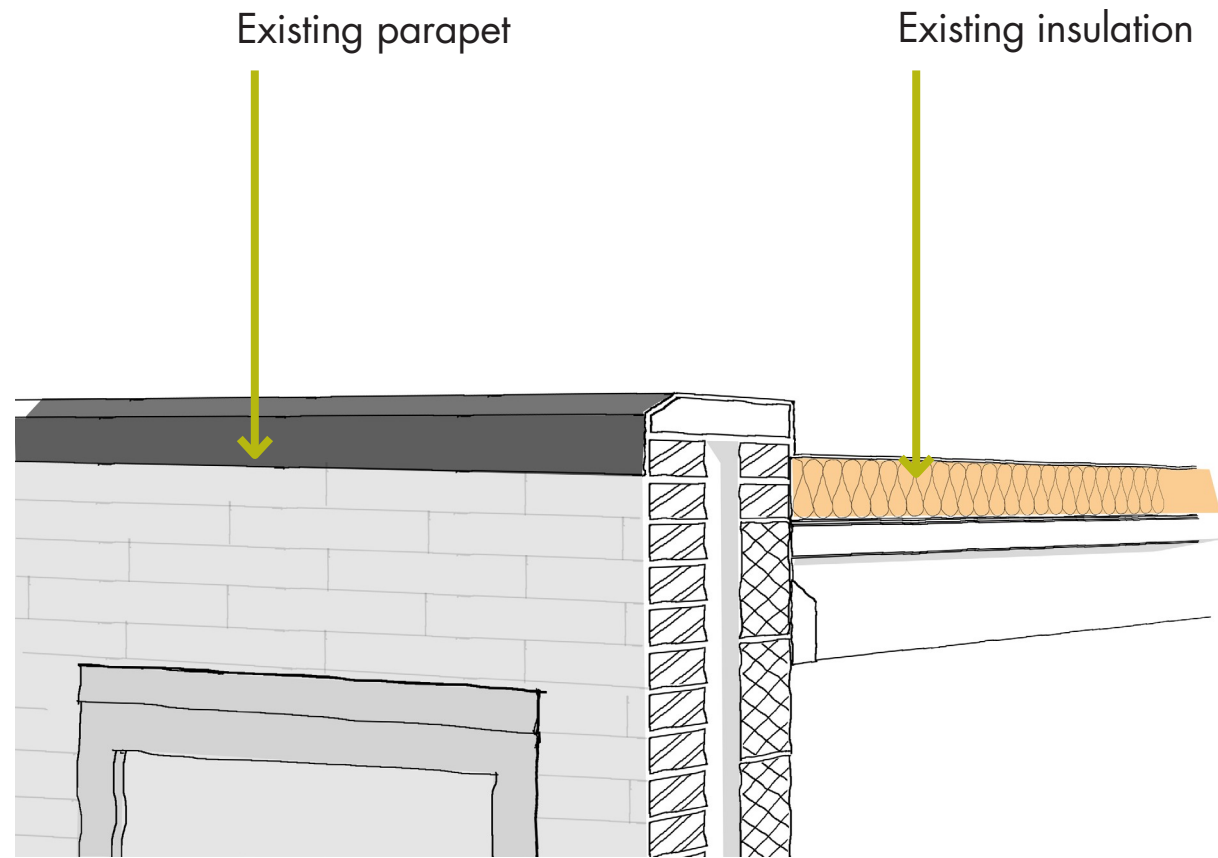
Option 03 - Warm Roof with Solar Panels...

Key Points

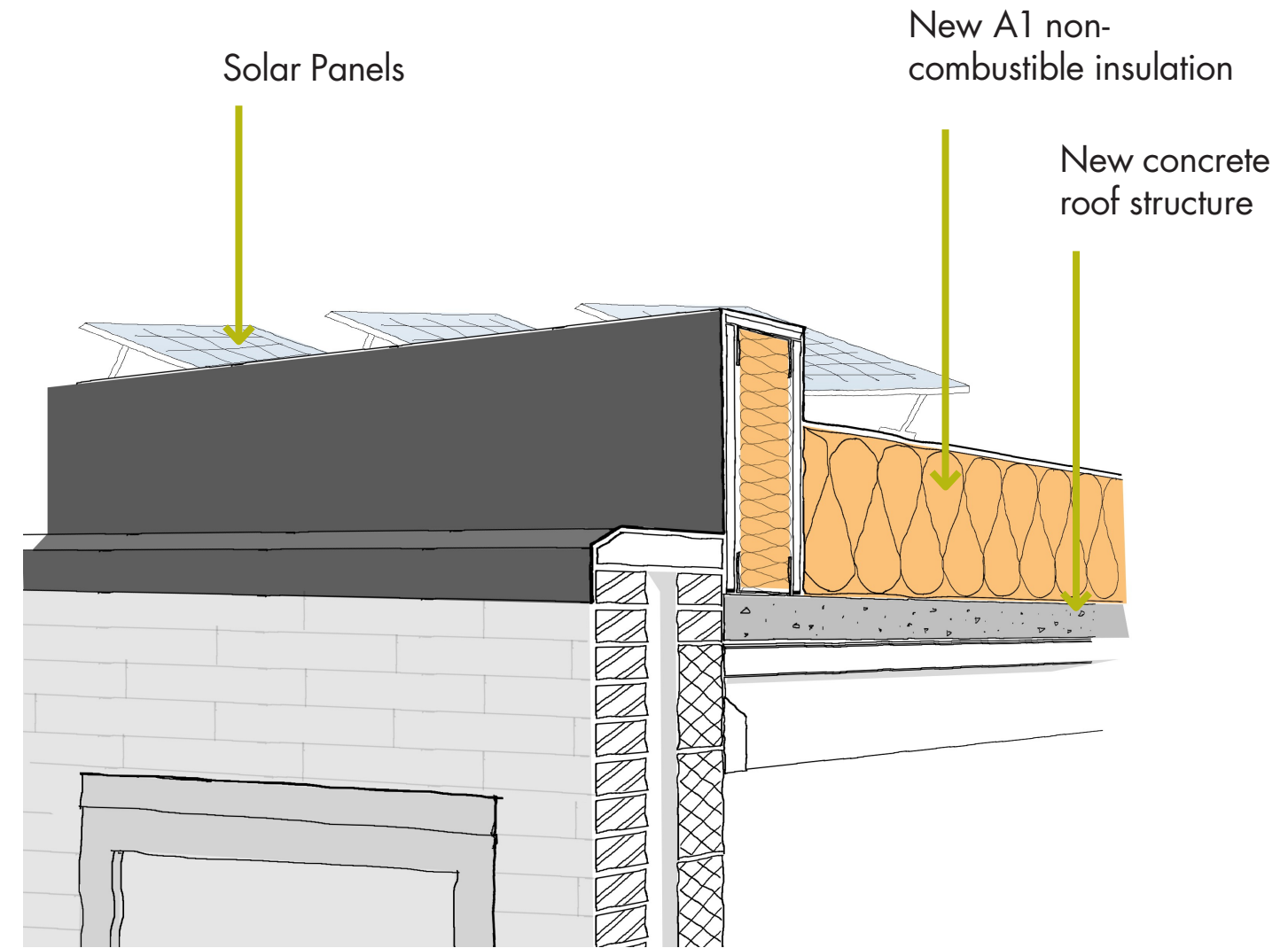
- Clean source of energy to power homes
- Moving towards a zero-carbon future
- Roughly 50% of a typical flat's annual energy consumption could be provided by the solar panels



Option 03 - Warm Roof with Solar Panels...



Existing Roof
10cm insulation

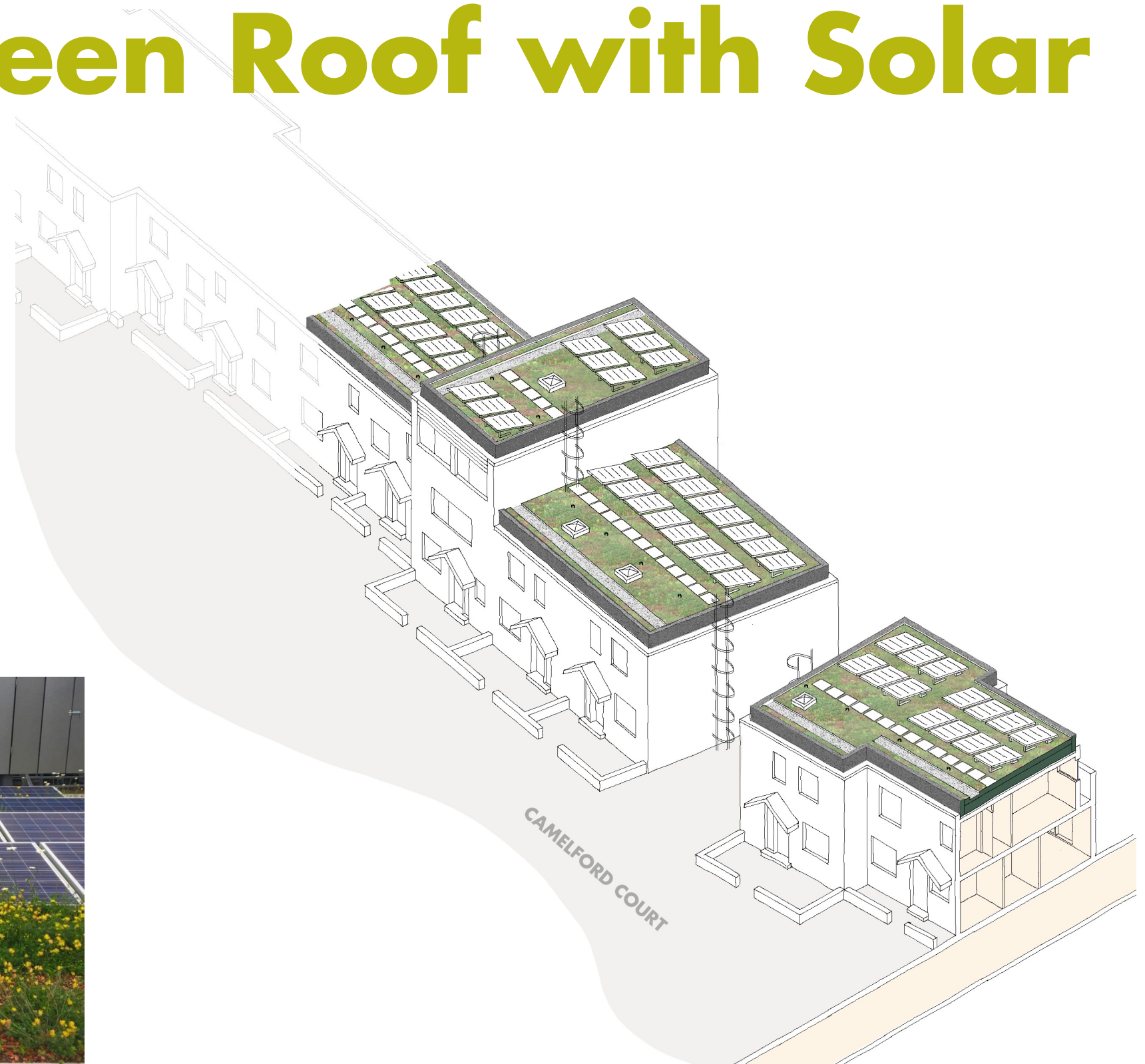


Proposed Roof
37cm insulation + insulated upstand
Solar panels on roof

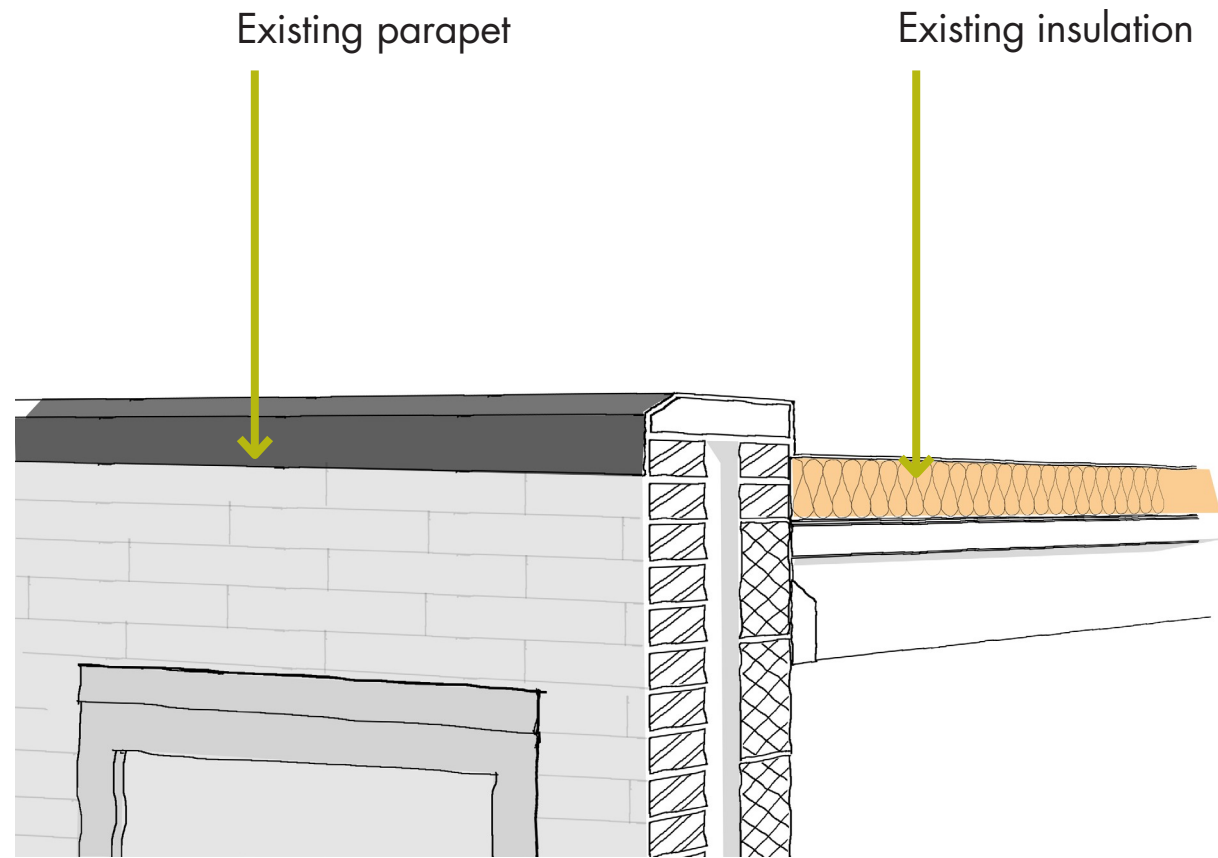
Option 04 - Green Roof with Solar Panels...

Key Points

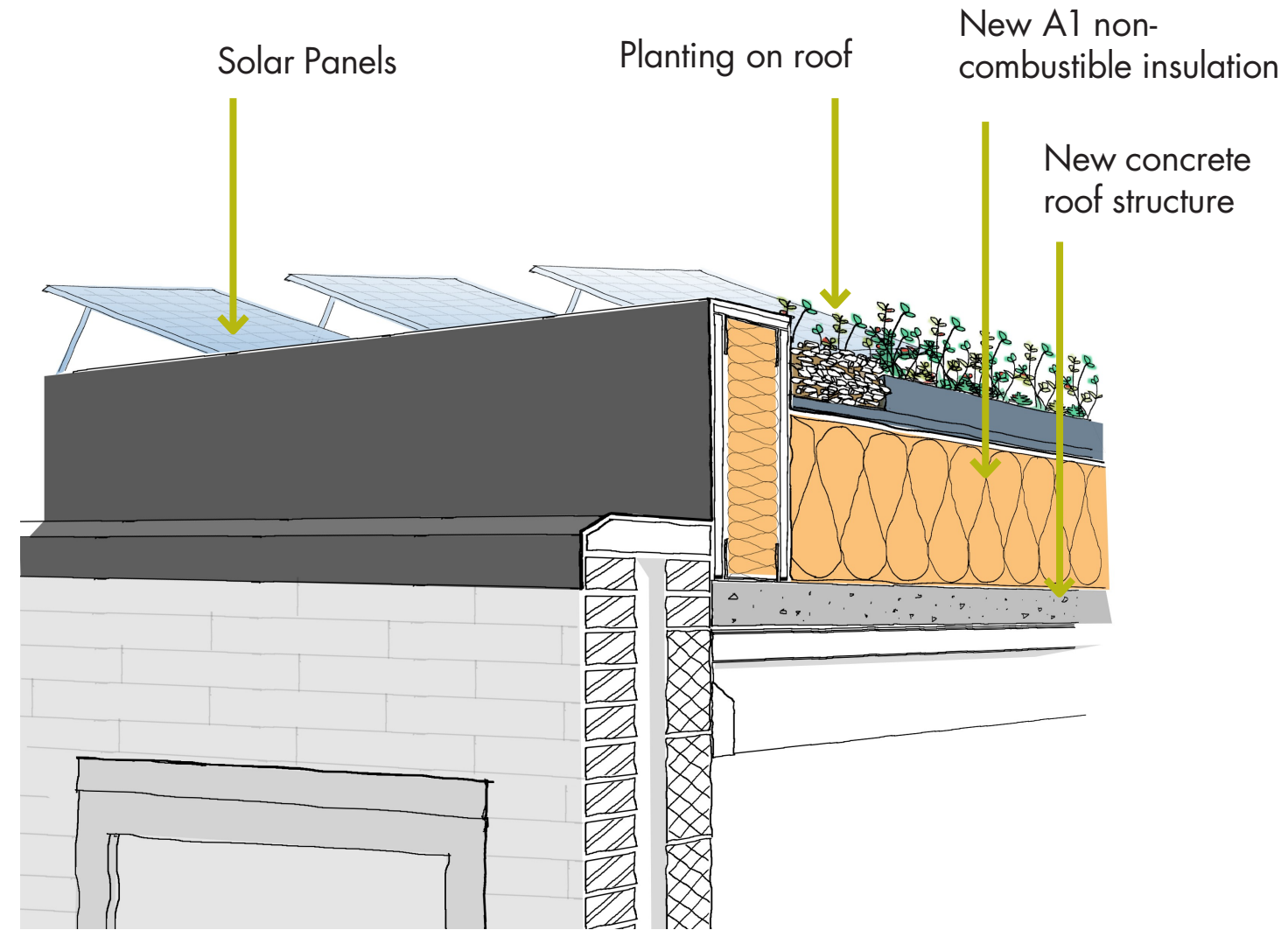
- Clean source of energy to power homes
- Moving towards a zero-carbon future
- And still encouraging biodiversity through the green roof
- May not be able to have as extensive planting as just a green roof



Option 04 - Green Roof with Solar Panels...



Existing Roof
10cm insulation



Proposed Roof
37cm insulation + insulated upstand
Planting on the roof

Replace the handrails...



From this...

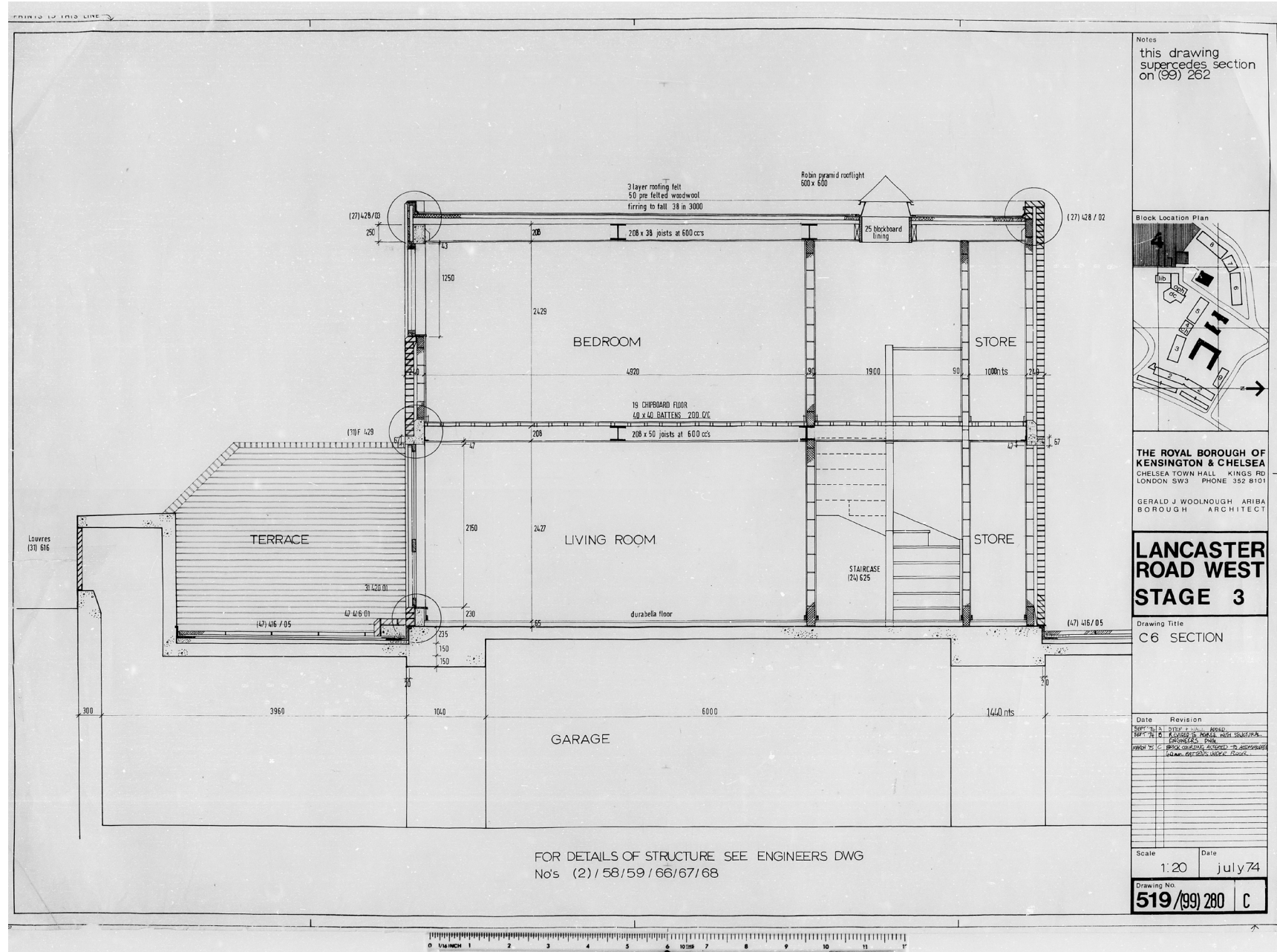
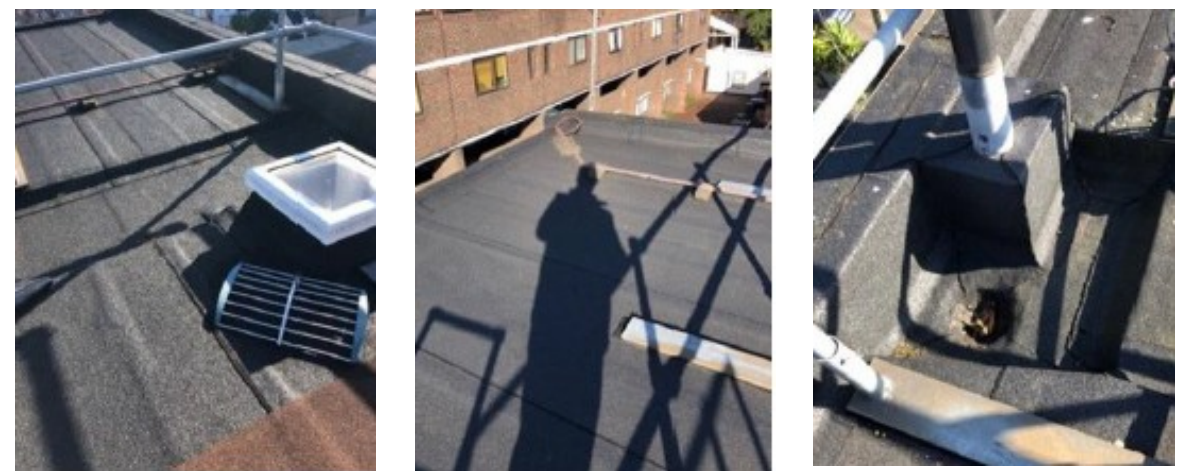


To this.

But we need your help...

Why?

- None of this can happen without a structural survey first.
- We have solutions for different scenarios but cannot apply them before we know for sure what is there.
- To do the structural survey, we need to open up the ceiling to see the roof structure from below.



Notes
this drawing
supersedes section
on (99) 262

Block Location Plan

THE ROYAL BOROUGH OF
KENSINGTON & CHELSEA
CHELSEA TOWN HALL, KINGS RD
LONDON SW3 PHONE 352 8101

GERALD J WOOLNOUGH ARIBA
BOROUGH ARCHITECT

**LANCASTER
ROAD WEST
STAGE 3**

Drawing Title
C6 SECTION

Date	Revision
1974	1
1974	2
1974	3
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Scale 1:20 Date july 74

Drawing No. **519/99) 280 C**

Any questions...?

Please let us know if you have any questions or thoughts.

- What do you think of the proposals?
- Do you have any questions for us?
- Do you have any concerns with regards to the work?
- Would you be able to allow access for our surveyor to complete the structural survey?

We will be collating resident feedback to share after the meeting.

Give us your vote!

Each household will have a chance to vote on the proposals.

You will be asked to rank the following 4 options in order of preference:

- Option 01: Warm Roof
- Option 02: Green Roof
- Option 03: Warm Roof and Solar Panels
- Option 04: Green Roof and Solar Panels

Please note all options are subject to the results of the structural survey.

There will be a number of ways to cast your vote:

- Online
- By Post
-



Details will follow via a letter and voting form through your door to explain the process.

And if you have any more questions before making a choice, just contact the Lancaster West Neighbourhood Team

Telephone 0800 389 2005

Email: lancasterwestoffice@rbkc.gov.uk

Camelford Court Block Reps...

We are looking for volunteers to be Block Representatives for Camelford Court.

A Block Rep will be able to help facilitate information to residents to ensure as many people as possible can have their view represented during the Lancaster West Refurbishment.

Anyone interested to learn more please contact:

elisabeth.lambrou@rbkc.gov.uk or
Heaven.Michael@rbkc.gov.uk

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