

THE SOCIAL CONTACT POD

SCOTT BROWNRIGG⁺

HOARE LEA (H.L.)

RAMBOLL



THE SOCIAL CONTACT POD

The most vulnerable in our society have the greatest need to be protected from the Covid-19 virus, but, they are being isolated from friends and family across the country in care homes, hospices and rehabilitation centres, to protect them from contamination.

The Social Contact Pod is the solution:

- Allowing families to spend valuable time with loved ones without risk of contamination.
- Constructed from sustainable low cost CLT panels, it is lightweight and can rapidly constructed.
- Easily transported on the back of a standard truck or pulled as a trailer there are no limits to its use.
- At the entrance to a Care home, it can be dropped in a carpark or garden for immediate use.

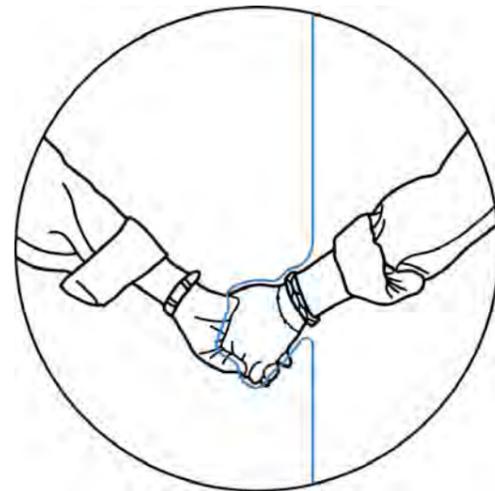




cross section



long section



plastic membrane allows 'physical' contact



plan

“The Social Contact Pod recognises the desperate need for people to maintain contact with their loved ones despite the virus, and bring back the connection that has been so swiftly cut out of our lives.”

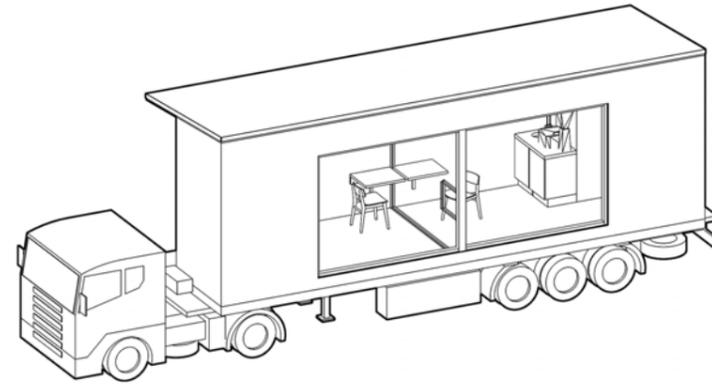
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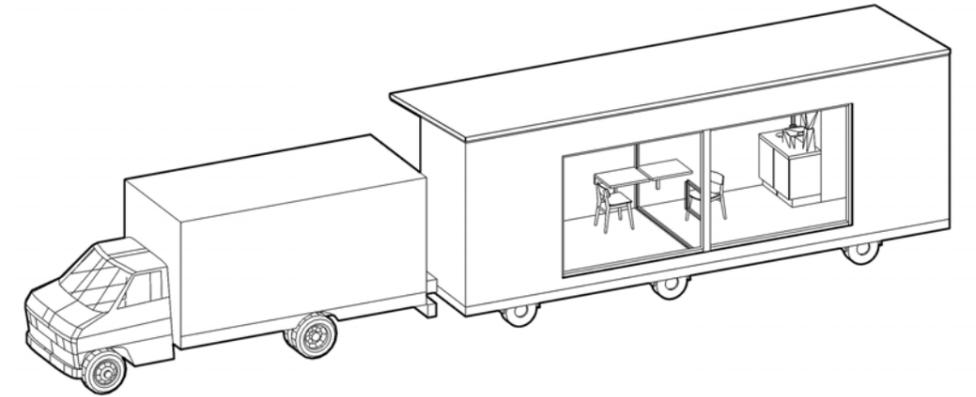
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“Easily towed to site, or transported on standard flatbed lorry the SCP can be simply located on existing car-parking or placed in a garden.”



Delivered by truck



Towed to site



Installed on existing parking bays

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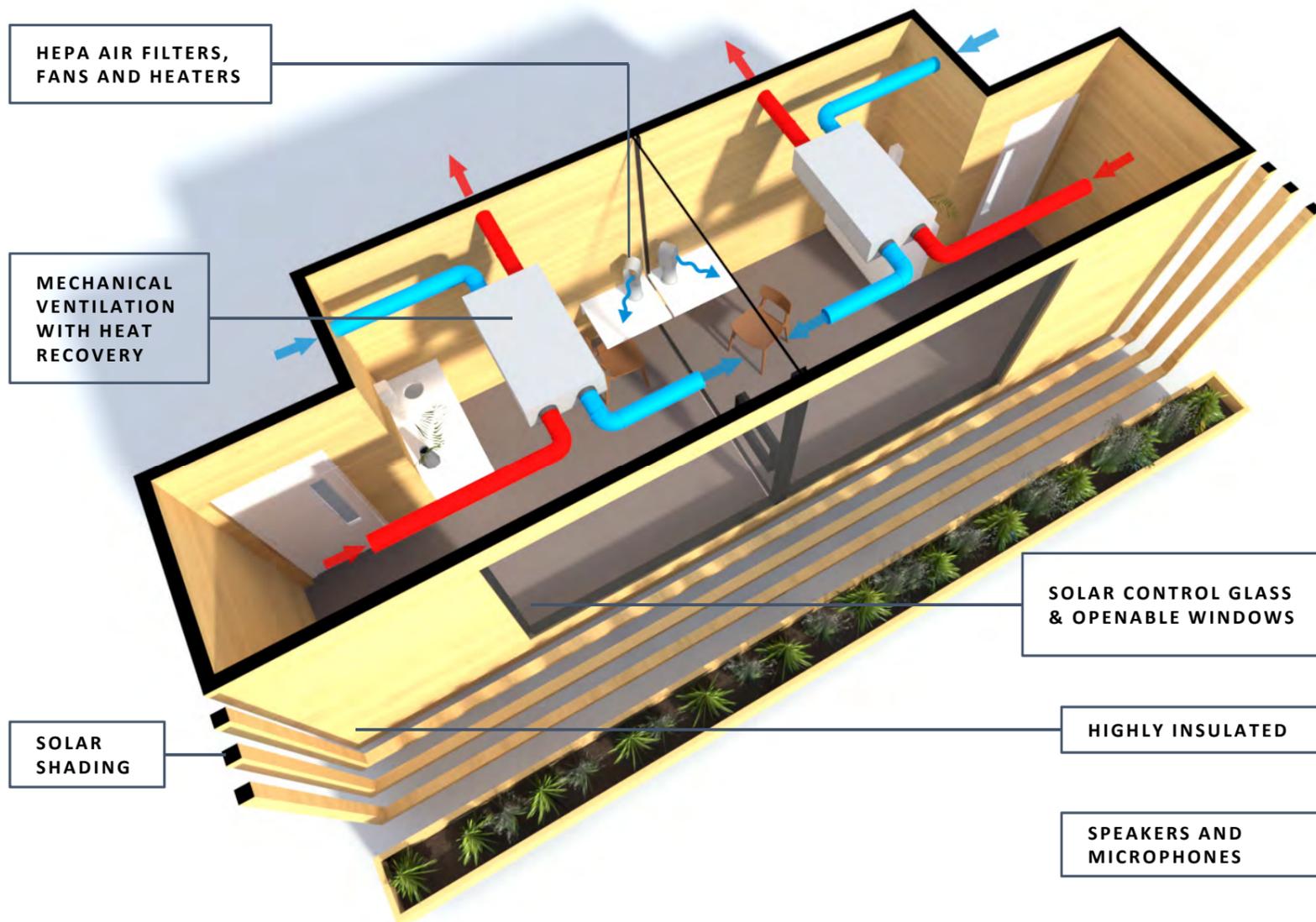
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Engineering in isolation.

Clean air, hygienic systems, accessible to all.



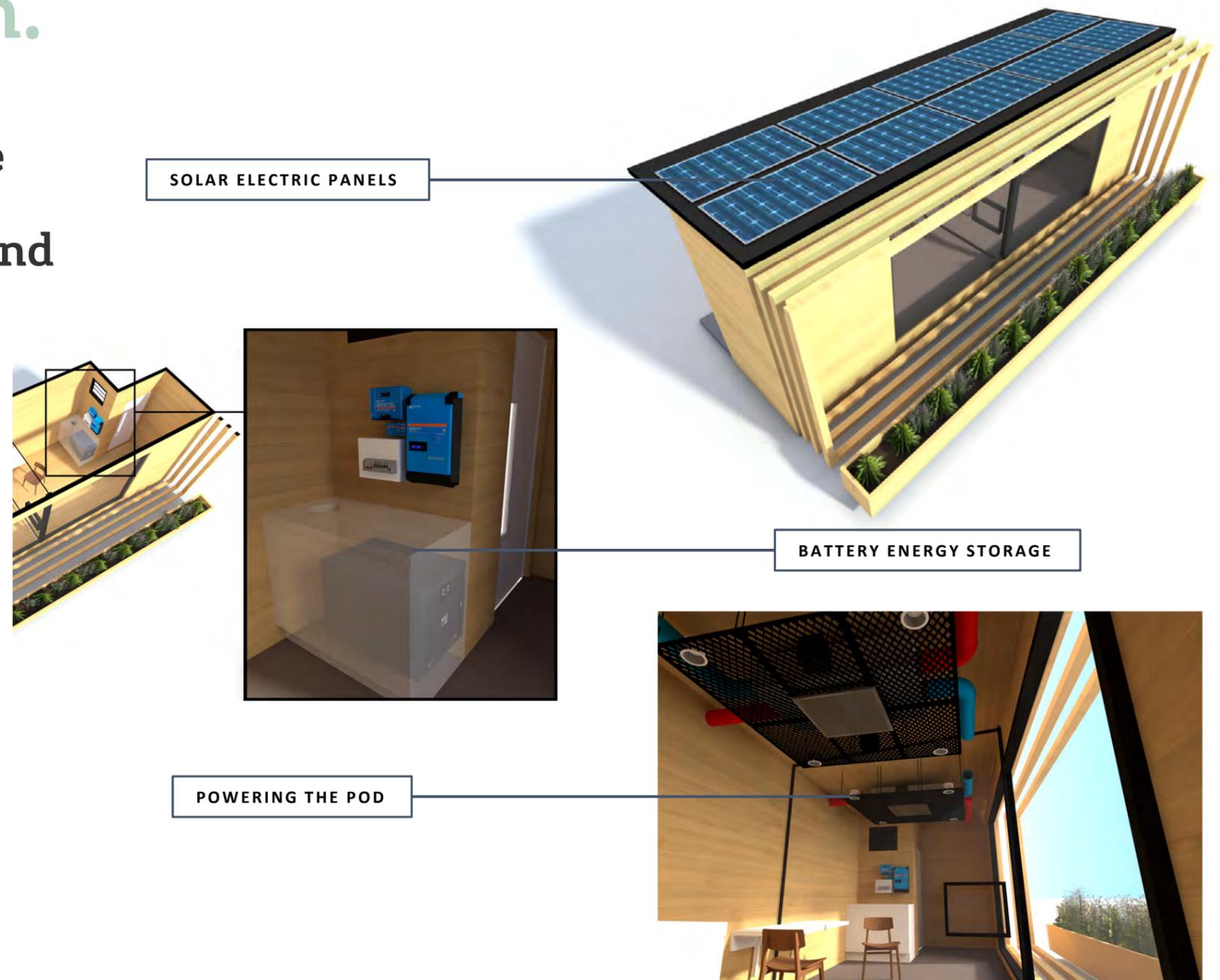
- Air filtration device with HEPA filter continuously improves air quality.
- Mechanical ventilation with heat recovery uses low power to provide comfortable and quiet filtered air.
- Socially distanced natural ventilation by separated openable windows.
- Hearing loop, microphones and speakers provide hands-free easy communication.

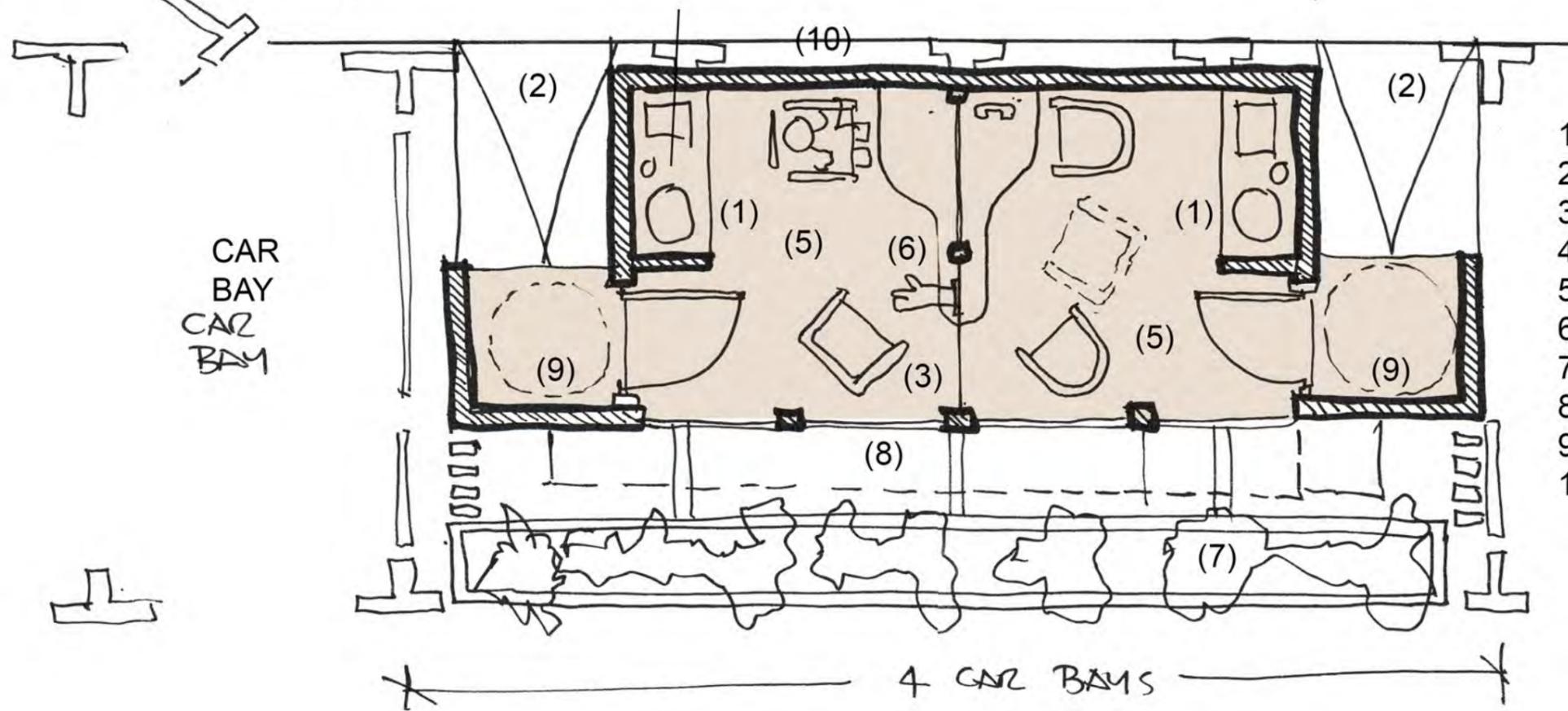
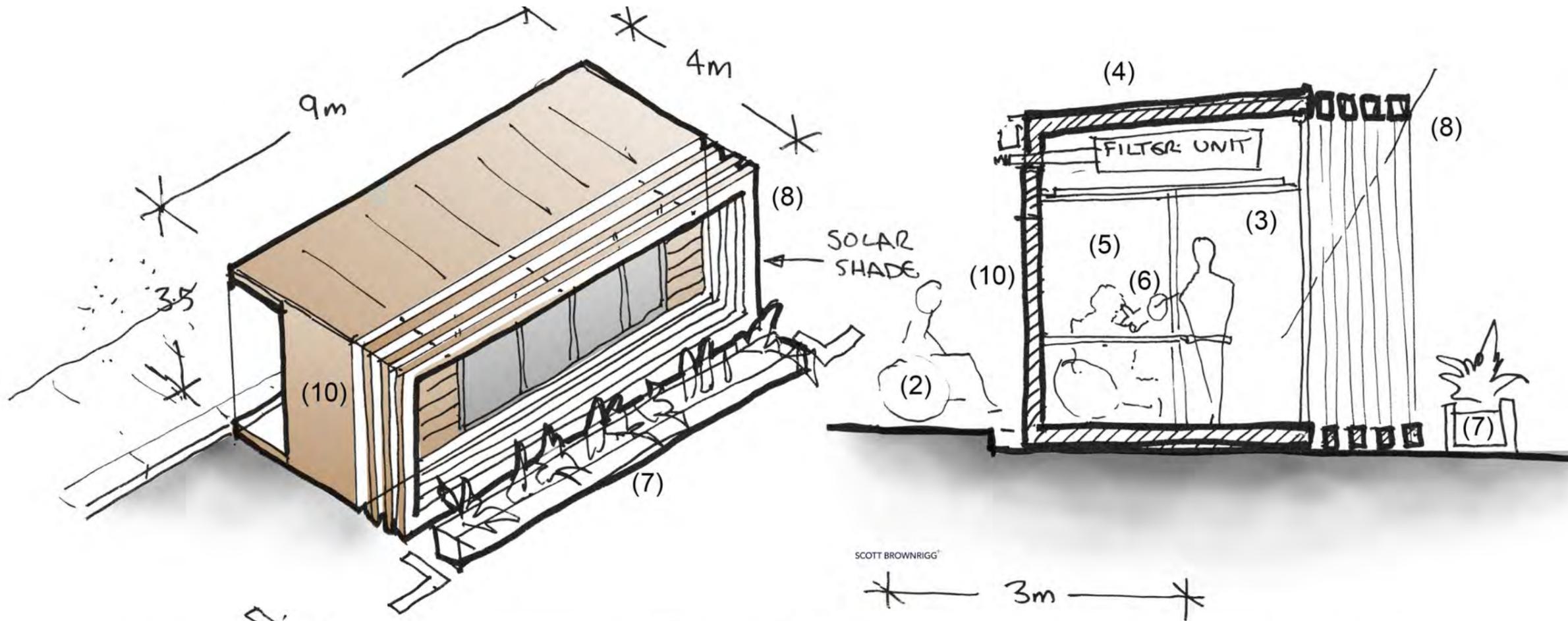


Closing the energy loop. Moving to zero carbon.

As serious as the virus is, it is not the biggest threat of our times. Climate change will affect us all far greater, and we must meet this challenge.

- Solar electric panels generate renewable energy.
- Battery stores green energy for when it's needed.
- Minimal energy use through passive design principles and low power services.

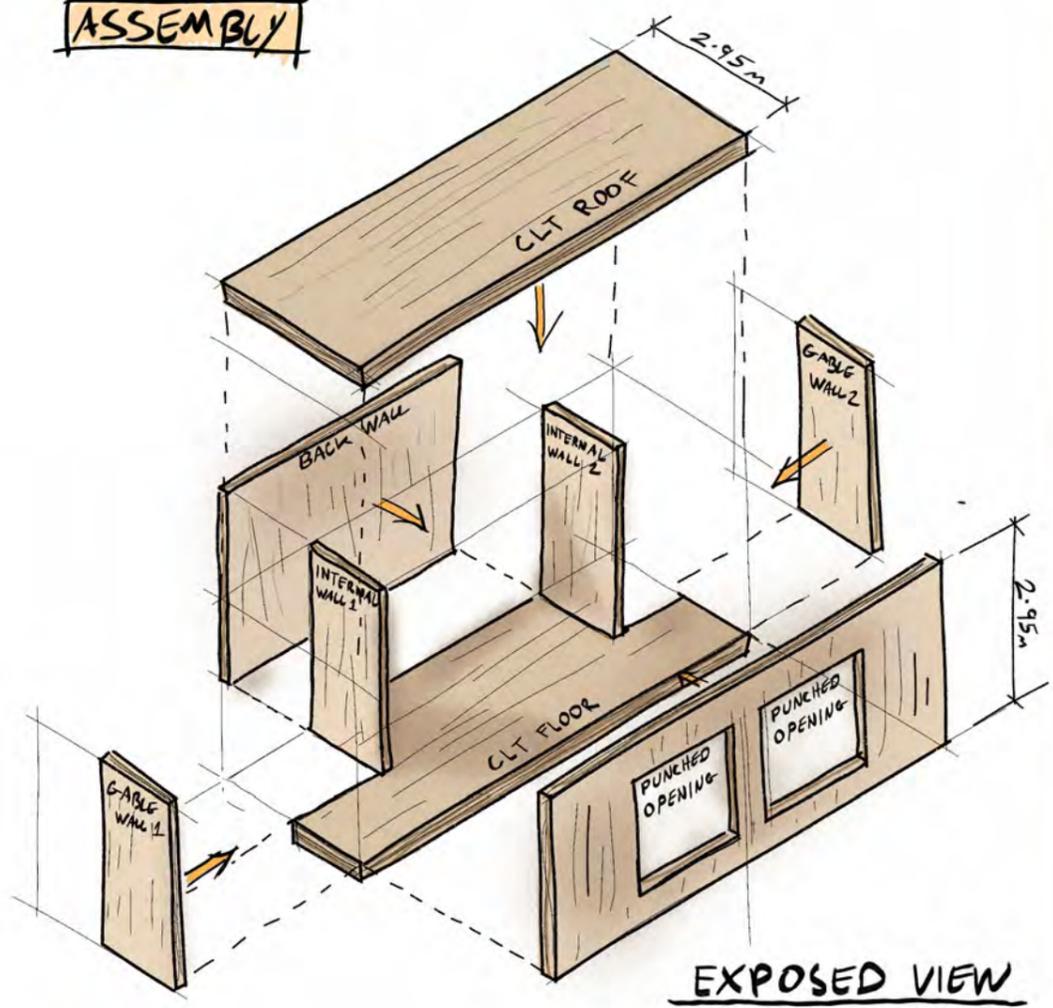




1. CLEANSING STATION
2. LEVEL ENTRY
3. PERSPEX WALL
4. FILTERED AIR
5. CLEANED BETWEEN USES
6. CONTACT GLOVE
7. SCREENING
8. SHADING
9. INSTRUCTIONS
10. CLT STRUCTURE

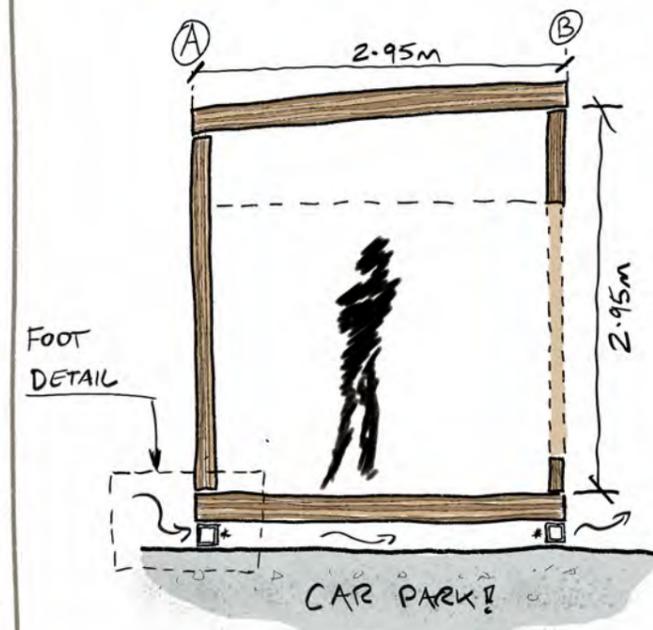
RAMBOLL
Alan Rowland
27/04/2020

ASSEMBLY



EXPOSED VIEW

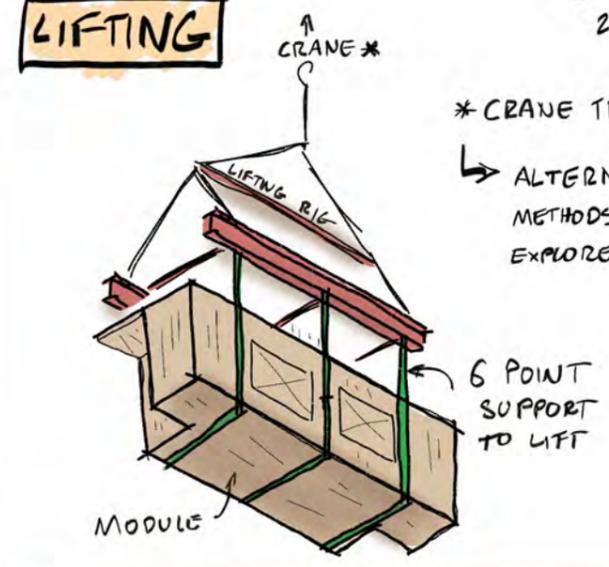
SECTIONS



* MODULE SUPPORTED ON STEEL SHOES TO RAISE TIMBER STR. ABOVE GRD

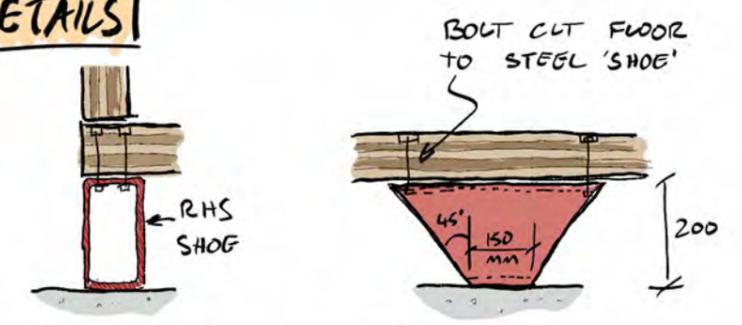
SECTION A-A

LIFTING



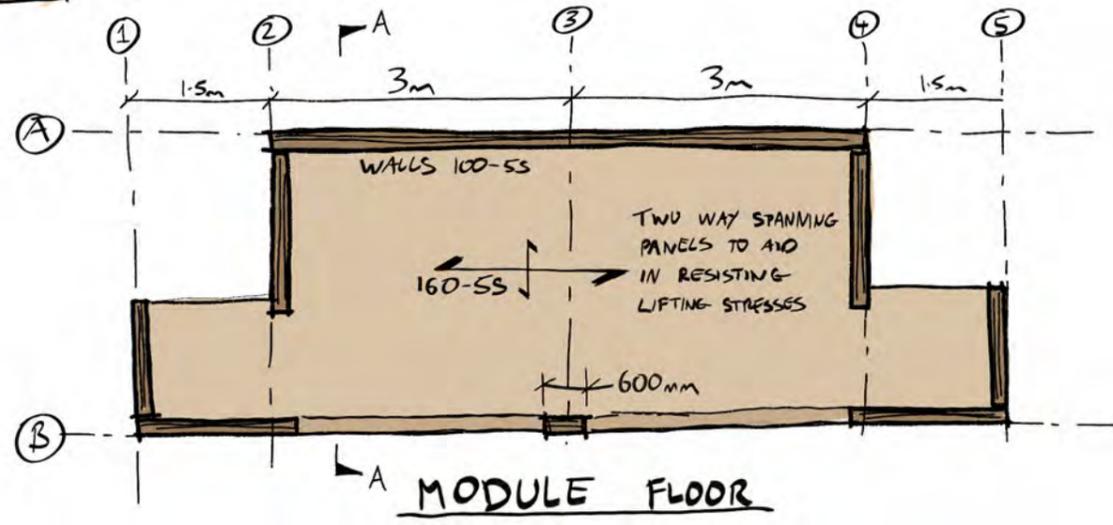
* CRANE TRANSPORT COST!
ALTERNATIVE TRANSPORT METHODS TO BE EXPLORED

DETAILS

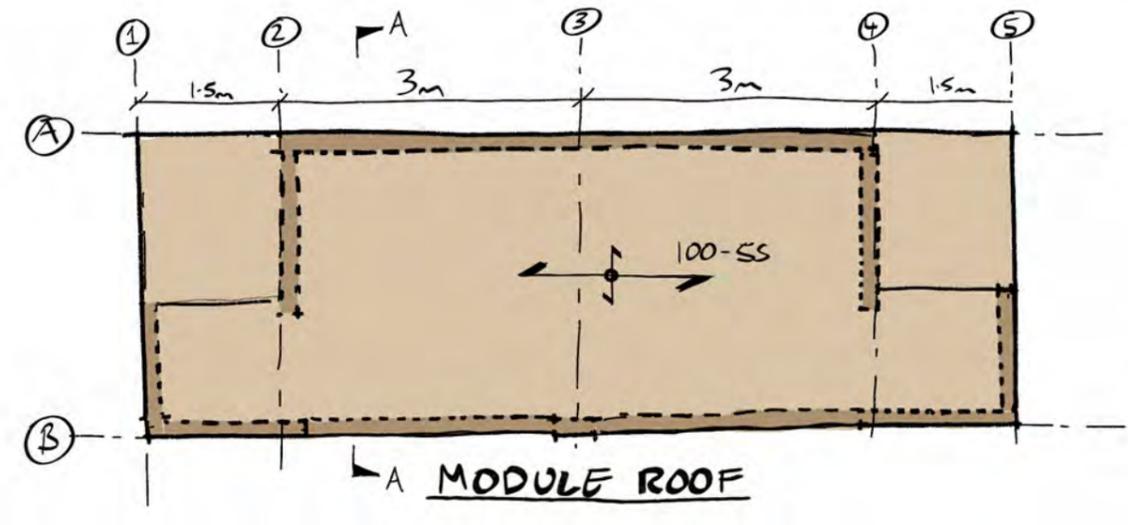


FOOT DETAIL

PLANS



MODULE FLOOR



MODULE ROOF