

Plan and Elevation of Proposed Design

Fig 1 : Plan of Aesop Flagship Store, 3D Printer / Gallery / Workshop

Fig 2 : Elevation of Aesop Flagship Store, 3D Printer / Gallery / Workshop

- a) Customer Sink
- b) 3D Printed Walls / Product Shelving
- c) Till
- d) Product Re-Fill Machine
- e) 3D Printer for Aesop Packaging
- f) Etching Machine
- g) Computer to Operate Machine
- h) Large 3D Printer
- i) Machine to melt Plastic
- j) Information Wall
- k) Storage for Communities plastic
- l) Sink for cleaning packaging
- m) Conveyor belt
- n) Shredder
- o) 3Phase Motor
- p) Shredder Plastic to Reels of Plastic Machine
- q) Lift
- r) Stairs

Customer Zoning

Strictly Staff Zoning

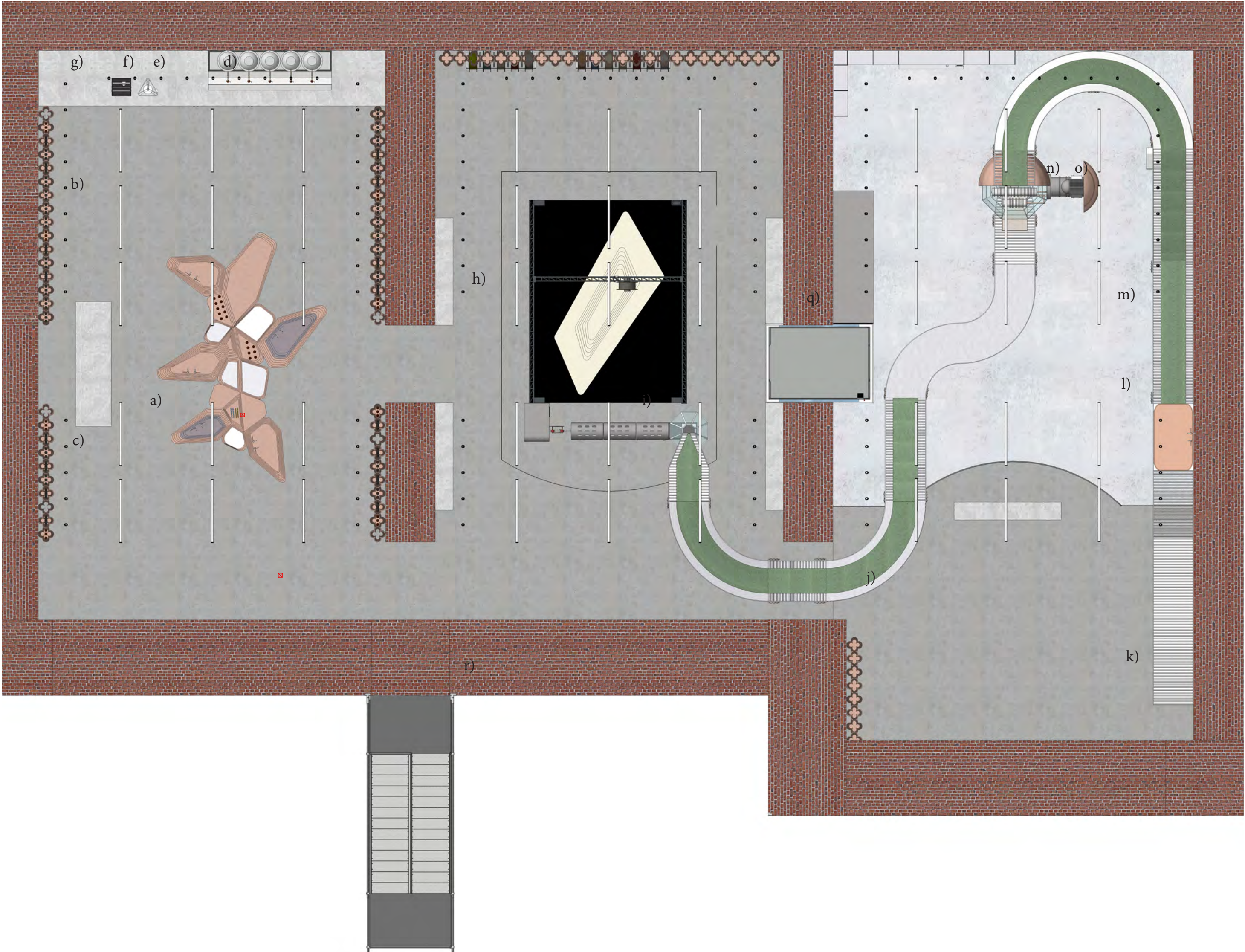
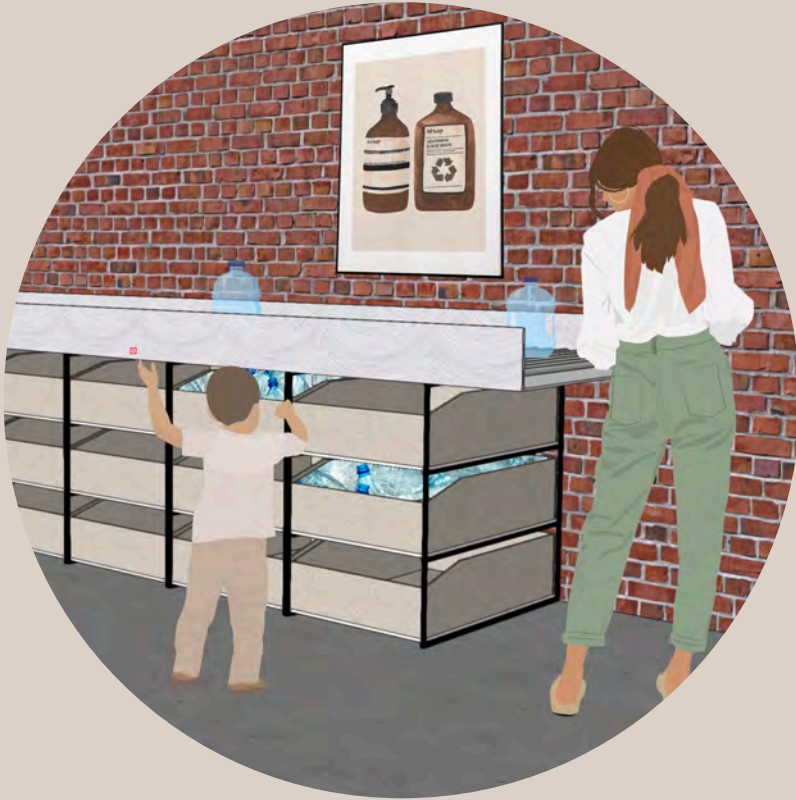


Fig 1 : Recycling process throughout the Aesop flagship store



1. Recycling of the communities plastic, giving said individuals an innovative and alternative way to recycle and allowing them to see the process of it being transformed into something new.

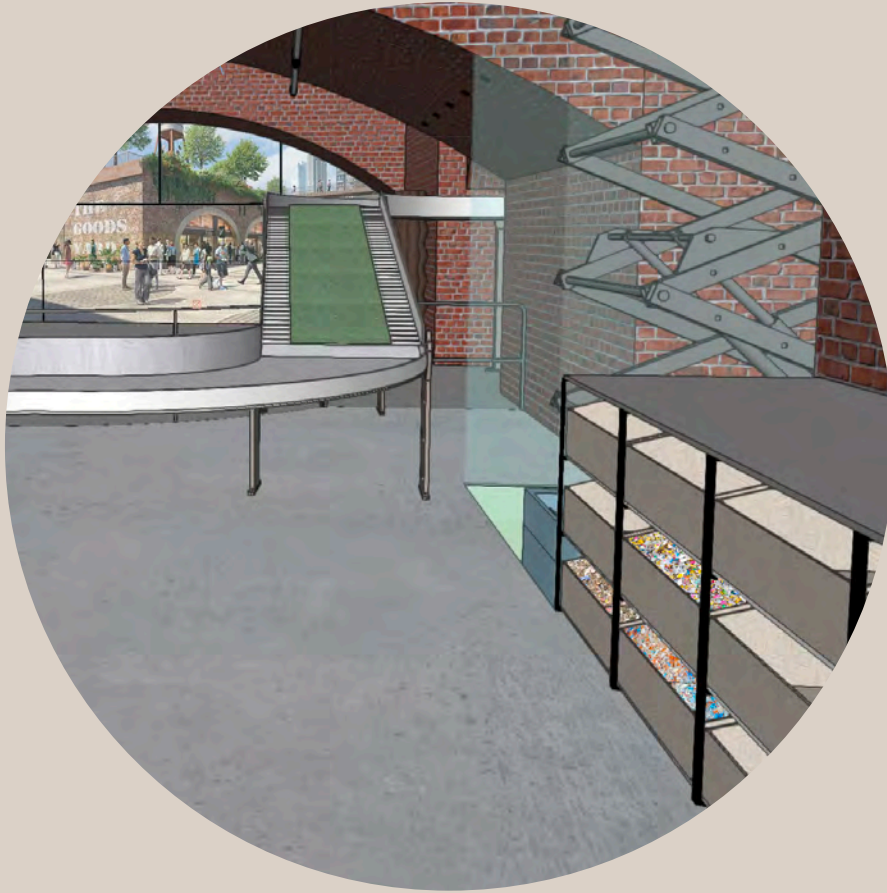
Plastic either goes into the draws to be sorted, or straight onto the conveyor belt to start the process of transforming the material.



2. Recycled plastic enters the conveyor belt and soon into the sink to be cleaned.



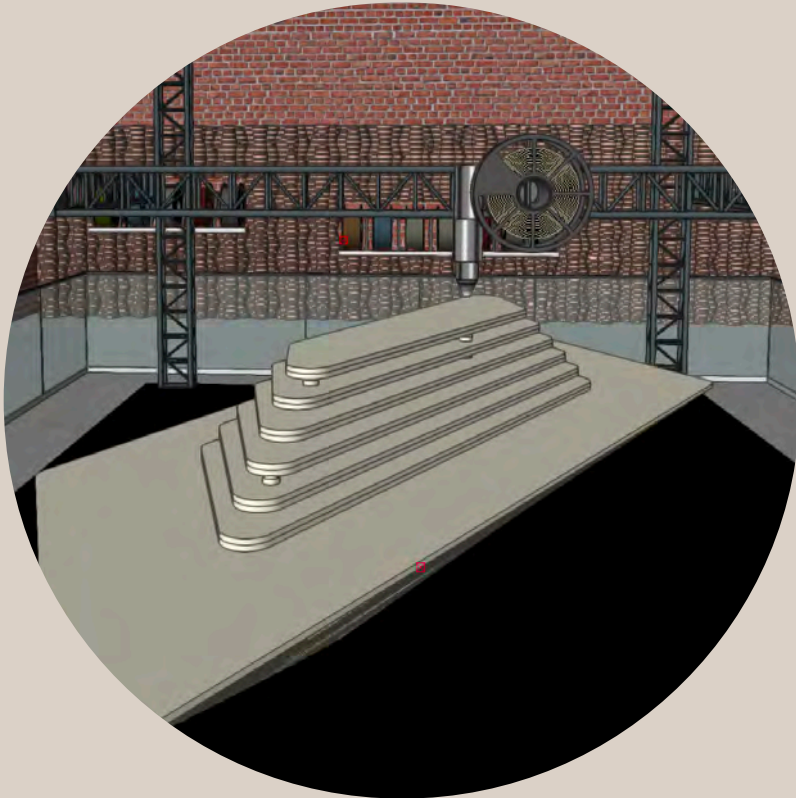
3. The plastic then travels through the space and then into the shredder. This process is visible for the public to see and is a way of educating the younger audience.



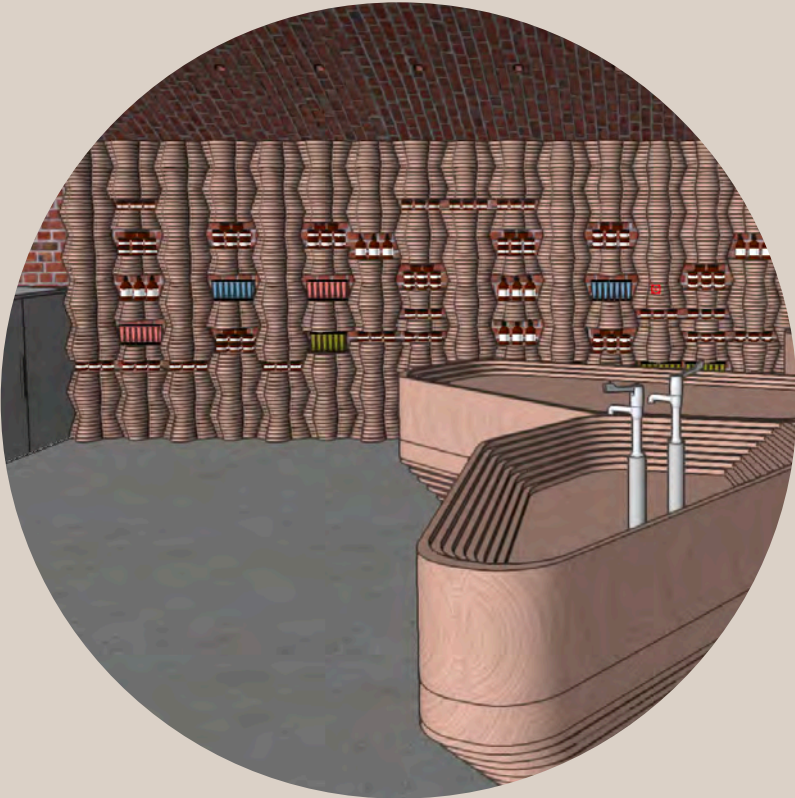
4. The shredded plastic can either be sorted into draws and into colour, or move onto the next travelator into the second room.



5. The shredded plastic then enters the next machine that heats the plastic and transforms it into 3D printing filament.



6. The last process requires a 3D Printer to transform the filament into seating for the community. The benches are almost seen as trophies and a way of celebrating all their recycling and helping the environment. Over time, the benches can be cleaned, shredded and printed again, showing how circular the scheme really is.



7. Additionally the recycled Aesop packaging is used to print elements throughout the scheme, like the sink and 3D shelving. The project promotes circular economy and introducing innovative ways to recycle.

Aesop Flagship Store : Visualisation

Fig 1 : 3D Model of Aesop Flagship Store, Space 1

- Customer Sinks
- Re-fill Station
- Till
- 3D Printing Packaging



Aesop Flagship Store : Visualisation

Fig 1 :3D Model of Aesop, Space 2
- Galley room
- 3D Printer
- Filament Extruder
- Filament wall, display and storage of
printed plastic



Aesop Flagship Store : Visualisation

Fig 4 : 3D Model of Aesop Workshop

- Information Wall
- Storage for Communities plastic
- Sink for cleaning packaging
- Conveyor belt
- Shredder
- 3Phase Motor
- Shredder Plastic Storage

