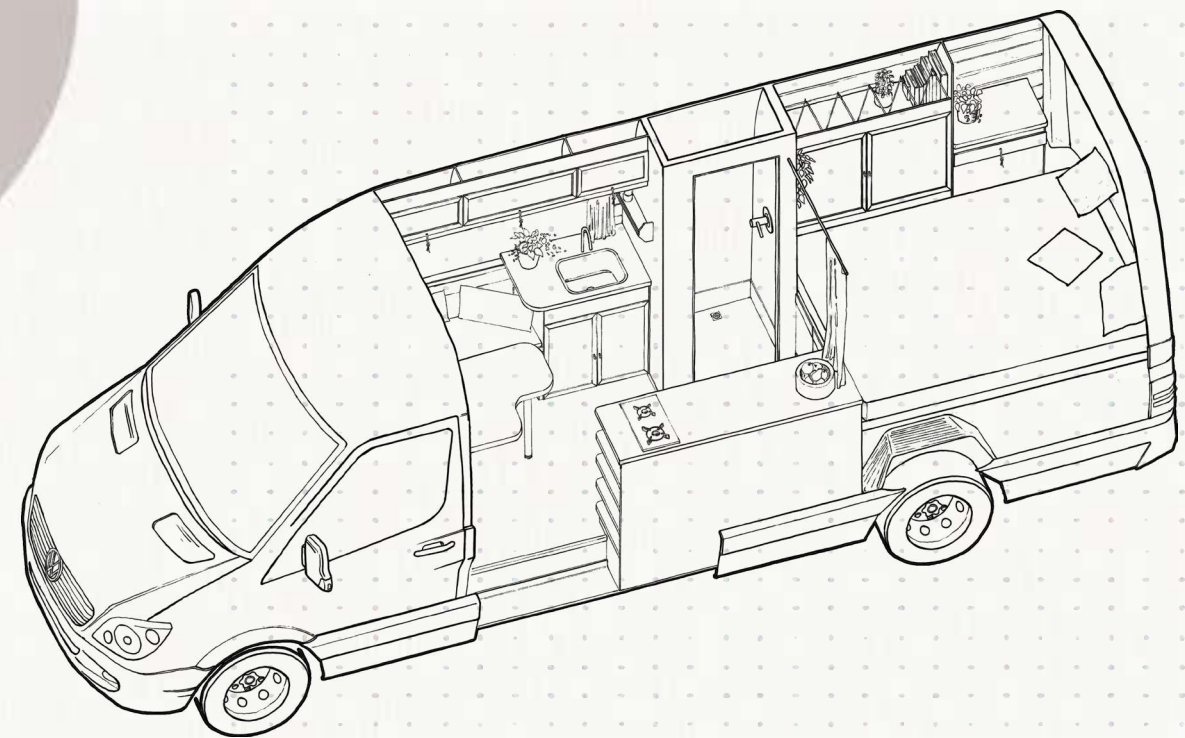


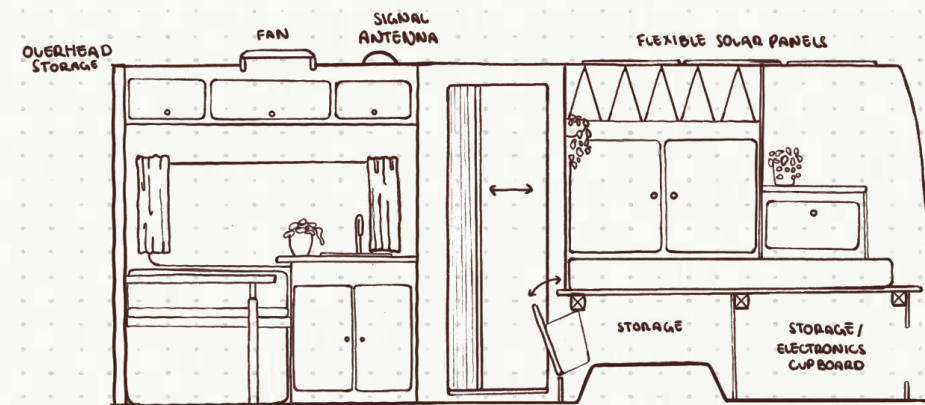
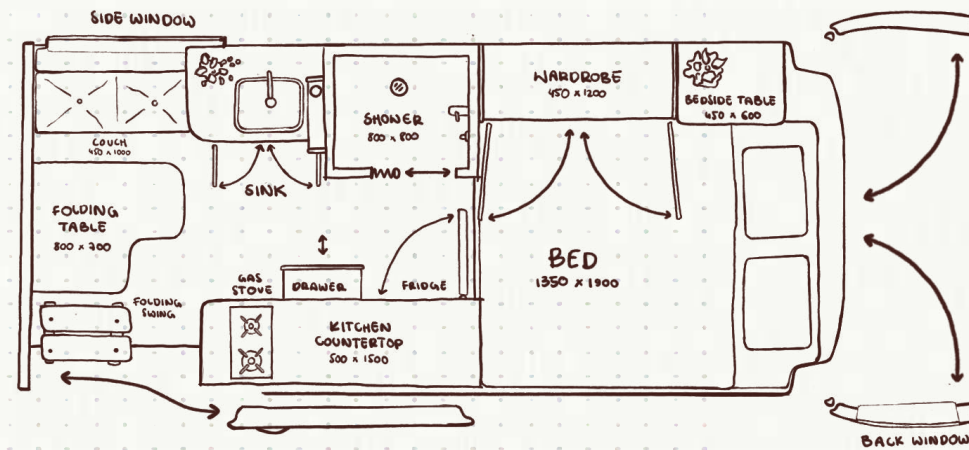
## 04 | STELLA ONE

### 2022-2023 PROJECT VW CRAFTER CAMPERVAN CONVERSION

*A self-planned, self-designed and self-built custom camper-van conversion. Stella One is a year long project undertaken with my partner aimed to create a tiny living space in a VW Crafter van. It includes a bedroom space with a storage, a full shower with 100 l water tank, a full kitchen as well as living/working/dining and seating area for up to three people. An option to dismount the table, bench and the third seat provides with a possibility to obtain some extra space - either for goods transportation or and additional bed. An under-bed storage accessible from the inside and from the back provide with a sufficient space for some outdoor equipment.*

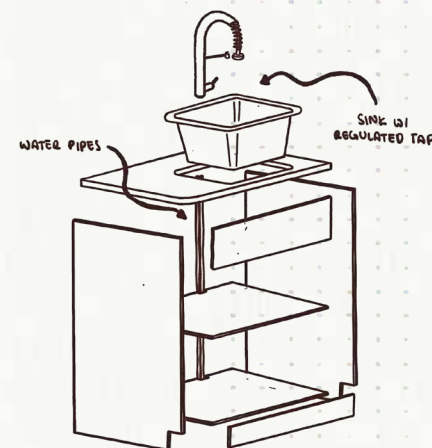


SKETCHES | sketch plan and sketch section with initial dimensions

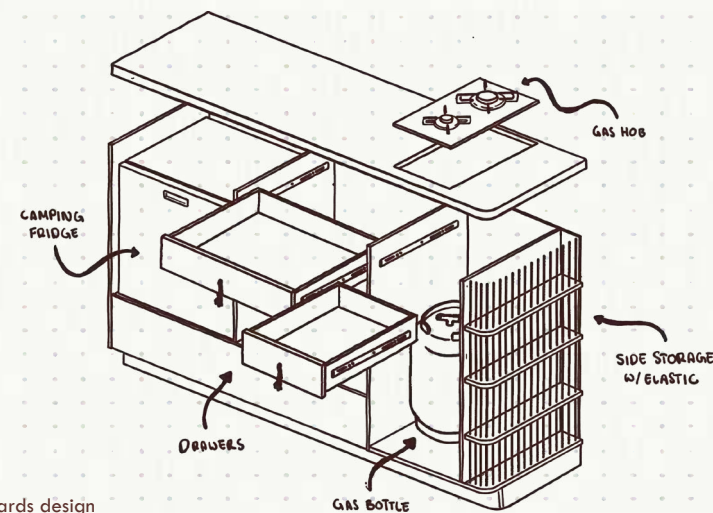


## INITIAL DESIGN | SKETCHES

In order to plan out the layout of the particular spaces in the van sketch plans and sections have been created. Rough dimensions helped to guarantee everything will fit on the very limited area. Rough sketches of the kitchen units helped to plan out the location of some of the services and sped up the actual build.



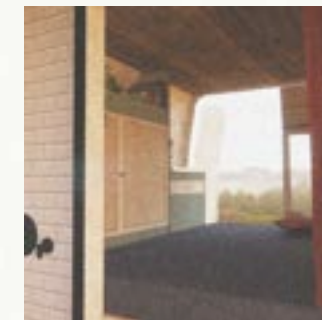
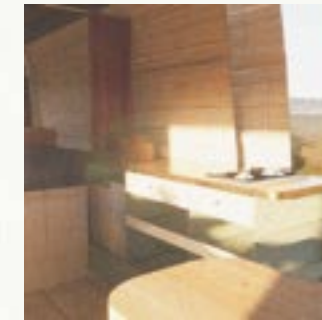
SKETCHES | exploded axonometric sketches - kitchen cupboards design



## VISUALIZATION | RENDERS

In order to decide what colours, materials and textures should be used for the internal finish of the space a series of renders has been created.

Additionally, this virtual model helped to evaluate the planned out layout in terms of access to natural light, ability to move around the space and views to the outside.



view  
the  
Van  
tour  
video  
here!





## *building process.*



i.  
walls, floor and ceiling wool insulation,  
installation of timber beams for walls and  
ceiling structural fram, plywood subfloor  
installation



ii.  
vapour layer lining, electrical installation  
and water installation, fitting of plywood  
finish for some of the internal walls, bed  
frame construction



iii.  
installation of timber cladding for the ceiling  
and walls, shower wall construction, water-  
proofing the shower room



iv.  
built and painting of the furniture - kitchen  
cabinets and wardrobe (9 mm and 12 mm  
plywood structure, 5 mm plywood backing)



v.  
installation of the furniture in the van, fitting  
of the worktops, sink and hob as well as  
cupboard doors



vi.  
protecting the furniture and worktops with  
two layers of wood oil finish

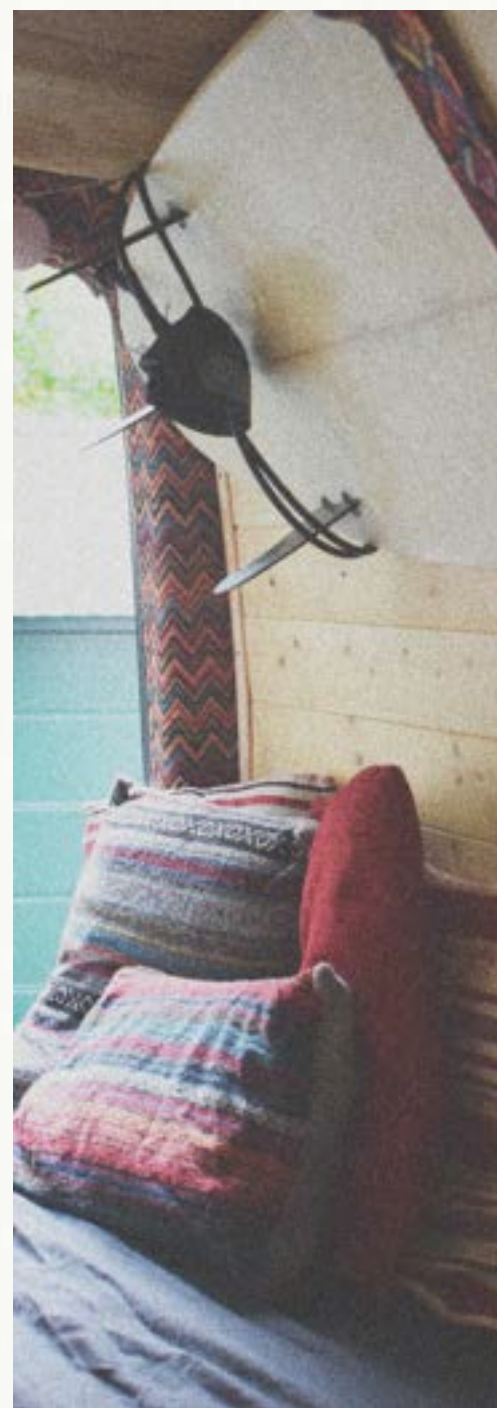


vii.  
finishes - construction of additional shelves  
and holders, putting trims in, lining the visi-  
ble parts of the van with fabric



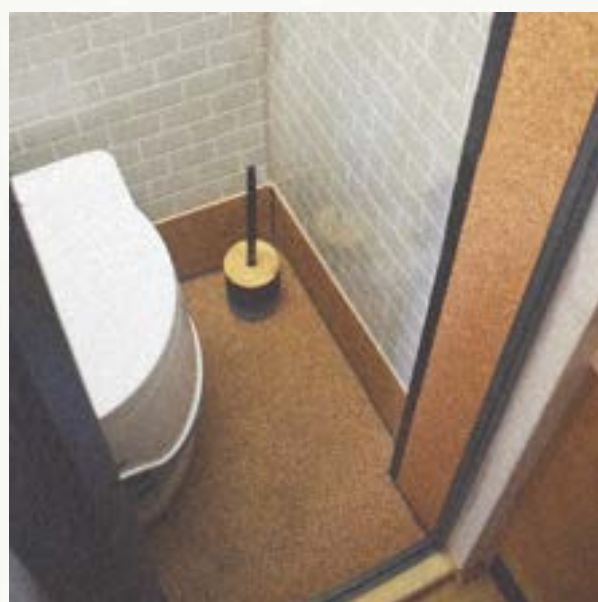
viii.  
shower finish - lining shower floor and walls  
with oil-protected cork and self-adhesive  
vinyl tiles





*f i n a l   d e s i g n .*





*d e t a i l .*