



Primary Research



Visual tactile and aesthetics

The silver aluminium colour looks good with any coloured ute and the user was thinking of using this colour

Purpose function and context, function

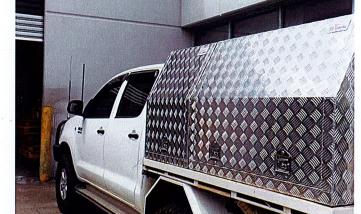
The canopy has 4 points, one on each corner for the jacks to go into for easy dismount, easy dismount was a main request from the user

Purpose function and context, secondary

The canopy has roof racks meaning that in not only can carry stuff inside it but the longer stuff can go on the roof, not asked by the user but makes for ease of carrying longer items.

function

User Feedback



Purpose function context

I like how this one has 2 functions of a canopy and a dog box at the front, on the other side the door is mesh to allow the dogs to breath, although not requested by the user it's still a cool concept

User Feedback

materials- characteristics and properties The canopy is made out of the flat sheet

which is <u>light weight</u>, strong and corrosion resistant, the user either wants this material

I like the idea of having the roof racks to allow me to put longer or other items on the roof as a secondary storage location.

I like the combination of the checked aluminium and the flat white ute, looks cool and works well together.

Materials-characteristics and properties

although the user wanted aluminium.

The canopy is made with a frame with a tarp over the

and strong and also light weight and doesn't rust,

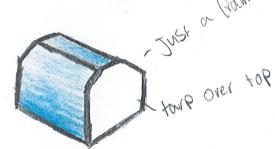
top instead of the aluminium sheets. The tarp is Durable

materials- characteristics and properties

The canopy is made out of the checked aluminiun which is light weight, strong and also corrosion resistant. The user either wants this material or the flat sheet aluminium.

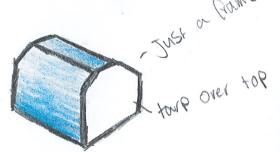
User Feedback

I like the flat finish of this one and think it matches well with the ute's flat finish and also the colouring of the combination.



User centred design

The canopy has easy access because of the 2 side doors and the back door as well, this is a must from the client.





Visual tactile and aesthetics

or the checked aluminium.

the colour matching looks good and works well in the flat white, the user either wanted matching or silver coloured



Purpose function and context, Secondary

Function

The canopy has 4 points, one on each corner for the jacks to go into for easy dismount, easy dismount was a main request from the user.

Purpose function and context

The canopy has the preferred method of removability requested by the user.

User centred design

The canopy has <u>easy access</u> because of the 2 side doors, this is a must from the user

materials- characteristics and properties

The canopy is made out of the checked aluminium which is <u>light weight</u>, strong and also corrosion <u>resistant</u>. The user either wants this material or the flat sheet aluminium.



Primary Research

User centred design

The canopy has <u>easy access</u> because of the 2 side doors and the back door as well, this is a must from the user

User Feedback

Having 3 doors would allow me to have full access to the canopy but it would sacrifice strength because you can't brace the back wall.



User Feedback

The roof racks look good and allow me to put longer or other items on the roof as a secondary storage location.

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User Feedback

I like the combination of the mesh metal and the flat white ute, looks cool and works well together.

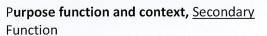
User centred design

The canopy has <u>easy access</u> because of the 2 whole side doors, this is a must from the client

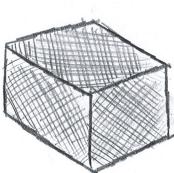


Purpose function and context

The canopy is made with a mesh covering the frame allowing people to view into it. A main function for the user is that no one can see what he has inside it which means there is less likely of having stuff stolen.



The canopy has roof racks and roof storage meaning that in not only can carry stuff inside it but the longer stuff can go on the roof, not asked by the user but makes for ease of carrying longer items.





Secondary Research

Purpose function and context

The canopy has roof racks meaning that in not only can carry stuff inside it but the longer stuff can go on the roof, not asked by the user but makes for ease of carrying longer items.

7:54 pm TOP POSTS e 77% the back.



User Feedback

Having a spare tyre and jerry can holder would be handy if I was going bush driving or for longer trips.



rain Recent canopy build

User centred design

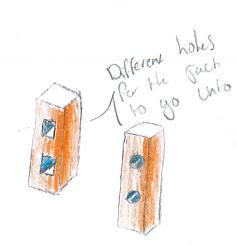
The wheel rack and jerry can holder are secondary

functions because the main thing is to have a safe

enclosed location for my user to put his items and this

also means a spare tyre and spare fuel can go as well on

The canopy has easy access because of the 2 side doors, this is a must from the user.



Purpose function and context

The canopy has 4 points, one on each corner for the jacks to go into for easy dismount, easy dismount was a main request from the user.



Materials

I like the look of the 2 types of metal with the flat sheet and the checked aluminium, the user wants 1 tone but these 2 different types work really well together.

Deluxe - Canopy Package 3:

Purpose function and context



the colour matching looks good and works well in the matt silver, the user either wanted matching or silver coloured.

materials- characteristics and properties

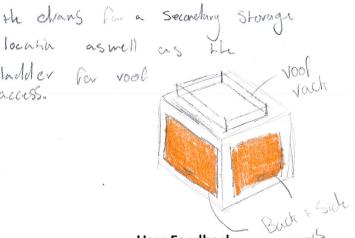
The canopy is made out of the flat sheet which is strong, light weight and corrosion resistant, the user either wants this material or the checked aluminium.





+ Includes...

- · 2 door model (flush doors)
- 1 x Spare tyre mount & 1 x jerry can holder on rear Fridge drop slide & mount suit most 60-75L fridges
- 3 x Pull out drawers in canopy standard layout
- · Tradie or Multi Roof Rack
- · Dual Stage Rear ladder



Pin Aose Function and context

User Feedback I like the look of the flat aluminium mixed with the checked aluminium.





Secondary Research

Purpose function context

I like how this one has **2 functions** of a canopy and a dog box at the front, on the other side the door is mesh to allow the dogs to breath, although not requested by the user it's still a cool concept

Purpose function context

The canopy is only a half-length to allow the user to have clear tray space still, this one would go at the back and would act as a dog box

User Feedback

The window is a good idea allowing me to see into the canopy and also allowing me to look into my rear vision mirror and look out the back of the ute at what's behind me.

Purpose function and context

The wheel rack is a secondary function because the main thing is to have a safe enclosed location for my user to put his items and this also means a spare tyre can go on the back as well

Purpose function and context

The canopy has 4 points, one on each corner for the jacks to go into for easy dismount, easy dismount was a main request from the user

Purpose function and context

This is also a ute tray in the one design, the user wanted just a canopy but if his tray was getting old or damaged this would be a good option for him

Purpose function and context

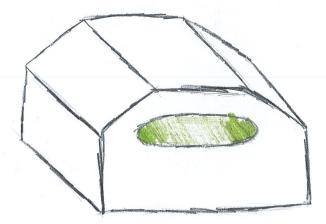
The canopy has windows on the front and back to allow the user clear visibility when driving, not a concern of the user but a good idea to keep in mind.

Purpose function and context

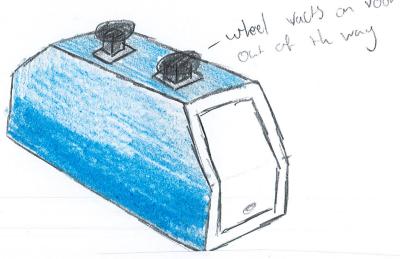
The canopy has 4 points, one on each corner for the jacks to go into for easy dismount, easy dismount was a main request from the user

User Feedback

I like the idea of only taking up half the tray because it allows me to still put things on it and also have a storage location aswell



windows so the driver can see behind him



Secondary Research The trailer canopy ha

The trailer canopy has easy access because of all the doors, this is a must from the user

Purpose function and context, secondary function

The canopy has a tent on the roof meaning that he has a bed where ever he goes, not asked by the user but makes more space as he doesn't have to carry around a swag for bedding.

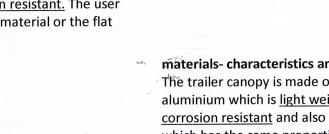


materials- characteristics and properties

The canopy is made out of the checked aluminium which is light weight, strong and also corrosion resistant. The user either wants this material or the flat sheet aluminium.



The trailer canopy is made out of the checked aluminium which is light weight, strong and also corrosion resistant and also flat sheet aluminium which has the same properties. The user either of the two.



User centred design

The trailer aspect of it makes it easy for the user to put on and take off his ute because he just has to hook it up but it means he's towing something making his vehicle longer meaning he can't go to someplace.

Visual tactile and aesthetics

the colour matching looks good and works well in the flat white, the user either wanted matching or silver coloured

Purpose function and context, function

The canopy has 4 points, one on each corner for the jacks to go into for easy dismount, easy dismount was a main request from the user

User Feedback

I like the combination of the checked aluminium and the flat white ute, looks cool and works well together.



Purpose function and context

The caravan is made with windows included into it allowing people to view into it. A main function for the user is that no one can see what he has inside it which means there is less likely of having stuff stolen.



Site Visit



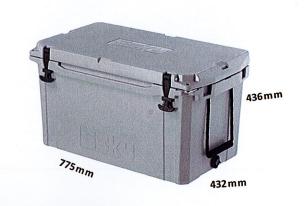
The canopy will be bolted to the tray through 4 bolts which will go through the floor and into the tray.



Width- 1830mm length- 1765mm Height- 900mm

Measurements of Storage <u>Items</u>















Product Dimensions (mm)





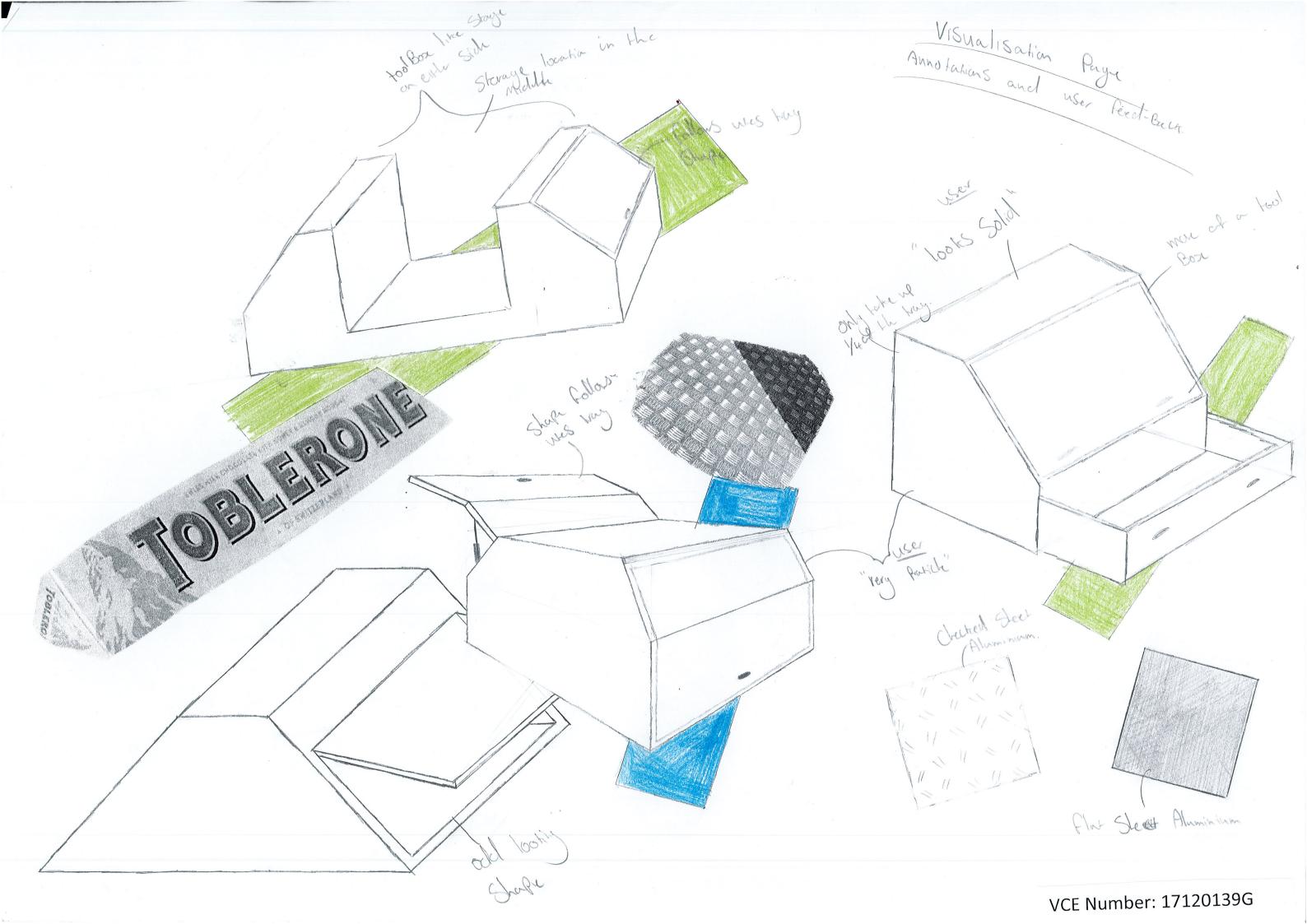


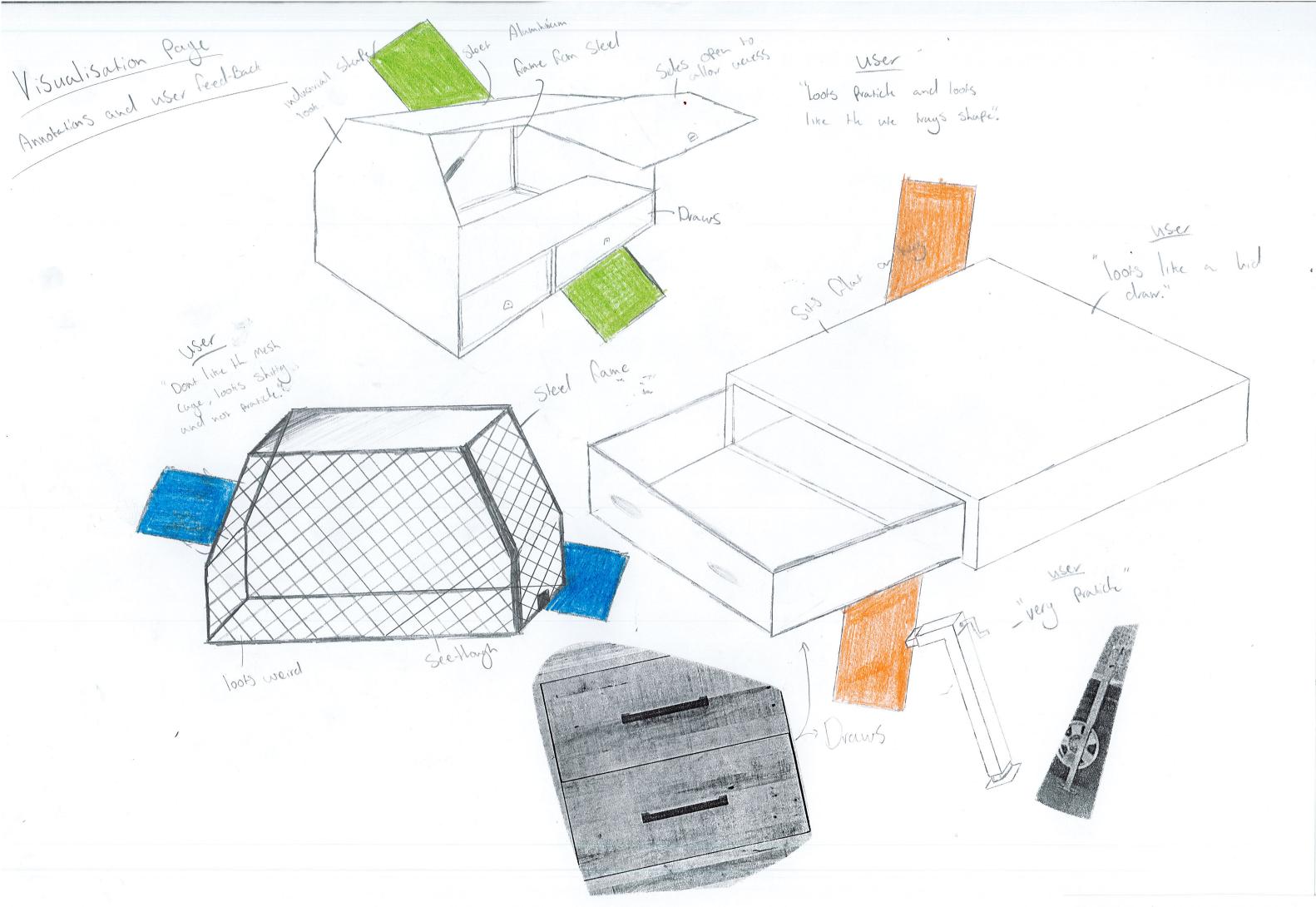
W:35 H:10 L:190 **Product Dimensions (mm)**



W:100 H:10 L:285

W:210 H:65 L:500





Bibliography

Google. n.d. https://www.google.com/webhp?hl=en&sa=X&ved=0ahUKEwjvnO62vqzhAhUReH0KHVzDCxUQPAgH (accessed March 26th, 2019).

Norweld. Aluminium Ute Canopys. n.d. https://www.norweld.com.au/canopys/ (accessed Feb 7th, 2018).

Terain, Tough Tinnies And. "Custom Canopys." Instagram, Feb 4th, 2019.

Terrain, Tough Tinnies And. "Custom Canopy." Instagram, Feb 9th, 2019.

Watson, Dunn And. Ute Canopys. n.d. https://dunnandwatson.com.au/shop/canopies/aluminium-canopies/mod-series-canopy/ (accessed Feb 11th, 2019).