



... RESEARCH ...

Student 5: Low Achieved

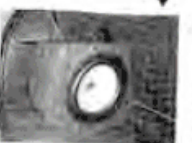
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THIS EXISTING PRODUCT LOOKS VERY STYLISH BECAUSE OF THE ROUND EDGES IT INCORPORATES IN THE DESIGN.



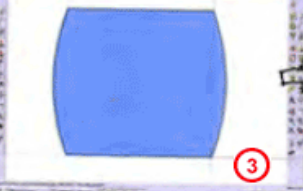
THIS PRODUCT HAS GOOD FUNCTIONALITY BECAUSE OF THE ANGLED FRONT SO THE SOUND IS PROJECTED A LOT BETTER AND THEREFORE THE SOUND WILL TRAVELL FURTHER.




THIS DESIGN SEEMS TO NOT HAVE GOOD STABILITY OR STRENGTH BECAUSE OF THE SHAPE AND SURFACE AREA THAT IS IN CONTACT




THIS PRODUCT HAS GOOD AND PROPORTION BECAUSE OF BASIC SHAPE. THIS DESIGN APPEAL TO PEOPLE BECAUSE IT WILL LIVE LONGER.

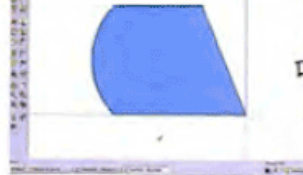


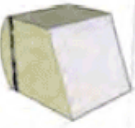
3






ROUND SIDED SHAPE: This concept looks good with the rounded sides, but the square shape is too basic.





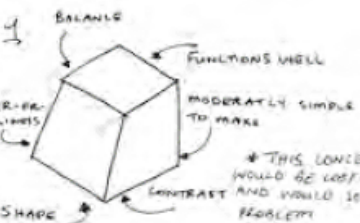


POLYGON WITH ROUNDED END: This concept looks like a combination of the polygon and rounded sides which is aesthetically pleasing to the eye. It would be costly paying for the bending wooden material.

* FEEDBACK FROM MY CLIENT

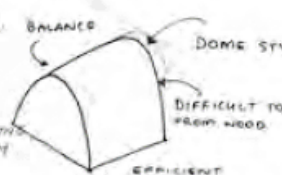
SKETCHED CONCEPTS

1



BALANCE
FUNCTIONS WELL
MODERATELY SIMPLE TO MAKE
USER-FRIENDLINESS
SHAPE
CONTRAST
* THIS CONCEPT WOULD BE MOST EFFECTIVE AND WOULD SOLVE MY PROBLEMS

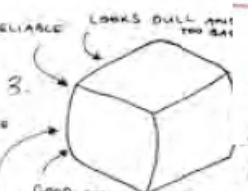
2



BALANCED
DOME STYLE
DIFFICULT TO MAKE FROM WOOD
EFFICIENT


* THIS HAS AN ELEMENT OF COMPLEXITY BECAUSE OF THE ROUNDED TOP WHICH MAKES IT EXPENSIVE. BUT IT STILL HAS A GOOD LOOK ABOUT IT.

3




RELIABLE
LOOKS DULL AND TOO BAI
GOOD STRENGTH
GOOD FUNCTIONALITY
EASY-TO-MAKE
* THIS IS A BASIC SHAPE AND HAS CHARACTER TO IT.

4



HARMONY
STYLE
* THIS LOOK VERY COMPLEX AND EXPENSIVE
AESTHETICALLY PLEASING
STABILITY COULD BE DIFFICULT BECAUSE OF HEIGHT OF BODY

5




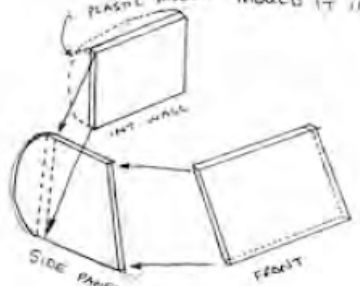
FIX FOR AIR-ROOF
ANGLE FOR SOUND PROJECTING
AESTHETICS
* THIS CONCEPT LOOK GOOD IT HAS ELEMENTS OF LOWER 3. IT LOOKS LIKE A...
FUNCTIONALITY

THIS CONCEPT CAN BE CREATED WITH DIFFERENT MATERIAL SUCH AS THE ROUNDED END COULD BE PLASTIC AND NOT

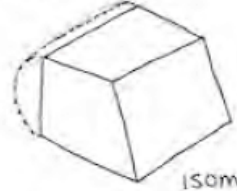
... DEVELOPMENT ...

4 PLASTIC: I WILL NOW USE A PLASTIC SHEET OF AND HEAT IT UP SO I CAN MOULD IT INTO A CURVE.

COMPONENTS: 



EXPLODED VIEW



ISOMETRIC


BLACK: THIS IS THE ORIGINAL SHAPE OF THE BOX.

BLUE: THIS SHOWS THE END OF THE BOX AND IT IS AN ADDITION SO GIVE THE BOX A BETTER AESTHETIC VALUE.

STAKEHOLDER FEEDBACK: 5

* You should put an interior end onto the box so the sound is still efficient and then put a plastic mould over the end so the end is not curved to the aesthetic value* - Mr H

Mock Up / MODEL



THIS PHOTO SHOWS THE BACK OF THE SUB STORAGE BOX.

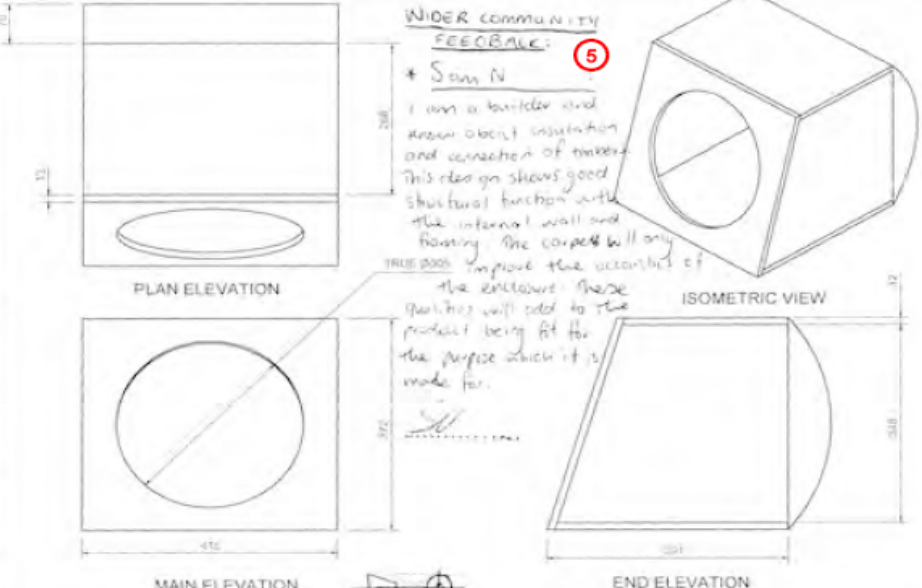
THIS PHOTO SHOWS THE FRONT OF THE SUB STORAGE BOX.

6 FEEDBACK

JONNY (CLIENT): THIS IS A GOOD INDICATION ON HOW WELL THE SUB BOX IS GOING TO FIT INTO MY CAR BOOT. AND THERE IS SUFFICIENT SPACE FOR MY SPORT AND OTHER GEAR. HOWEVER, IT IS NOT NECESSARILY BUT IT WOULD HAVE BEEN GOOD TO HAVE THE ROUNDED END MODELLED THE MOCK-UP.

WIDER COMMUNITY FEEDBACK: 5

* I am a builder and know about insulation and connection of timber. This design shows good structural function with the internal wall and flooring. The carpet will only improve the acoustics of the enclosure. These qualities will add to the product being fit for the purpose which it is made for.



PLAN ELEVATION

MAIN ELEVATION

END ELEVATION

ISOMETRIC VIEW

6 Evaluated "Fit for Purpose"

As you can see the sub storage box fits into the space required with relative ease. The black indicated the boot floor and the sub storage box still allows enough room for extra room for objects to be put in my clients car boot. At the front of the car boot there is still space so that the subwoofer head will not get damaged.

It will be made from plastic so that it is cheaper to manufacture as my client did not have a big budget to be able to afford the process if I bent the wood.

Placing it in the car boot means that it would be out of sight of would be car burglars so it would provide a good sound solution but not get stolen.