House & Multi-tool 2

### AS 91337: Use visual communication techniques to generate design ideas (3 credits) – 2014

| Achievement  | Achievement with Merit  | Achievement with Excellence  |
|--|---|--|
| Use visual communication<br>techniques to generate design<br>ideas.                  | Use visual communication<br>techniques skilfully to generate<br>design ideas.   | Use visual communication<br>techniques effectively to<br>generate design ideas.  |
| Visual communication techniques are used to generate ideas to show design qualities. | Visual communication techniques are used <b>skilfully</b> to generate ideas to show design qualities with <b>clarity</b> through well-articulated visual means. | Visual communication techniques are used <b>effectively</b> to generate ideas to show design qualities with clarity and a <b>depth of understanding</b> through well-articulated visual means. |
| Design ideas are produced that explore identifiable design qualities                 | Divergent design ideas are produced that explore identifiable design qualities  | Divergent design ideas are produced that are explored and extended to show identifiable design qualities.  |



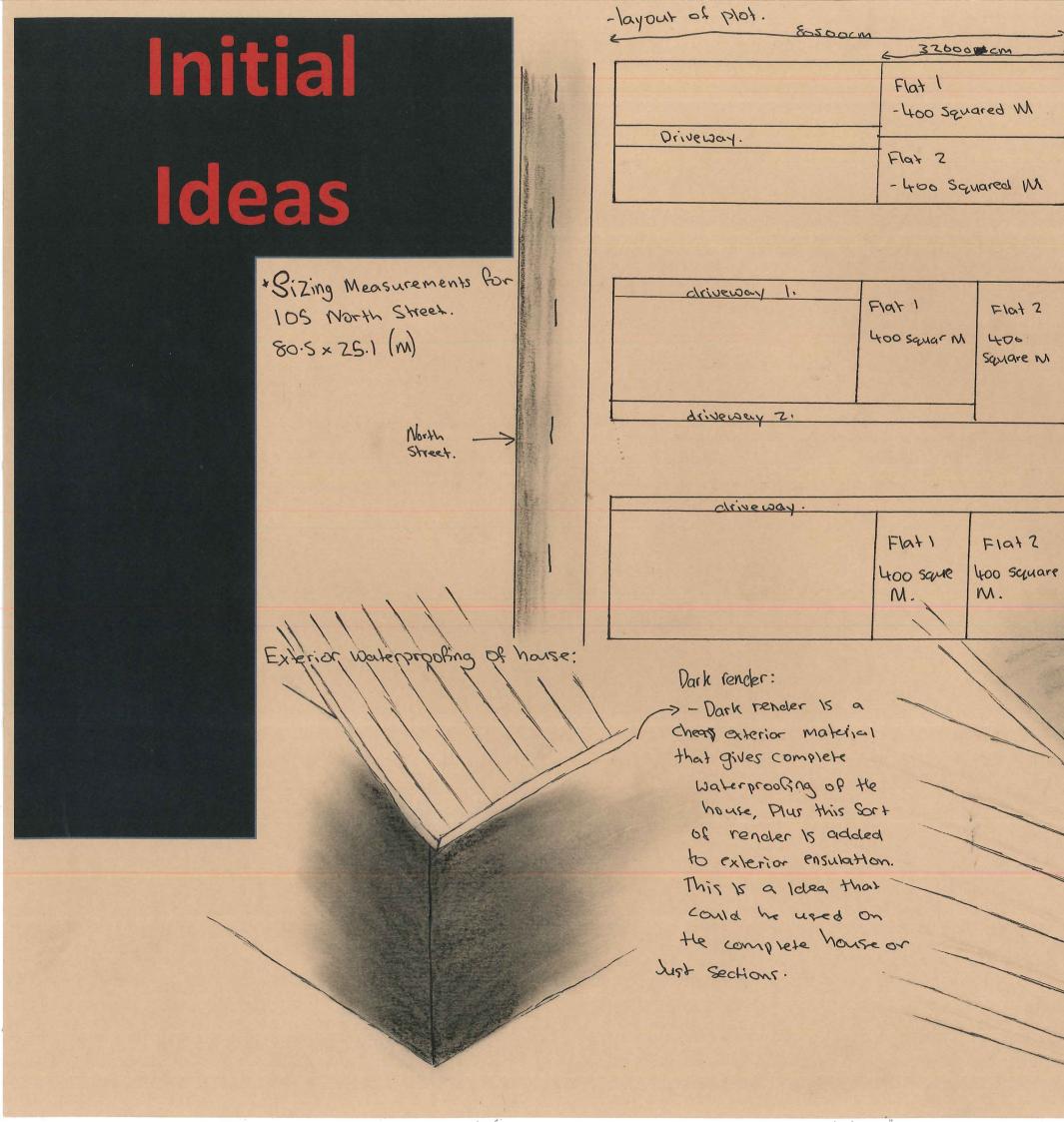
#### Commentary:

The multi-tool project has the stronger drawings in terms of showing the features of the design clearly and in very good detail. Some of the finer details are not quite refined enough or suitably articulated to a decent scale to convincingly communicate to the excellence level. The house drawings are not to the same standard of visual communication.

The submission does show different ideas within a single context. This is evident only within the house project, where there are different floor plan ideas that consider functional options and some simple window shapes and roof forms that consider aesthetic options, though just to an adequate level. There is essentially only one idea for the multi-tool.

In summary, the multi-tool is providing the best evidence for the top line; the house providing the best evidence for the bottom line.

A low Achieved.



- Same overall Dimensions. Simple overall layout easily developed Into

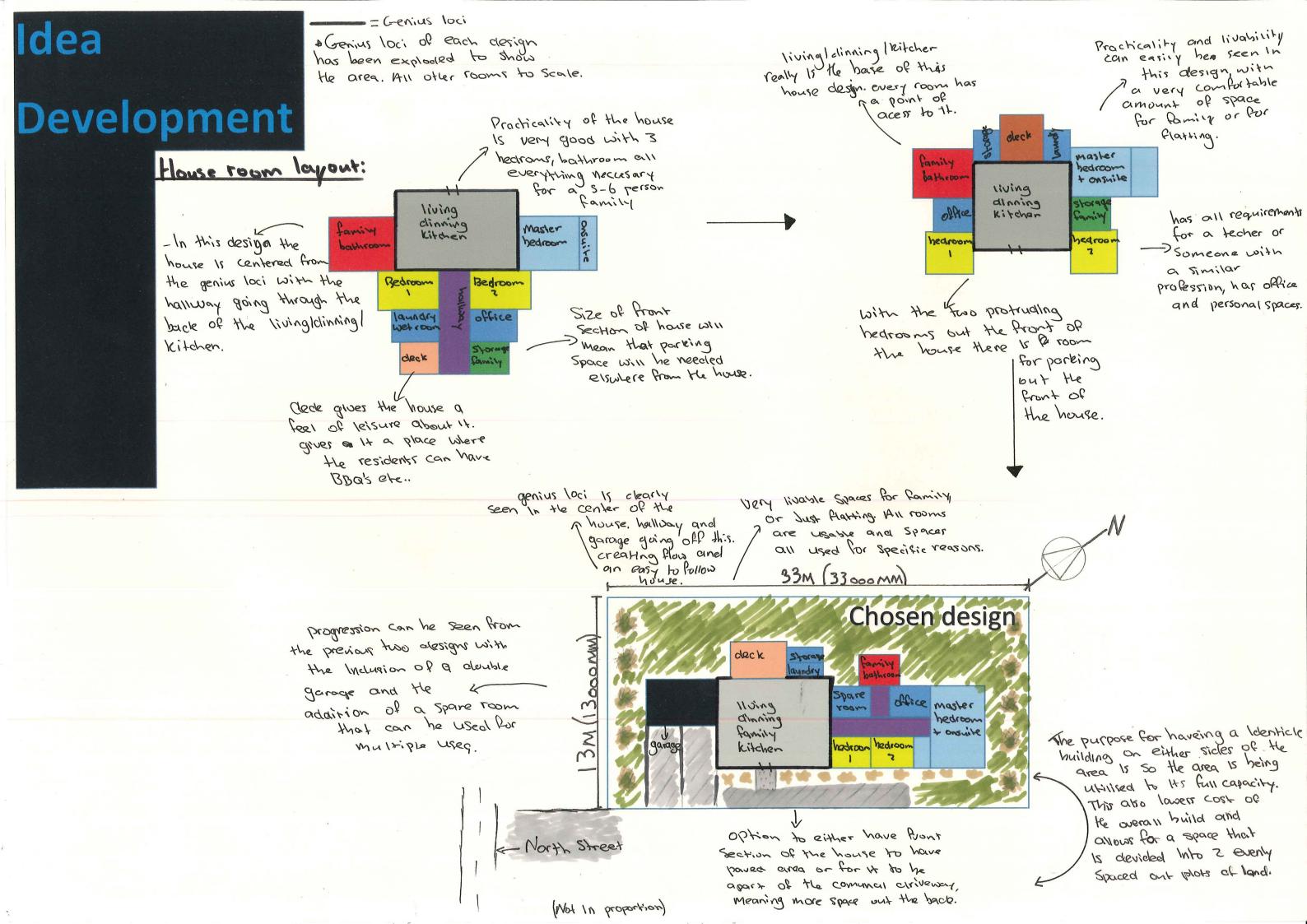
a More benifitial area for two familys. 12500 on The shared driveway 15 a very good use -> of space. The two houses would have Seperale parking Spacer so that the area is clear. Smaller flats could be aded to either side of the drivenay.

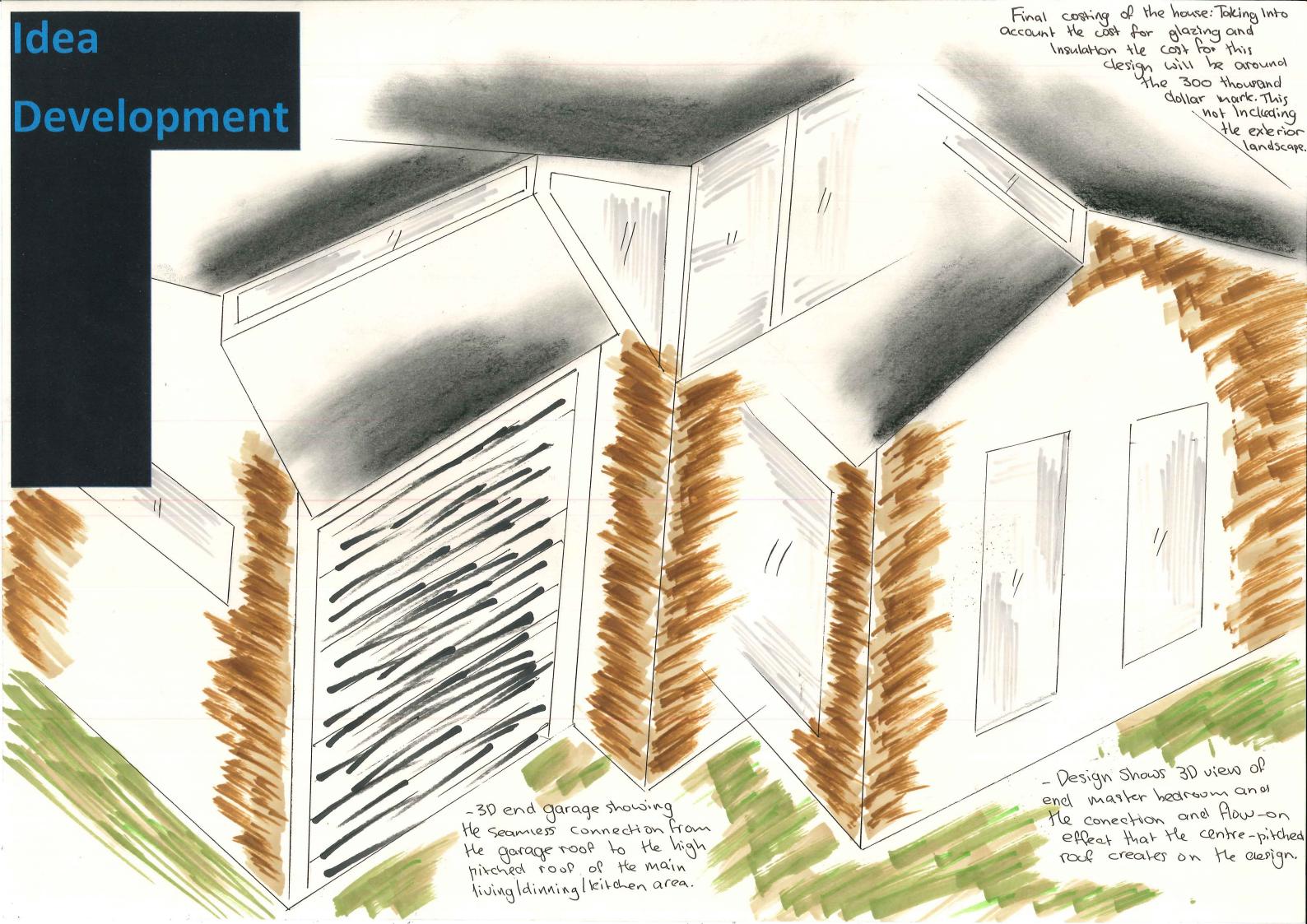
Double driveway design in my eyer is a waste of usable space. Sharing one driveway has -> the Same outcome with more herifits. Having Seperale diveways does give each house more Privacy from neighbours however. Adition of other flots along the middle of drive ways.

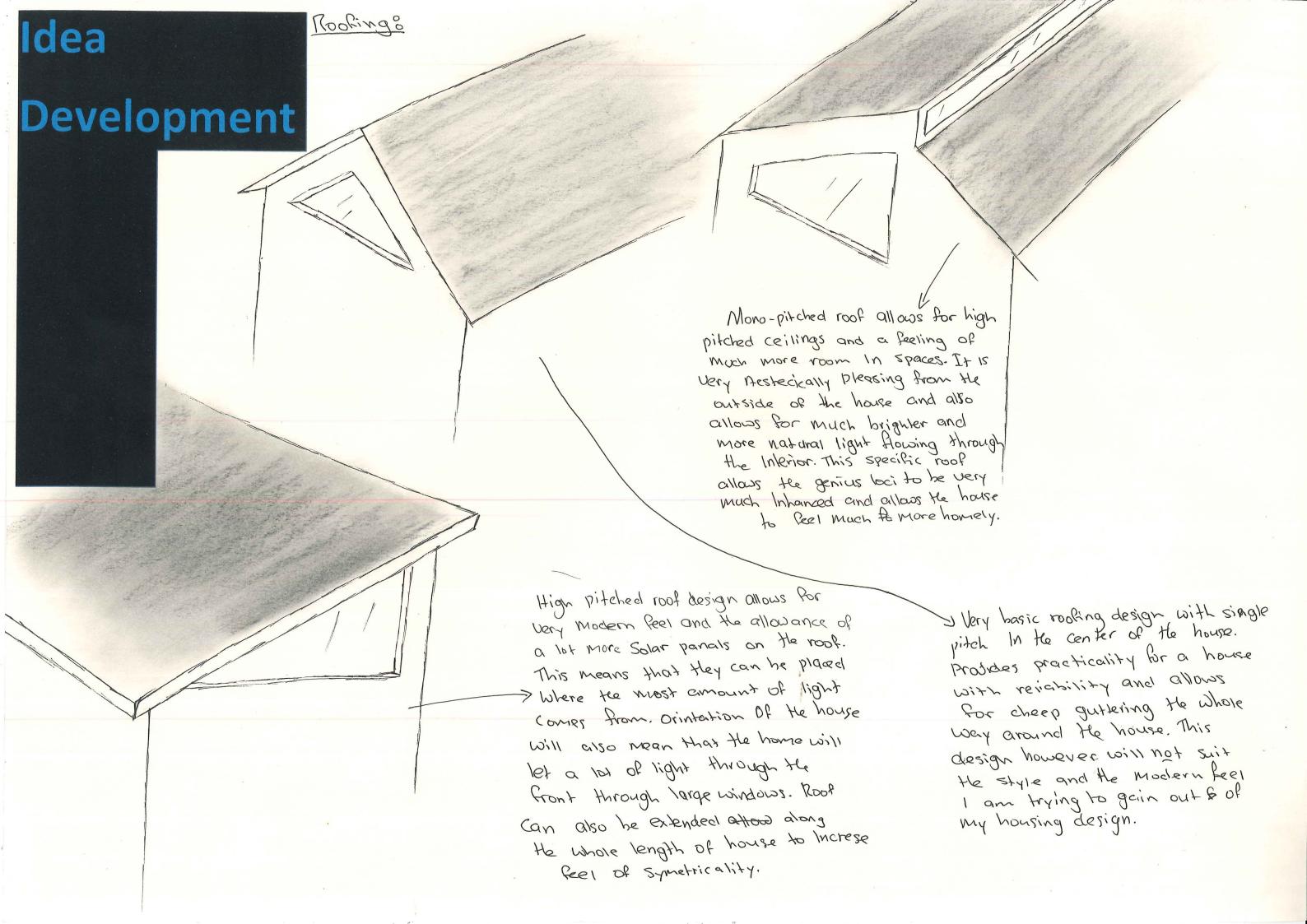
Very practice layour of the space. chriveway Venilits both flats. The addition of other buildings would be useful also. Size of -> the overall Plot Means that this could he the hest use of space. This design also benifits from the sun coming up each worning.

Surface.

Oversized weatherboards: - oversizing of the normal weatherboard gives a very modern feel to the normal house. This bookered can he very eco-friendly with the re-using of previously loved boards. This can he used with other Malerials such as the dark render or an exposed brick







# Idea

## Development

Chilings with a

and He

pitched roof

In the centre

provides light for the garage

hallway alike.

Window layout:

-All windows are double glazed This for protection from sun and more Insulation of the walls.

High pitched windows give great light all throughout the kitchen, dinning, family rooms. These are fully double glazed So that during the night cold our doesn't get Into the house.

11

Bi-fold doors acting

the house

11

the house and also anothern

point of Natural light for

as the entry point to

Keepint the large windows on the top of the Wall giver a much more modern Lee1.

11

Single Large window for both bedrooms then one smaller for the on-suite the one over sized floor to Ceiling window for the master hedroom.

Due to the size of the room the addition Of a floor to ceiling Window adds natural Tight and a much more modern feel to the design.

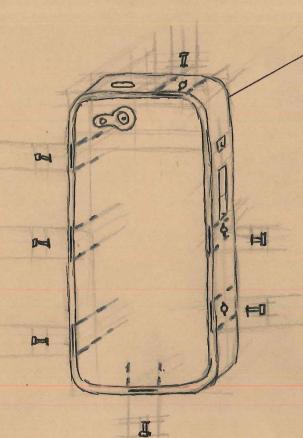
Over-sizing the window that was already there increases the light, but the Incorporation of Stainless Sleer framing adds a modern terl and another fexture.

#### Linal concept:

- I will keep the large windows on the top of the pitched wall the hedroom windows will he extend with a large master hed room window. With the living dirning kitchen wan I will have an extended hi-fold on the left side of the wall and then keep the large windo to the right of the bi-fold.

keeping the large over sized window for the master bedroom however loosing the smaller window so that the hearoom windows can he extended. the nestural light from the hedroom provider enough light for the on-suite.

Opposite Connection



Phone protector displaying He connection method to He Multibool case. heorporating the 7 small turn rods to give look. Security to the fact the boil is secure.

-Pleasing Contast between the two Materials however practicality Is at a miss. The laminated Wood comprimises on glip and plastic frim closs not add any good practicality aspects.

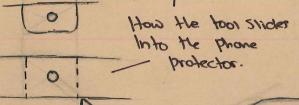
Itius, bood warned

plastic trim



Plastic gloss with orage rubber tim.

- Ergononikally this elesign 15 good however Kel rubber trim means He connection to the tool Will be compromised on. Not enough shength come, from this design

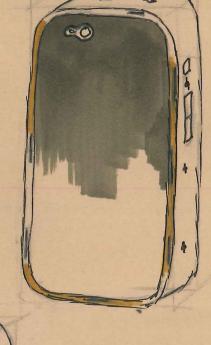


Stainless steel with high gloss plastic trim.

The practicality aspect In this classign Is very gload with a resonably Solid connection point with the plastik. The steel

good grip

also provides for the user.



Magnetic Screw rod. This is simple and provider Strength and reansurance that the bool is sale. However It can stip out easily.

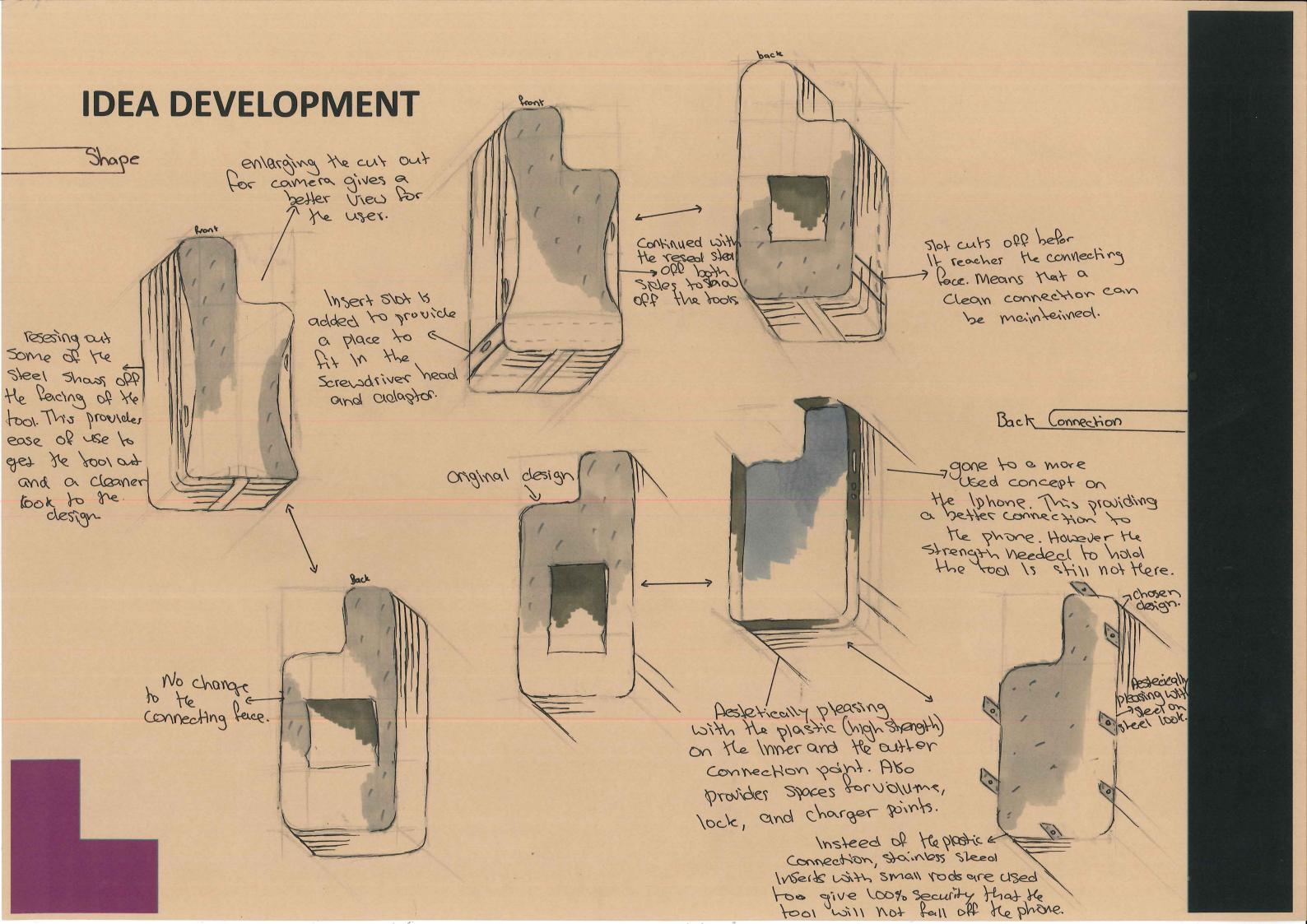
\* All Screws are made

from Stainless Steel

turn Screw provider
Uny good strength
In the way the soon
will never come
loose from phane. However expernal thread nut could become a bit -cidly unknessing the hus every time you wans to take It

provides Re most strength out of all the nuts however unpacket Of Mere 15 Way boo Much Work unsciening everyttme you want to take tool ofc.

Orange rubber, with Stainest Steel tim. - Rubber providing very good practicality with the grip provided, with the Stainless Sheeds frim This combonation provider q Perfect conection point for the tool Itself.



Tool Placement

-Inhelineer each tool

Is a 0.5mm wide washer

Seperating the tools

from one another.

This means that each

tool can be lifted

bot others coming

without but others coming

up of the same time.

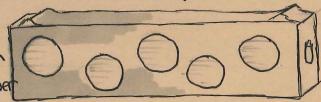
Stainless steel: Stainless steel is a very strong and rust/scratch resistant material. It is used in took because of its resistance to go blunt. It is a typical sy shiny material.

Tool steel: Tool steel Is also a very strong Metal however the modern/clean look that I am after cannot be achieved with this Metal.

\*Stainless skel Is the choice for all tools. \*Magnets are used in the screwdriver heads.

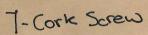
> - grover In either ends of the slot look the peice in Place.

-The slot is made from hendable rubba



agaptor

Insert Slot

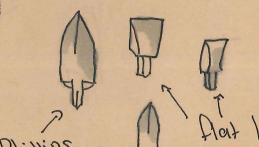


8-Screwdriver adaptor

9-Allan key (6m)

10-Allan key(8mm)

11-Allan Key(lown)



head head

-an heads fit Into the Slot securiously so that the top and bottom is flaush and the slot can be removed and put back in cleanly.

1-large blade 2-Serated blade

3-ruler

4-Small blade

5-bottle Opener

6-Allan Key (4mm)

Scare/Proportion





Finat

Exploded

