Planning for Making

1. **Production Drawings**

When your final solution has been developed to the point where you are sure that you have the best possible design, and all of the details are clear, then you need to produce drawings which can be used as plans for the finished product.

- They must be accurate drawings, dimensioned and drawn to a suitable scale

- Suitable drawing methods are:

a) Orthographic projection b)Measured perspective c) Isometric projection

Your working drawings should also include drawings that deal with circuits or construction stages as well as assembly or maintenance. These drawings should include a list of all materials needed as well as cost.

*REMEMBER THE GOLDERN RULE*

*- It should be possible for someone who has not seen any of the folder to be able to make your design from this section only, without either reference to you or to the rest of the folder.*

**b) PLAN OF MAKING**

This format may be used in order to plan out the stages of manufacture of your design. It should enable you to work in an organised fashion and to get everything completed in time.

THE PLAN FOR PRODUCTION

1. DEADLINE (HANDING IN DATE)

2. NUMBER OF WEEKS TO DEADLINE (NOT INCLUDING HOLIDAYS)

3. NUMBER OF WORKING HOURS PER WEEK

4. TOTAL NUMBER OF WORKING HOURS UNTIL DEADLINE

(THIS CAN ALL BE IN A GHATT CHART FORM)

You need a step by step how to make sheet. You can use the proformas the department has or make your own like the suggestion below.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Action | Equipment  | Part | How it went |
| Stage 1 | Cut the foam board into 3 lengths 100 by 200 to create two side sections for the back of the café. See drawing 1.3 - rear of café. | Cutting board, knife, and safety Rule | The two side sections A & B | Found it difficult to keep online. Necessary to keep blade upright |
| Stage 2 | Cut 6mm MDF in to 200 by 75 lengths | Jigsaw | Base section C | I had problems cutting to this length, so I made a 5mm adjustment |
| Stage 3 | Glue side A to base piece D | Epoxy Glue | Side ABase D | Found it difficult to hold so got a small G clamp to help hold whilst drying |