

## TDJ4M 12 ISP

You are to make a 2500 hundred square foot house complete.  
(No bigger)

**Answer these questions as part of your design**

1. How well-planned are the social (formal and informal) zones, work zones, private zones?
2. Do the zones overlap where functions interrelate?
3. Evaluate allotment: 80% for living space, 10% for halls, and 10% for storage. How does your plan meet these requirements?
4. Evaluate the size, shape, and the proportions of the major rooms.
5. Evaluate the traffic patterns.
6. Evaluate the storage.
7. Evaluate the kitchen.
8. Comment on the layout and space planning of the bathrooms and laundry, also workrooms and spaces for special purposes.
9. How adaptable is the plan for changes in family composition and lifestyle?
10. Evaluate the emotional appeal of the plan, as well as comment on the proportion and scale of the house.

Websites resources:

**\*\*<http://www.smartdraw.com/downloads/index.htm>**

**<http://www.fbibuildings.com/Pages/FBiPlanner.html>**

**[http://www.designbasics.com/Plan/search\\_comp.asp](http://www.designbasics.com/Plan/search_comp.asp)** (just gives your floor plan ideas)

**<http://www.houseplans.com>** (gives you floor plan ideas)

**[http://andyshowto.com/room\\_design\\_floor\\_plans.htm](http://andyshowto.com/room_design_floor_plans.htm)** (floor plan information)

**<http://www.dreamhomesource.com/>** (floor plan information)

You are to make a scaled model. I will leave it up to you to come up with an appropriate scale. Choose materials that are easy to work with. Marks for creative use of the CNC and the 3d printer will be given.

### Mark allocation

CAD drawings in paper space on 8.5 by 11. Each floor and front elevation. Use layers!

35%

Questions answered in detail

10%

Interior Design of kitchen (only). Can use sketch UP, manual drafting or other.

15%

Scaled model completed with attention and detail and accurately reflects drawings

40%