

Design Project – Building Proposal Form (2024/25)

Student Name : **XXXX**

Student Number : **XXXX**

Building Proposal

For your case study building you will be producing 2 documents project 1 and project 2.

P1 - You will represent MEP design engineer. Design MEP services for your case study building – equivalent to RIBA stage 2.

P2 – You will choose a discipline of your choice. M/E/P you decide. You will design for your building, with calculation to support your design, for services to the discipline of your choice – equivalent to RIBA stage 4.

You can propose a case study building to work from. Module leader will then allocate you a location for your building plus potential variations to the building use. The module leader can also assign you a case study building, you will need to let them know that you require a building to be assigned to you.

There is no budgetary constraint for your design of services, so you have full design control as to what services you wish to implement/design into your building.

Your building must meet the following minimum requirements:

Min number of floors (levels)	1
Min size	1000m ²
Building use	<u>Must have a specialist environment</u> e.g.– Laboratory, Data centre, Medical environment - hospitals, arenas/stadiums, airports, multi-use education building with labs etc These areas can be artificially added or created to existing architectural layouts.
Floor plans	Must have DWG or PDFs of floor plan for each floor of your building

This form should be completed and you should be provided approval prior to starting work on the reports.

Full details will be presented to you in the first Design Project lecture.

Your proposal :

Building name	
Number of floors	
Total floor area	
Why do you wish to propose this building?	
In a few sentences describe your building – e.g use	
What are the technical challenges of your building	

Insert graphic and floor plans of your building if you have one (you can attach floor plans in PDF format to the email if this is easier).

HIGHLIGHT YOUR ANSWER

Building drawings	Do you already have these? Yes / no
Building info	Is this a real “live” building? Yes / no
Preferred discipline for P2	Mechanical / electrical / public health / don’t know

By signing below, you are confirming you are not involved in the design or management of this project in my workplace.

Student signature _____