# LSBU EREID 2017 Task 4

Dear Students

Your W4 > W5 Homework assignment

LSBU EREID 2017 page <u>http://greenbuildingencyclopaedia.uk/?p=9905</u>

Task 1 > Week 2 Homework <u>http://greenbuildingencyclopaedia.uk/?p=9967</u>

Task 2 > Week 3 Homework <a href="http://greenbuildingencyclopaedia.uk/?p=10033">http://greenbuildingencyclopaedia.uk/?p=10033</a>

Task 3 > Week 4 Homework <a href="http://greenbuildingencyclopaedia.uk/?p=10189">http://greenbuildingencyclopaedia.uk/?p=10189</a>

Task 4 > Week 5 Homework <u>http://greenbuildingencyclopaedia.uk/?p=10290</u>

Supporting Lecture: Go to <a href="http://greenbuildingencyclopaedia.uk/?p=2084">http://greenbuildingencyclopaedia.uk/?p=2084</a>

## Life skill

- Read this more than once before you start, often during and at least once after you think you are finished.
- Read with highlighter in hand and highlight the important issues that you need to address
- Check off the highlighted items against your work until you have done it all
- Add deadlines to your electronic diaries with advance warnings and alarm calls on days of submission and attendance and no not press snooze or you will snooze through life.

## x pages with:

- · Learning from your previous brief and your building's uses.
- Learning from your previous site and surrounds investigation, building and adjacent building survey/analysis.
- Update them if you find they are not detailed enough.
- Use the lecture and the lecture PDF as a checklist for your analysis.
- See also Elemental Seminars from LSBU Degree Part 1 Year 1 series (I have added to GBE website)
  - Supporting Lecture: Go to <a href="http://greenbuildingencyclopaedia.uk/?p=2084">http://greenbuildingencyclopaedia.uk/?p=2084</a>
  - These show extracts from the Principles of Element Design book in the first few slides of each
- Describe the internal and external conditions that your sub-structure, structure and external wall including windows, glazing, doors, hatches, roof, rooflights and ground bearing or suspended lowest floor (if you have one) and will be required to resist.
- Describe the different conditions either side of internal partitions, walls, floors, ceilings between different functions that these elements are required to resist.
- I have added 2 pages from the CI/SfB classification manual Table 4 Requirements Properties Processes
   Focus on (J) to (R) initially and any others that see relevant to your project
- Feel free to illustrate with a generic section through your project or a notional building with all elements
   and their performances noted
- You might even consider setting U, R, Psi, G values, Airtightness levels, Decrement Delay values, (Consider Building Regulation > BREEAM > Passivhaus > Positive House values)
- This illustration could be very simplistic, or more detailed layering of the Performance Drawing rather than the Prescriptive Drawing approach; as shown in the lecture
- This task may also be served by a schedule of requirements or a matrix
- If you find this hard to do just make your best guess and write it down
- I would rather you say what you think, than silence
- Try to limit your time on the task so as not to eat up your studio design time
- Try to limit yourself to 1-3 pages A3
  - (1:50 section surrounded by list of performance requirements could be enough) Your best architectural drawing annotation handwriting or proof read spell checked typed text) Refer to information sources with URLs where you can
- · If you do more than one page consider including illustrations of issues addressed
- Consider one illustration per issue/paragraph one issue/paragraph per illustration
- You can substitute: icons, schedule, picture, cartoon, diagram, chart, etc. for illustrations.
- Make each page interesting to look at and consider them as part of the work hung on the wall with your scheme
- Use bullet points (summery of the issue) not sentences with bullets at the beginning
- Front load your bullets with the information that's important, for example:
- Partition Acoustics: Require 30dB insulation between 40dB one side and 10dB the other
- This becomes a checklist for presenting your scheme on crits and allows others to understand your scheme in your absence

# What not to do:

- Do read Academic Comments File (in dropbox folder) and see what others did badly and do not do the same.
- I do not think this was ever carried out well previously hence focusing on it this time.

# For example:

- Make sure you are answering the requirements of the homework
- Remember the project brief (dictates internal uses and conditions) and see what the site/building offers that might help meet the brief.

- Remember your site analysis survey and consider what the elements of the building need to resist.
- Number each issue, I will expect to see cross referencing backwards from subsequent homeworks and forwards (added later) between aspiration/requirement and its development through following stages.
- If the brief is too brief to allow cross referencing then expand the brief and cross reference
- I want to see that you can respond to a brief, analyse the building and see how it might help meet the brief.
- So beef up your brief if it falls short, to make it easier to relate the performance to the brief.
- Highlight any updates to the previous homeworks so I can see the differences easily.

#### Remember you are not 'designing or specifying assemblies or materials' yet,

- Remember you are only just developing the requirements of the building elements
- Not 'designing' yet, you may be prematurely thinking about methods of construction and materials (try to resist)
- The information you create now will help you choose the right methods of construction and the right materials in subsequent homeworks.

#### Handing it in

- hand in at the next lecture, on 1 or many sheets of A4 portrait or A3 landscape paper depending on how much you
  want to say;
- If you use multiple A4 or A3 bind, staple or footnote each so they can be found and read together
- File in dropbox task folder, at latest 23:59:59 the night before lecture W5.
- If you have updated previous homeworks add them to the same dropbox but add a number (starting with 2) for me to consider and improve your score if applicable.

#### The deadline:

- Will be 23:59:59 the night before the next lecture, so you get a good night sleep before the lecture
- Life skill: add it to your electronic diaries with advance warnings and early morning wake up calls, turn off snooze function and get up.
- But the files that arrive sooner will make me happier as a client.
- Because of the logjam before midnight I will now remove them soon after they arrive so there is room for all.
- If all else fails email me with attachment before midnight
- I will collect the last files at 04:00 am on the day of the lecture (this is not your deadline).
- If you miss the 12:59:59/00:00:00 deadline do the work anyway and do it as soon as possible, it will be taken into account in the final score minus points for lateness.

## The file naming convention:

- So that you do not overwrite each other's work when you drop files into dropbox
- "Task 4 your name EBB7525 ERIED 2017.doc" or .docx" or .pdf"
- · depending upon the version and software you use.
- Do not add extra hyphens or brackets or gaps to the file name, do not close gaps that I put there.

You can do the work with colour

Replacing previous homework files with a better one:

e.g. "Task 2 your name EBB7525 ERIED 2017 2.doc" or .docx" or .pdf"

#### DropBox (how dropbox works let column and scroll down)

- I have opened and added your email addresses to a dropbox and invited you to visit to collect files and deliver files there too.
- I added subfolders which you will be able to see, please use the sub folders.
- · Let me know if you still have not had an invite to dropbox.

# Scoring: In the weeks context marking is: (7 points)

- · Was it on time?
- Was it delivered by dropbox?
- · Was it delivered on paper at the lecture?
- Did the file name adopt the convention?
- Did you describe all elements and their performance requirements? Say something not nothing
- Have you done enough to analyse your building, site conditions, internal functions, elements and propose their performance requirements?
- Did you number items to allow cross referencing? To Tasks 2, 3, 4, 5,.... Etc. To the end

# Scoping of resubmitted work

- Did you upgrade your previous homework(s) in response to this one?
- · If the previous score was low then they may be upgraded

#### Regards

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