

VSMN15, Integrated design, structures and architecture

AAHN10, Integrated design, architecture and structures

TASK B – Wineries

Task description

Each group will work with their respective reference project – one of the wineries.

Your task is to:

1. Describe the building
 - a. Choose a building of the winery, or part of the winery (e.g. the production main hall, an exhibition centre, a cellar)
 - b. Show in pictures and drawings the main structure of (1a)
2. Analyse the building
 - a. Describe what loads are acting on the building
 - b. Describe/discuss how the shape of the building as a whole and how the shape of separate building components (beams, walls, ...) relate to (2a)
3. Suggest three versions of how the building (1a-1b) could be designed in terms of
 - a. Expressing even further the relation between load and shape (2b)
 - b. Exchanging the main load-bearing material to another material
 - c. Exchanging the structural system to a different one, for instance going from a slab-on-multiple-columns to a buttressed-arch or a truss-on-walls

Presentation & tutorials

General

The work should be presented in A3 format, **3 papers**, preferably in landscape orientation as they will be presented on a digital projector+**1 page of text**.

Make sure that the file format is *.pdf and verify the resolution (dpi) for raster images. The three papers should relate to items 1-3 above, respectively.

The **one page of text should describe what is shown** on the three A3-papers.

Make sure that the names of the group members are clearly visible on the first page!

Regarding presentation of item 3 above:

An important part of explaining an architectural/structural design is in the story of how you arrived at the final result, and as such we want you to include a set of sketches from the work in progress, explaining why you made some of your decisions.

Consultation will be available, see the detailed schedule in the course PM. Note an error in the first version of the course PM: Consultation is available 2017-02-05 13-**17**. In room A:3015. An updated version of the course PM is available on the course webpage.

Final critique is on **Monday 12th of February**, see course PM, and you should upload your final design to the **Dropbox** before the presentation, **24:00 Sunday 11th of February**, at the latest.