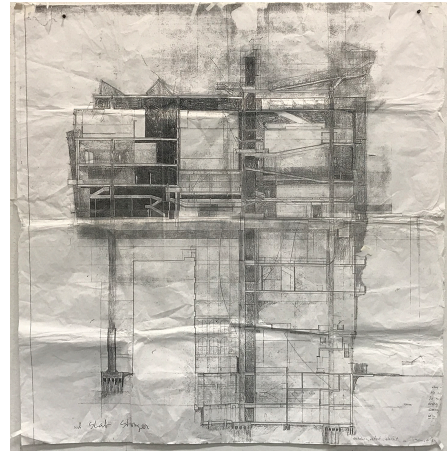


Studio Professor

Henri T. de HAHN

Studio: Cowgill Hall 4th Floor (402) Burchard lot
side
MWF 1:00 – 4:50pm
Seminars: TBD
Office hours: MWF 11:00 – 12:00 or by appointment
Contact: Office: 540-231-2680
Email: hdehahn@vt.edu



PROJECT 2: How do you see and conceive? How to develop a section.

Assignment given: Friday, October 2, 2020
Assignment due: Monday, October 19, 2020 1:00pm
Review in studio or online

INTRODUCTION

This project is to be conducted individually.

You have accomplished much since the beginning of the semester through analysis of precedents and by learning how to sketch and draft. It is now time to venture into your first design foray, one which will set the stage for the final project of the semester: a modest yet complex project that encompasses a site, a series of walls, and the design of a small house/home/dwelling.

I will acknowledge that much of what you have been doing is understanding the analyzed projects through plan, although the section has been an important feature in understanding the three dimensionality of the project. In today's assignment (project 2), I am asking you to develop a section at a large scale, without a plan, and through a series of architectural elements that will enable a spatial journey to take you from the horizon up and down within your section.

In addition to the analysis project, you were asked to acquaint yourself with the meaning of a section, and how to manipulate it through four (4) different strategies. A blog on my website may assist you in understanding some basic spatial components: atelierdehahn.com/architectural-education-question-of-section/

TASK

"Architecture is experienced as one roams about in it and walks through it... So true is this that architectural works can be divided into dead and living ones depending on whether the law of 'roaming through' has not been observed or whether on the contrary it has been brilliantly obeyed." (Le Corbusier, 1942) The "promenade architecturale" – the observer's pathway through the built space – is a central element of Le Corbusier's architectural and city planning designs. It is the sequence of images that unfolds before the eyes of the observer as he or she gradually

advances through the structure. It is the creation of a hierarchy among the architectural events, a set of instructions for reading the work – the "internal circulatory system" of architecture. With the help of the "promenade architecturale", Le Corbusier created virtuosic imbrications of indoor and outdoor space, fluid spaces that reveal themselves as the visitor progresses. Architecture constitutes the space of processes of movement.

<https://www.degruyter.com/view/title/201893?language=en>

<https://www.spacesmith.com/blog/architectural-promenade>

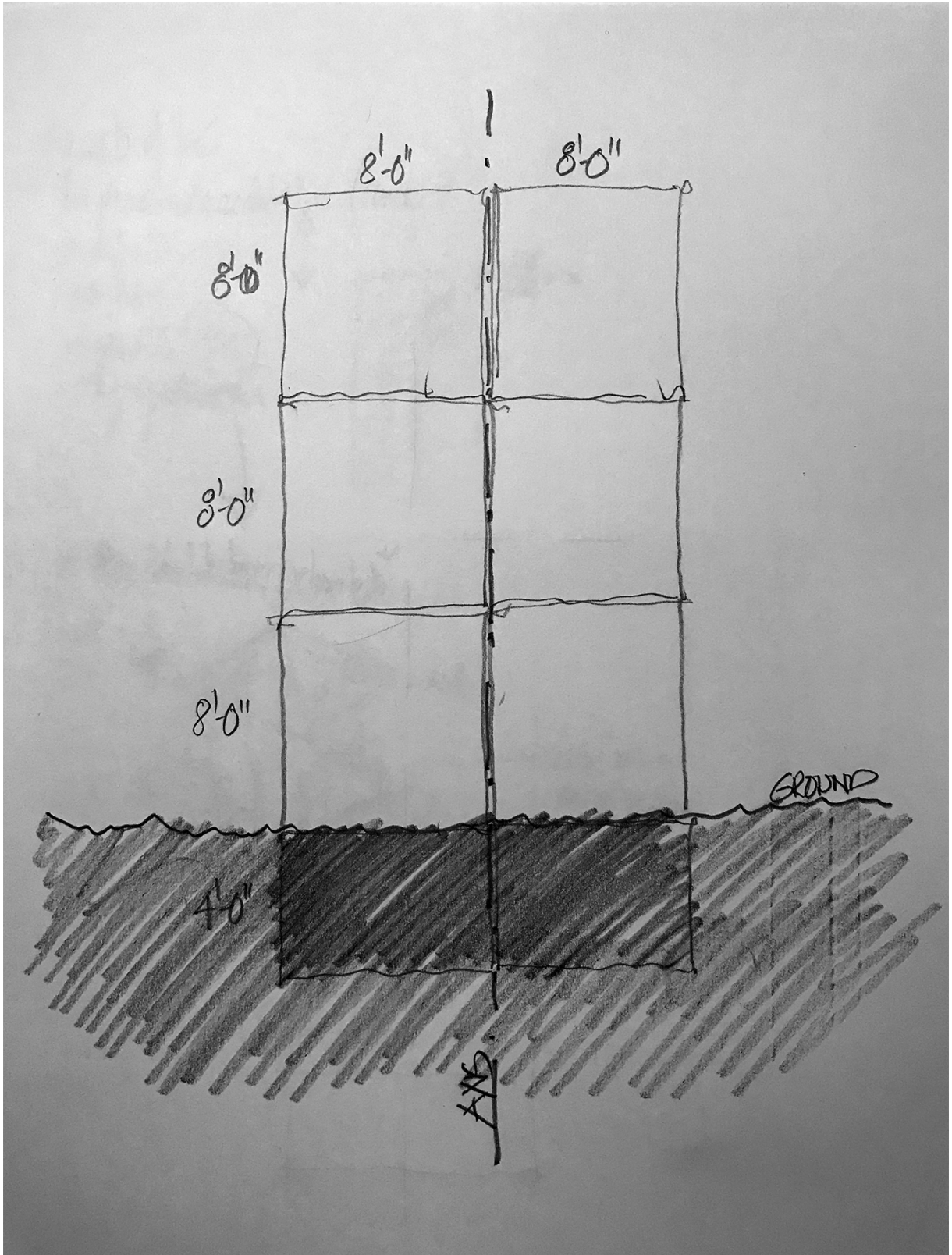
Invent a section that is purely poetic, yet functional, that showcases how you think of movement (architectural promenade, see above), repose, ascension within a vertical building (section) based primarily on a series of circulation systems. One ramp, one stair, one spiral stair and one elevator are required. You need to invent a narrative, a story that allows YOU, the participant in your section to experience the space that you have envisioned. This is not a static exercise where you are the outside observer. You need to be inside your section and walk up the ramp, stairs, take the elevator and experience visually all of the space that is around you, inside the section, and views beyond the section which we will consider the outside context—a context that you can invent as well.

We spoke some weeks ago about modes of circulation and attempted to typify them within various categories. Now it is time to revisit your sketchbook and implement our discussions.

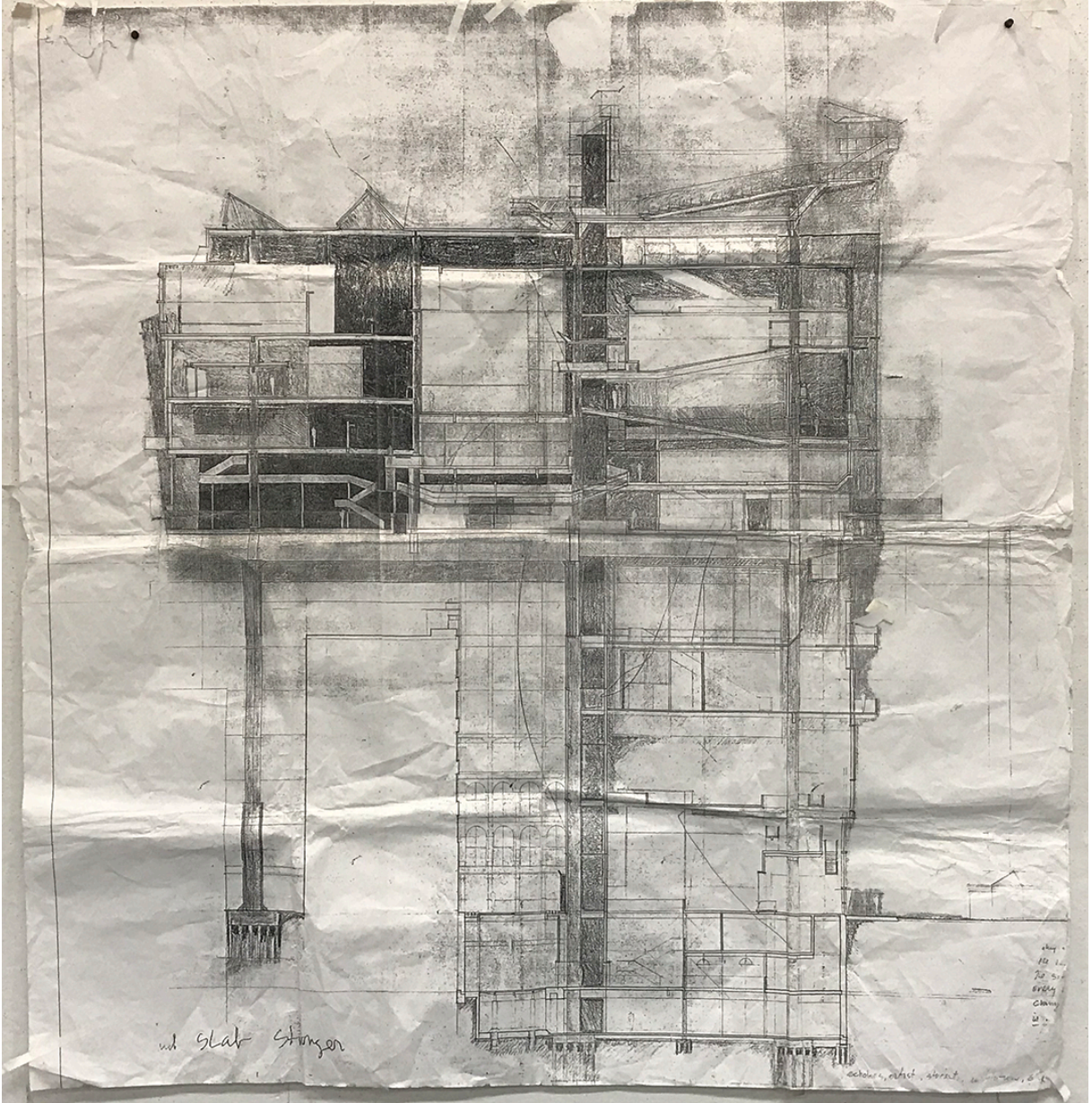
To start the project, you have a fictive canvas of the following dimension: 16"x28" - see drawing below. This canvas defines the vertical portion in which your section will take place. These boundaries are guidelines which shall be discussed further in class. All drawings will be conducted on a white sheet of paper 24" x 36", which I know many students have already purchased. Scale of the drawing will be 1/16"=1'-0"

Exercises:

During studio on Friday, October 2, 2020, we will conduct 5 to 7 rapid exercises in YOUR sketchbook (at no specific scale), with a thick HB or F lead, to get your section to a level that you have never thought possible. I ask you to let your pencil and imagination dream, but all the while keeping in mind the architectural constraints that we learned during the precedent study.



Vertical Site of your section



Example of a section designed by John Ginocchio, student University of Kentucky (c. 1989)