

Studio Professor

Henri T. de HAHN

Studio: Cowgill Hall 3rd Floor Plaza side
MWF 1:00 – 4:50pm
Seminars: TBD
Office hours: MWF 11:00 – 12:00 or by appointment
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Courtyards in Spain and India

Architecture is the learned game, correct and magnificent, of forms assembled in the light.
Towards a New Architecture, Le Corbusier

INTRODUCTION:

As we wrap up your second year, our final project will introduce you to a set of skills that I believe will in a synthetic manner set you on a superb footing to enter third year. The overall project will follow this year's theme of domesticity from the fall analysis of California Case-Study houses to the open-air intervention for the Lüthi family, and the recent spring semester urban loft proposal. Compared to those three projects, where a set of well-defined prompts defined "guidelines" for you to develop necessary architectural skills, this project's prompt is more open-ended and designed as a poetic impetus for interpretative solutions. Not that you did not learn in the earlier projects that both function and program can and should coexist to provide a unique poetic solution, however, here the *program* is about poetry. You will need to define those parameters, those architectural guidelines, that will define the underlying order of your project. It is the faculty's intention that this project serves as a culmination of this year's pedagogy, where all of your acquired knowledge will be showcased synthetically.

PROJECT 2:

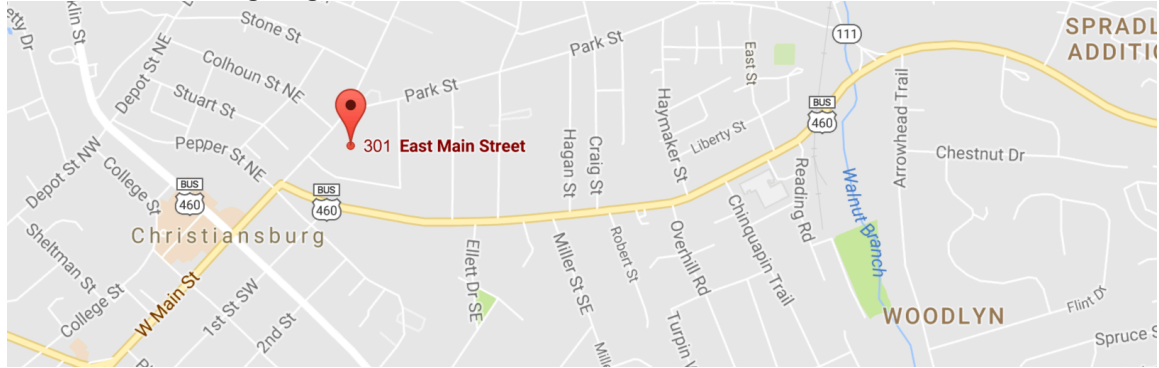
The prompt - the program as thesis - is about natural day lighting and how light significantly defines the architectural perception of spaces, and may suggest, and ultimately define, the location of the functions that you tackled in the *Urban Loft* project (Spring project 2017). The intention is to create a courtyard house typology where a series of voids (horizontal and vertical) are key to the quality of the overall organization of the project. The idea of domesticity has again a real site with specific constraints that will enable you to project a *model of life* of how a couple – this time with two kids similar to the Lüthi family (Fall project 2016) - will inhabit a house so that it becomes a home. Above any poetic intervention that serves as the prompt for this project "Understanding the principles of architectural lighting must be seen as a basic step towards achieving comfortable, healthy, and environmentally responsible designs."¹

You are to use the spatial functions of the *Urban Loft* project (see below) but with the additional caveat that office space(s) (a term defined by you) be provided for both parents. This suggests the idea that a dwelling in 2017 redefines the relationship between home and office and returns to

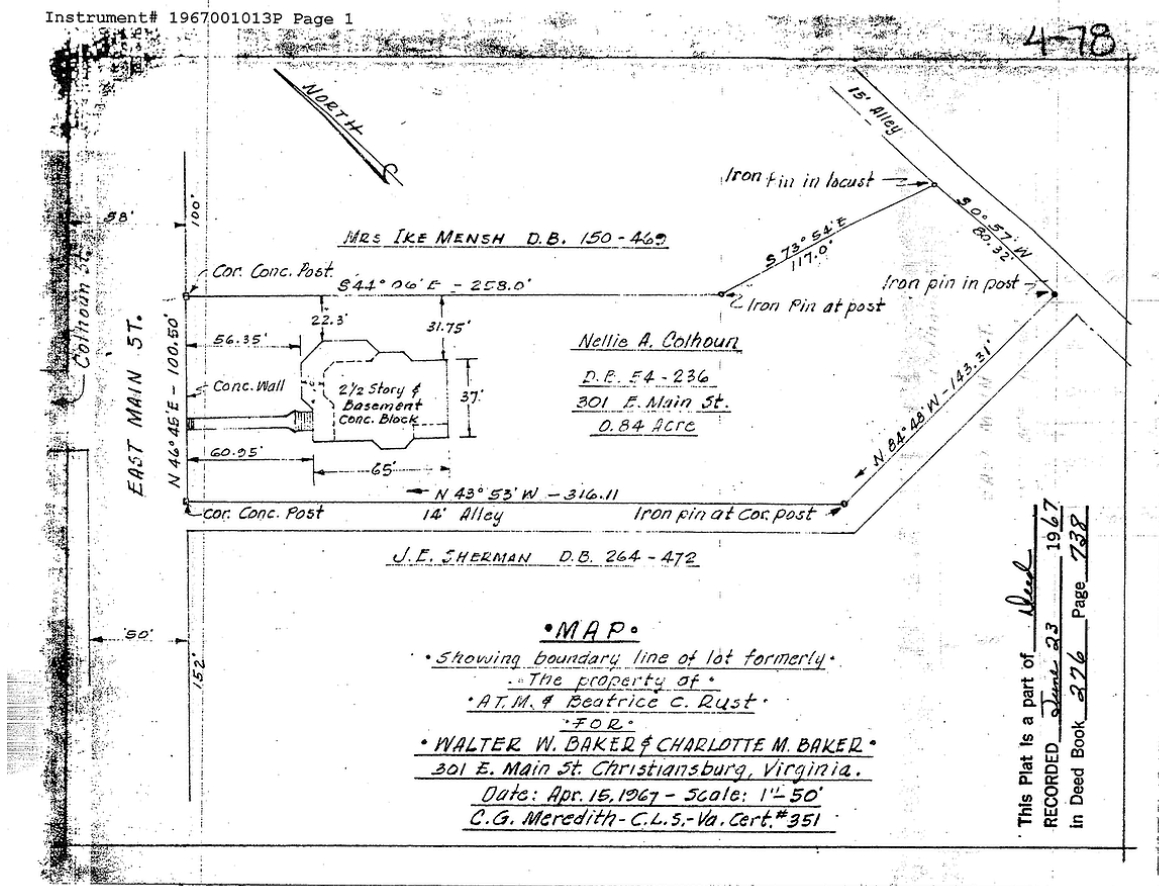
¹ Architecture Program Report 2016, University of Calgary, p. 161.

fully integrate those two activities as the digital world has enabled us to “work” in places far different than the typical designated office setting. The prototype of this house is complex – defined by light, by the resulting voids that create courtyard(s) and openings to the outside, and by the idea that the “new” suburban house is to be reinvented functionally, thus creating new spatial conditions for those activities to take place.

Site: Christiansburg Virginia



SITE: 37°07'55.64"N, 80°24'20.03"W, elev. 2135



The site of this project is located in Christiansburg at 301 East Main Street (see above images), next to your faculty’s home on what was called Socialite Hill. Originally homes for prominent local citizens, the houses have stood the test of time and, when constructed, the oldest homes on the

street were outside of town, extending into the countryside. An indication of the resident's prominence is that both 301 and 203 East Main had adjacent streets named after their owners: the street parallel to Main was named Junkin for the original owner of 203 East Main and the street perpendicular to Main was named Colhoun, after the owners of 301 East Main Street.

In placing your residence the location of the existing house must be the location of the new one. In studio discussions will highlight the various features of the plot map.

FUNCTIONAL REQUIREMENTS

Similar to those of the Urban Loft project – for the simple purpose that you are now well acquainted with their dimensions, and spatial relationships - you will add functions that can accommodate office space(s) for both parents. The size, quality, location and spatial relationship in the overall organization remains critical to integrate seemingly disparate activities. Office spaces are nothing new within homes, but here the intention is to suggest that there a new possibility to create a typology based on the reintegration of living and working under one roof.

Functions carried over from Urban Loft project:

- Bathroom –bathtub, shower, commode and two sinks (master)
- Bathroom – bathtub, commode and one sink (guest room)
- Bathroom – shower, commode and sink (public)
- Bedroom (master) with walk-in closet
- Bedroom (guest) with built-in closet space
- Dining room/area
- Entrance foyer
- Kitchen
- Library that provides a TV and study/work area
- Living room
- Storage area(s)
- Washer and dryer area

New functions introduced for the house at 301 East Main St:

- Office space(s) for both parents
- Bathroom shower, commode and one sink (guest room) if existing bathroom is not located near the office.

PROPOSED SCHEDULE: Eight (8) weeks

Dates	Suggested tasks
03.13.17	Project starts with site visit. Meet at 2;00pm on sidewalk in front of site
03.13.17 05.17.17	Work iteratively and diagrammatically -massing models (scale 1/32=1'-0") with group discussions, diagrammatic plans/sections at 1/4=1'-0" using bubble diagrams and adjacency matrix –primary and secondary adjacencies (space planning strategies); plans, sections/elevations at 1/2=1'-0"; maturation of the project (individual and group discussions).
03.17.17	No class: Henri participating on Canadian Accreditation Team visit
03.20.17	No class: Henri participating on Canadian Accreditation Team visit. Faculty visit
03.22.17	No class: Henri participating on Canadian Accreditation Team visit
04.10.17	Midterm review (modalities to be determined)
05.03.17	Final review of project 2: 1pm-6pm (modalities to be determined)

REQUIRED READINGS: Similar to the highlighted in the syllabus of Project 1, Spring 2017 Rybczynski, Witold. Home: A short History of an Idea. New York, Penguin Books, 1987.

SUGGESTED READINGS: Similar to the highlighted in the syllabus of Project 1, Spring 2017 Alpern, Andrew. New York's Fabulous Luxury Apartments. New York, Dover Publications, Inc., 1975.

- Conran, Terence. The Essential House Book: Getting Back to Basics. New York, Crown Publishers, Inc., 1994.
- Lynch, Geoffrey. Manhattan Classic: New York's Finest Prewar Apartments. New York, Princeton Architectural Press, 2014.
- Nielson, Karla J., David A. Taylor. Interiors: An Introduction. New York, McGraw Hill, 2011.
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- Ojeda, Oscar, Riera. The New American House 2: Innovations in Residential Design and Construction, 30 Case Studies. New York, Whitney Library of Design, 1997.
- Riley, Terence. The Un-Private House. New York, The Museum of Modern Art, 1999.
- Trulove, James, Grayson: Il Kim. The New American Cottage: Innovations in Small-Scale Residential Architecture. New York, Whitney Library of Design, 1999.
- Trulove, James, Grayson: Il Kim. The New American House 3: Innovations in Residential Design and Construction, 30 Case Studies. New York, Whitney Library of Design, 2001.
- Trulove, James, Grayson: Il Kim. The New American House 4: Innovations in Residential Design and Construction, 30 Case Studies. New York, Whitney Library of Design, 2003.