

UNIVERSITY of NOTRE DAME
School of Architecture

DESIGN VI/ ARCH 41121 (& AME 47431)

BUCCELLATO STUDIO SPRING 2015
Environmental Stewardship through Interdisciplinary Research and Design

PROJECT 2: COMMUNITY: TRADITIONS, CULTURE, AND PLACE:

A new neighborhood plan and model sustainable multi-family residences for
Graduate student housing at the University of Notre Dame

ISSUED: APRIL 10, 2015

Project Phases:

1. Understanding Context: Site Analysis and Precedent Research (Project 2a)
2. New Neighborhood Master Plan & Comprehensive Building Design (Project 2b)
3. **Comprehensive Final Report** (Project 2c)

The final phase of the project is to prepare, **as a class**, a comprehensive report which outlines the studio's recommendations to the Graduate Housing Task Force and our University Partners in the Offices of Finance and Housing for the design of next-generation, multi-family graduate student residences at the University of Notre Dame. The report encourages you to meaningfully reflect back on: the initial formation of the project goals; your commitment throughout the design process to simultaneously consider the unique needs of an important community on our campus and the broader impacts – both physical and cultural – of your collaborative design decisions; and finally, your ability to communicate the merits of your comprehensive design solutions to project stakeholders.

In the first phase of this project, you worked collectively to understand *and* establish the principle goals and base criteria of the project – or, the Basis of Design – which included thorough site and precedent analyses, the evaluation of critical programmatic and socio-cultural design requirements specific to this unique community, and detailed research of prevailing building energy codes and strategies for high performance building design.

Through the architecture and engineering co-design process, the goals and criteria established by the studio – and those established additionally by each Team – were meaningfully questioned and evaluated, leading, ultimately, to eight unique design proposals that meet some or all of these goals. Because of the process of design, your iterative analyses, and final assessments, you have collectively gained a far greater understanding of the challenges of the project, as well as a host of solutions to these challenges. The foremost purpose of the final report is to document the collective knowledge gained through the design process this semester in such a way that our partners in the University may move forward in their efforts to establish new – and model – Graduate Student Housing with far greater insight because of your efforts.

Please refer back to page 2 of the Course Syllabus for overarching project objectives and pedagogical goals.

Your successful completion and presentation of Project 2c requires the following:

A typed report not to exceed 12 pages that includes the following:

1. Title/Cover Page (not counted in page limit)
2. Summary of Basis of Design criteria, synthesized and organized in a logical manner including:
 - Site and neighborhood analyses, including relevant precedents (references for design)
 - Resident life analysis and critical site and building programming criteria
 - Model building energy standards and minimum performance criteria established by the studio
3. A set of guidelines for the future development of the Twyckenham corridor of the Morningside Neighborhood, including the proposed Graduate Married Student Housing complex, including:
 - A discussion of the design criteria studied and prioritized by the studio, and general principles for meeting these criteria in the future development
 - Specific examples of design proposals conceived within the studio that exemplify, in whole or in part, the successful achievement of the Basis of Design (a series of project excerpts can be used to illustrate how to achieve the core principles established and summarized)
4. Recommendations for our University partners going forward, including:
 - Primary considerations the University should consider in the execution of any further development along the Twyckenham corridor that includes the relocation of married student housing
 - Yet unresolved issues and challenges that should still be addressed in their continued study of the neighborhood, the site, and the needs of this unique community
5. References (no page limit)
6. Appendices (no page limit) containing any supporting information not suitable for the main report including supporting drawings/data/analyses

Formatting Requirements:

- 12 pt, Times New Roman or 10 pt, Arial
- 1 in. margins
- No less than 1.5 spacing

The final report must be handed in as two hard copies, one to Prof. Buccellato (faculty mailbox) and one to Prof. Go; and one soft copy, a PDF, must be uploaded to 'Final Report' folder on the Box.

FINAL PROJECT REPORT DUE:

MONDAY, APRIL 27 at 5:00 pm