

**ARCH 476/576: RESIDENTIAL CONSTRUCTION**  
**Integrating Construction with Design**

**Instructor:** James Givens

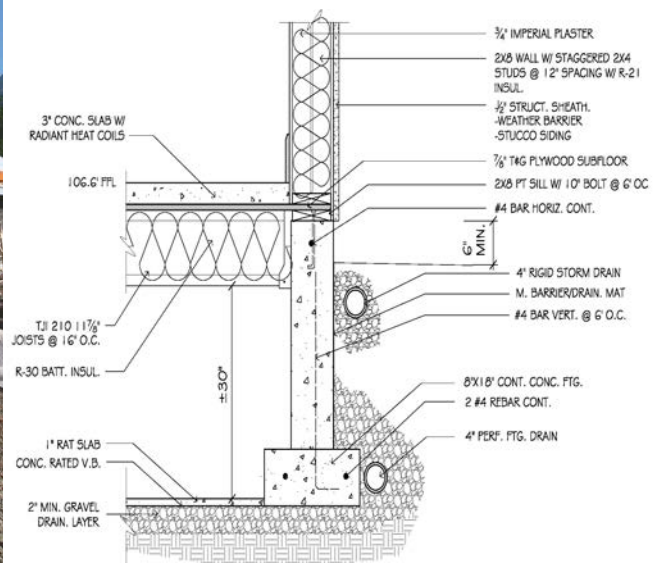
Career Senior Instructor II  
[jgivens@uoregon.edu](mailto:jgivens@uoregon.edu)

**Schedule:** Tu/Th 2:00 – 4:00 p.m., Room 284 Gerlinger Hall, seminar format

**Prereq's:** 3<sup>rd</sup> year undergrad or 2nd year grad Track 1 or any grad Track 2

**Credits:** 4 Credit Hours, satisfies advanced technical option in Architecture.

**Grading:** Optional -- Graded or P/N



**Course Description:**

The seminar format course will focus on the basic principles of residential construction and how these affect design. Special emphasis will be placed on design process and its relationship to construction detailing. The course will be taught through lectures, readings, class presentations, class discussions, field trips, and projects. While the emphasis will be on standard construction methods and how these can be employed most effectively, alternative methods and passive house details will be explored as well. Sustainability and environmental responsibility will be discussed in relation to materials, systems, and methods. Grading will be primarily project-based.

**Primary Texts:**

Allen/Thallon, *Fundamentals of Residential Construction, Third Edition*, Wiley, 2011  
Thallon, *Graphic Guide to Frame Construction, Fourth Edition*, Taunton, 2016  
Thallon, *Graphic Guide to Interior Details*, Taunton, 1998

**Reference Texts:**

Corner, Fillinger, Kwok, *Passive House Details: Solutions for High-Performance Design*, Routledge, 2018