

UNIVERSITY of NOTRE DAME  
School of Architecture

**BUILDING TECHNOLOGY I / ARCH 20411**

October 3, 2013

**MASONRY DAY PROJECT**

**A MASONRY MEMORIAL**

For the Masonry Day Design/ Build Competition, your task is to design a small brick structure using standard masonry materials. Your team will be provided with 300 Belden bricks and you *may* additionally have access to limited amounts of CMU block, glass block, and ceramic tile. Your structure should be no larger than 4'-0" wide x 4'-0" long. When generating your design, consider the basic principles of masonry construction that we have discussed in lecture and that you are learning in studio, particularly with respect to bonding, coursing, and material efficiency.

The class has been divided into nine teams (4-5 students per team). In the coming week, you will work in teams on the design of your structure and to produce the drawings listed below. On the morning of the event (Thursday, October 10), each team will be paired with a small team of masonry apprentices for the Design/ Build competition. Like construction documents, the design drawings that you produce for Masonry Day must clearly convey your design intent and indicate how you intend for the structure to be built. Consider these drawings as your primary means for communicating your design to the masonry apprentices and their medium for evaluating the feasibility of your design and means for reviewing construction strategy with you.

**This exercise is a collaboration:** each team's design will be the result of your collaborative efforts as design students. The end product will be a small masonry structure that you will build under the guidance of and in collaboration with the masonry apprentices on your team.

**Required Drawings:**

Plan 1/2" = 1'-0"

Elevations (4): 1/2" = 1'-0"

Section (1): 1/2" = 1'-0" showing materials

**\*\* Bring two copies of the Required Drawings with you to Masonry Day (10/10/13). You will turn one copy in as you board the bus and the second copy will serve as your working copy for the day.**