

UNIVERSITY of NOTRE DAME
School of Architecture

BUILDING TECHNOLOGY I / ARCH 20411 & ARCH 60411

October 9, 2012

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" x 4'-0" (consider material limits to determine vertical constraint). When working on your design, consider the basic principles of masonry construction that we have discussed in lecture and that you are learning in your respective studios.

The class has been divided into eleven teams (4-5 students per team). In the coming weeks, you will work in teams on the design of your structure and to produce the drawings listed below. On the morning of the event, each team will be paired with a small team of mason's apprentices for the Design/ Build competition. Like construction documents, the design drawings that you produce must clearly convey your design intent and indicate how you intend for the structure to be built. Consider that these drawings are your primary means for communicating your design to the mason's apprentices and their medium for evaluating the feasibility of your design and 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 of which will be a structure that you will build under the guidance of and in collaboration with the mason's 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 (10/09/12). You will turn one copy in as you board the bus and the second copy will serve as your working copy for the day.**