

UNIVERSITY of NOTRE DAME
School of Architecture

BUILDING TECHNOLOGY I / ARCH 20411
September 5, 2013

DETAIL # 1
Seeing & Describing Fundamental Building Tectonics

Research and identify a small structure or partial building detail that demonstrates one of the two fundamental methods of spanning and construction (trabeated or arcuated).

Using the template provided, **graphically** describe *your understanding* of:

- a. The fundamental tectonic logic of the structure or detail selected (which type of spanning/construction is it?)
- b. How the system or detail performs
- c. The primary materials used in its construction

You may use photographs or sketches to illustrate your selected structure or detail and a diagram or series of diagrams to describe the fundamental tectonic logic of the system or detail and how the system or detail “performs”. Clearly label *one* of your images or diagrams with the primary construction materials used/ illustrated.

In the upper right column of the template, provide the following background information about the selected structure or detail:

- a. Name of the structure or detail (non-generic)
- b. Name of the architect (if known) and date of construction or completion
- c. Why you selected the particular structure or detail (50 -100 words)
- d. Bibliographic reference(s)

Bonus: Briefly describe the history or evolution of the condition as depicted in the structure or detail (50-100 words)

Endeavor (at all times) to create drawings that are *both* useful (clear, descriptive, and informative) *and* beautiful. Be prepared to describe your work – and your Detail – to your peers, in class on Thursday, September 12.

Detail 1 is DUE:

In **PDF** via box.nd.edu on **Tuesday, September 10, 2013 @ 9 pm**

Hardcopies DUE in class on Thursday, September 12, 2013 @ 12:30 pm

DETAIL #1

BACKGROUND INFORMATION

NAME OF SELECTED STRUCTURE OR DETAIL:

NAME OF THE ARCHITECT:

DATE:

REFERENCE(S):

REASON FOR SELECTING THIS PARTICULAR STRUCTURE OR DETAIL:

PHOTOGRAPH(S)
OR SKETCH(ES)

BONUS: HISTORY OR EVOLUTION OF THE
SELECTED STRUCTURE OR CONDITION

A

DRAWING NAME

SCALE: (IF KNOWN)

B

DRAWING NAME/S

SCALE: (IF KNOWN)

DIAGRAMS

BUILDING TECHNOLOGY I/
ARCH 2041 1

PROF. A. BUCCELLATO
FALL 2013

SHEET TITLE:

NAME OF SELECTED STRUCTURE OR DETAIL

PROJECT TITLE:

SEEING & DESCRIBING FUNDAMENTAL TECTONICS

DETAIL # 1

DATE:

SCALE:

VARIES

DRAWN BY:

SHEET NUMBER:

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