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## GOALS FOR A DETAIL'S CONSTRUCTIBILITY

"A DETAIL SHOULD BE **EASY TO ASSEMBLE**

A DETAIL SHOULD BE **FORGIVING** OF SMALL INACCURACIES AND MINOR MISTAKES

A DETAIL SHOULD BE BASED ON **EFFICIENT USE OF CONSTRUCTION** FACILITIES, TOOLS, AND LABOR

*A building ought to go together easily and efficiently, and it should do so even though **many little things can be expected to go wrong during the [design and] construction process**"*

Edward Allen, 1992

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## DETAILING SHOULD BE HAPPENING DURING ALL PHASES OF THE DESIGN PROCESS

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### SCHEMATIC DESIGN

Goal For This Phase Of Work:  
illustrate the general scope, scale, and relationship of project components

Detailing Work Required:  
design with an idea about the materials to be used and the method of construction

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### DESIGN DEVELOPMENT

Goal For This Phase Of Services:  
fix and describe the size and character of the construction of the entire project

Detailing Work Required:  
design the arrangement, configuration & relationship of materials

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### CONSTRUCTION DOCUMENTS

Goal For This Phase Of Services:  
set forth in detail the requirements for construction of the project

Detailing Work Required:  
finalize the arrangement, configuration & relationship of materials, coordinate with all building systems, prepare documents which are a part of a contract

### BIDDING OR NEGOTIATIONS

Goals For This Phase Of Services:  
respond to questions, issue addenda clarifying or modifying the work of the contract

Detailing Work Required:  
evaluate the quality of the details designed based on questions about them, make note of improvements needed

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### CONSTRUCTION SERVICES

Goals For This Phase Of Services  
provide architect's construction as set forth in the General Conditions of the Contract For Construction, including:  
observe work in progress  
review and process submittals  
prepare & issue field orders for clarification  
prepare & issue change orders to alter contract

Detailing Work Required  
while reviewing submittals for conformance to design intent, recheck its quality; if necessary, issue clarifying drawings or commentary  
While acting on the contractor's initiatives to change the content of the construction documents, revise existing details or prepare new ones based on the revised scope of work, including use of materials different from those used in original design

# BAC

BOSTON ARCHITECTURAL CENTER

320 Newbury Street  
Boston • Massachusetts • 02115  
617.536.3170 voice  
617.536.5829 fax

## Details and the Design Process

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## BAC TM 632 Architectural Detailing

Date **September 5, 1996**

Scale **None**