

Comprehensive Building Design Studio (CBDS) Schedule - Spring 2009

90% REVIEW

ALL FIRMS MUST HAVE 2 PRINTED BOOKS (FOR THE JURORS) READY THE DAY OF THE REVIEW

Research Boards from Pre-Design

Statement of Concept and Intro Boards

Parti Diagram - Drawing and Model integrated with Site

Diagram of Transit lines and how they fit into the greater DC context (a new transit map diagram)

Diagram of Transit/Pedestrian/Bike movement at the building level in plan and in section

Diagram of Pedestrian Circulation (include interior and exterior circulation egress path) diagrams

Precedents - Specify for what purpose used in your design such as Environmental, Structural, Urban Design, etc.

City Area Plan (a few blocks in each direction of site) (1" = 100')

Site/Landscape/Streetscape Plan (1/32")

Include transit lanes in the streetscape and bike lanes as well.

Building Plans (1/8" min., NORTH FACING UP; incorporate streetscape and context on ground floor)

Building Sections (1/8" min.)

Building Elevations (1/8" min.)

Axonometric Diagram of Structural System

Axonometric Diagram of how Mechanical Systems are routed

Axonometric Diagram of how Electrical Systems are routed

Axonometric Diagram of how Plumbing System are routed

Plan Diagram of how MEP systems are distributed in combination

Diagrams of Environmental Systems Controls

1/4" models of a bay of the building with at least 10' deep of interior space (both models - first pass and new pass) - 1 per student

Wall section drawings - one per student printed at 3/4" = 1'-0" with details of connections at 1 1/2" = 1'-0"

Axonometric Section Drawings of Building Assembly with at least 10' deep of interior spaces shown

Lighting Strategy Drawing

Illuminate the interior/exterior of your transit hub. Discuss and present a strategy with diagrams or vignettes for how your concept is transferable to various program spaces.

Minimum 5 Vignettes / Renderings of Key Spaces (Approach, Arrival at site, Entry to building, Circulation, Transit Areas, Destination spaces)

Material Specifications and Samples / Product Literature

Please obtain actual physical material samples by contacting the manufacturer's representative

Incorporate manufacturer's details (CAD) into your wall sections and drawings (plans, sections, elevations)

Site Model -- Incorporate Building with Site (1/32" minimum)

Building Model (1/8" or as your critic sees fit)