

## ARCH 2410 - Project 3: New Brooklyn Museum

## Project Checklist

### Project Intro and assignment of museum 10/30/14

### Project Discussion and Site Visit 11/6/14

#### Site Analysis (due 11/11/14)

Visit the site and the surrounding area to document the following:

- Site plan at a recognized scale. Include a north arrow, driveways, tree locations, other site features.
- Description and drawings and/or photos indicating the site's orientation and primary views (to and from). Note direction of views on the site plan.
- Traffic patterns around the site and directions of access for pedestrians, cars and other modes of transportation. Indicate primary and secondary circulation routes and modes of transportation.
- Describe the surrounding context (vegetation, materials, buildings, roads, businesses, residences, etc.)

#### Preliminary Program Analysis (due 11/11/14)

Explore alternative arrangements that respond to the requirements and conditions of the site and program as you understand them. Chose at least one (1) scheme and document it using color and graphics to describe the relationships between elements.

- Create bubble a diagram to scale (e.g., 1/16") on a site plan to the same scale. Each bubble must represent a single program element or group of program spaces.
- Indicate the proposed flow of circulation from the entry to the main sequence of public spaces and for the staff and deliveries.
- 3-dimensional massing studies using Rhino, Sketchup, hand sketches or physical models of program volumes.
- Optional: Create an adjacency matrix (grid) for all program elements.

#### Research Paper (due 11/13/14 ) Drawings and Writing

Visit and document a museum IN PERSON. Imagine that you are describing the museum to a friend of yours who knows a little about architecture but can't join you on your visit. Prepare a powerpoint of your work for presentation to the class on Thursday 11/13. Post your pdf or ppt file on Blackboard by the end of class on 11/13.

Required items for the museum you visit:

- Hand Drawings of the entry and main exhibit floor plans. Drawings do not need to be precisely to a standard scale but must be accurate in the relative size and locations of spaces. Locate and draw the following:
  - Main Entry
  - Staff Entrance
  - Service or Delivery Entrance
  - Reception Desk/Admissions
  - Main stair
  - Visitor Elevators
  - Main exhibit space
  - Secondary exhibit space(s).

## **Project 3 Checklist Continued**

### **Research Paper (due 11/13/14 ) Drawings and Writing cont.**

- Hand Drawing of a section through the main entry. Drawing does not need to be precisely to a standard scale but must be accurate in the relative size and locations of spaces. Show relative heights of spaces and the relationship of the entry sequence to the main exhibit areas. Locate and draw the following:
  - Main entrance
  - Primary circulation
  - Main exhibit space(s).
- Writing: Write a minimum of one page, double spaced, 12 pt. font, 1" margins, not including images. Use complete sentences and organize your observations into logical paragraphs. This text should be included as a slide in your presentation or can be handed out to the class when you present. Include the following information:
  - Your overall impression of the space
  - Describe the entry sequence from front door, to admissions, up the main circulation to the main exhibit space
  - The materials used in the entry and in the exhibit spaces
  - Describe whether the museum uses natural light, artificial light, or a combination.

#### Optional items:

- Perspective sketch of the lobby and/or main circulation area
- Perspective sketch of the exhibit spaces

### **Position Paper (due 11/18/14)**

Museums can have many roles in our culture. They can be seen as treasure troves of plundered artwork, vitally important conservators of fragile artifacts, educational and interactive spaces, research facilities or even experimental laboratories.

Imagine you are not only the architect but also a visionary curator who will assemble the content of the museum as well as design the building and the galleries. Answer the question "What is the role of museums in our culture today?" Propose a theme for your museum that celebrates Brooklyn and describe the proposed exhibits. Include factual research to support your choice. If necessary, make recommendations for modifications to the stated program that support your theme.

Minimum 1 page, double spaced, 12 pt. font, 1" margins, not including images. Make sure you proofread your work and/or get tutoring help at the learning center or the Atrium writing center.

### **Massing Model Workshop 11/18/14**

Minimum of three 3D models due by the end of class.

### **Parti Sketches (In class discussion on 11/20/14)**

#### **Concept model due by the end of class 11/20/14**

### **Revised Program Analysis and Study Models (Due in Class 11/25/14)**

- Revise your earlier Program Analysis and Flow Diagrams based on your study models, research, parti, and approach to the site. Revise each diagram and the 3D massing model.
- One physical study model at 1/16" = 1'-0" showing development of your ideas.

## Project 3 Checklist Continued

No Class 11/27/14

### Plans & Sections (12/2/14)

- Based on your previous work (parti, models and research), develop plans and sections of your building at  $1/16'' = 1'-0''$

### Interim Pin Up (12/4/14)

- *Parti* Sketches and process materials
- Site Analysis and Site Plan with building roof plan
- Plans & Section drawings at  $1/16'' = 1'-0''$  or  $1/8'' = 1'-0''$
- Physical study model at  $1/16'' = 1'-0''$

Interior Views – 3D or sections (In class assignment on 12/9/14)

Elevations and Exterior Views (In class assignment 12/11/14)

Final Reviews December 16<sup>th</sup> and 18<sup>th</sup>, 2014. Final Boards and other materials must be posted by midnight Tuesday December 23, 2014.

Portfolios Due Tuesday December 23, 2014. Digital files posted by midnight.



## **Project 3 Checklist Continued**

### **List of Museums**

Each student must choose one from the list or propose their own to use for their drawn and written research paper. Each student must visit and document a different museum. (That doesn't mean you can't go together!)

- Museum of Jewish Heritage 36 Battery Place Manhattan
- New Museum 235 Bowery Manhattan
- Museum of Arts and Design 2 Columbus Circle Manhattan
- Museum of Modern Art 11 W. 53<sup>rd</sup> St. Manhattan
- Morgan Library and Museum 225 Madison Avenue (at East 36th Street)
- Whitney Museum of American Art 945 Madison Avenue (at East 75th St.)
- Isamu Noguchi Garden Museum 9-01 33<sup>rd</sup> Road Long Island City Queens
- Center for Architecture 536 LaGuardia Place, Manhattan
- Bronx Library Center (imagine it as a museum) 310 E. Kingsbridge Rd., Bronx
- PS 1 Contemporary Art Center 22-25 Jackson Avenue Long Island City Queens
- Museum of the Moving Image 36-01 35<sup>th</sup> Avenue Astoria, Queens
- Rose Center for Earth and Space Central Park West & W. 79th St. Manhattan
- NY Hall of Science 47-01 111<sup>th</sup> St. Queens
- Queens Museum New York Ave, Flushing Meadows Corona Park Queens, NY 11368
- Lower East Side Tenement Museum 97 Orchard Street Manhattan
- Brooklyn Children's Museum 145 Brooklyn Ave (St. Marks Ave)
- Museum of the City of NY 1220 5<sup>th</sup> Ave. (103<sup>rd</sup>) Manhattan
- Guggenheim Museum 1071 5<sup>th</sup> Avenue (89<sup>th</sup>) Manhattan
- Intrepid Sea Air & Space Museum Pier 86 (12<sup>th</sup> and 46<sup>th</sup> St.)
- Asia Society 725 Park Avenue (@70<sup>th</sup> St.) Manhattan
- Ellis Island Battery Park and Liberty Island
- New York Historical Society Central Park West Manhattan
- Frick Museum 1 E. 70<sup>th</sup> Street Manhattan
- Rubin Museum of Art 150 W. 17<sup>th</sup> Street, Manhattan
- Jewish Children's Museum Eastern Parkway Brooklyn
- Neue Galerie 1048 Fifth Avenue Manhattan
- The Jewish Museum 1109 Fifth Avenue Manhattan
- Skyscraper Museum 39 Battery Place Manhattan
- Brooklyn Museum of Art 200 Eastern Parkway
- Metropolitan Museum of Art 1000 5th Ave. (82nd)
- Museum of Natural History Central Park West at 79th St.