MAIN STREET VISUAL & PERFORMING ART CENTER
North Branch, Minnesota

Jennifer Watters
ARCH 772 - Spring Semester
Ganapathy Mahalingam
COUNTRY: United States
REGION: Upper Midwest
STATE: Minnesota
REGION: East Central Minnesota
COUNTY: Chisago
CITY: North Branch
LOCATION: 6644 Main Street
An article in the local newspaper, in reference to the new high school built on the site in 1908, read: "...that splendid mass of architecture has been a source of pride and even wonder to the citizens of North Branch" (Malmquist 2007).
**Fine Arts Culture:**
Encouraging residents to participate in and view art will bring about a sense of pride in the local art created. The architecture will inspire creativity and add to the sense of place in the city.

**History of the Site:**
Careful attention will be given to the treatment of this historic site. The use will follow the tradition of education and strong community presence on the site.

**Sustainability:**
LEED Certification will be pursued to further a sense of pride in the community and keep operating costs as low as possible.
High Museum of Art
Atlanta, Georgia
Richard Meier
| Program Interaction Matrix |
| Lower Level Floor Plan |

1 Theatre Space (670 Seats)
2 Recital Space (254 Seats)
3 Black Box Theatre (150 Seats)
4 Restaurant & Rooftop Bar
5 Fine Art Supplies Store
6 Ceramics Studio
7 Sculpture Studio
8 Wood Studio
9 Wood Shop
10 Storage
11 Dressing Rooms
12 Costume Shop
13 Art Gallery
14 Photography Studio
15 Art Lab
16 Printmaking Studio
17 Painting Studio
18 Drawing Studio
19 Private Art Studios
20 Choir Room
21 Band Room
22 Private Music Studios
23 Music Lab
24 Music Lockers
25 Sculpture Garden
26 Underground Parking
27 Mechanical Room
| Interior Renderings |
Sustainable Strategies

- Efficient insulation and glazing specified to reduce the transfer of heat through the building envelope.
- Renewable energy gained through photovoltaic glass used on the southern curtain wall.
- Southern building orientation to capture solar heat in winter months and daylighting throughout the building.
- Efficient HVAC systems and appliances specified to reduce the energy demand.
- Form is inspired by a hemisphere, which is the most energy-efficient building form.
- Clerestory on the north side of the building to allow light to penetrate deep into the building.
- Geothermal heating and cooling to decrease the amount of energy used to heat or cool the water that services the air handling units.
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