

INTRODUCING TEAM 6



Stephon

Born April 9th

Age: 20

Hobbies: Longboarding, Drawing, and hiking

Fav. Subject : math, science , and psychology

He wanted to become an architect because he enjoy designing, and enjoys the complicated of architecture



Freddy

19 years old, from Barranquilla, Colombia

“My goal is to have my own firm & create a new style of architecture”

He enjoys playing soccer

One of his goals is to design his own dream house when the time is right



Eduardo

20 years old, from New York City

Enjoys exploring and looking at all types of buildings and seeing the art behind it

Enjoys learning a lot of new things

He wants to become an architect in order to be able to design affordable housing for those in need

Loves gothic architecture

Case Study for Living Arts Brooklyn Museum

Team 6

Site

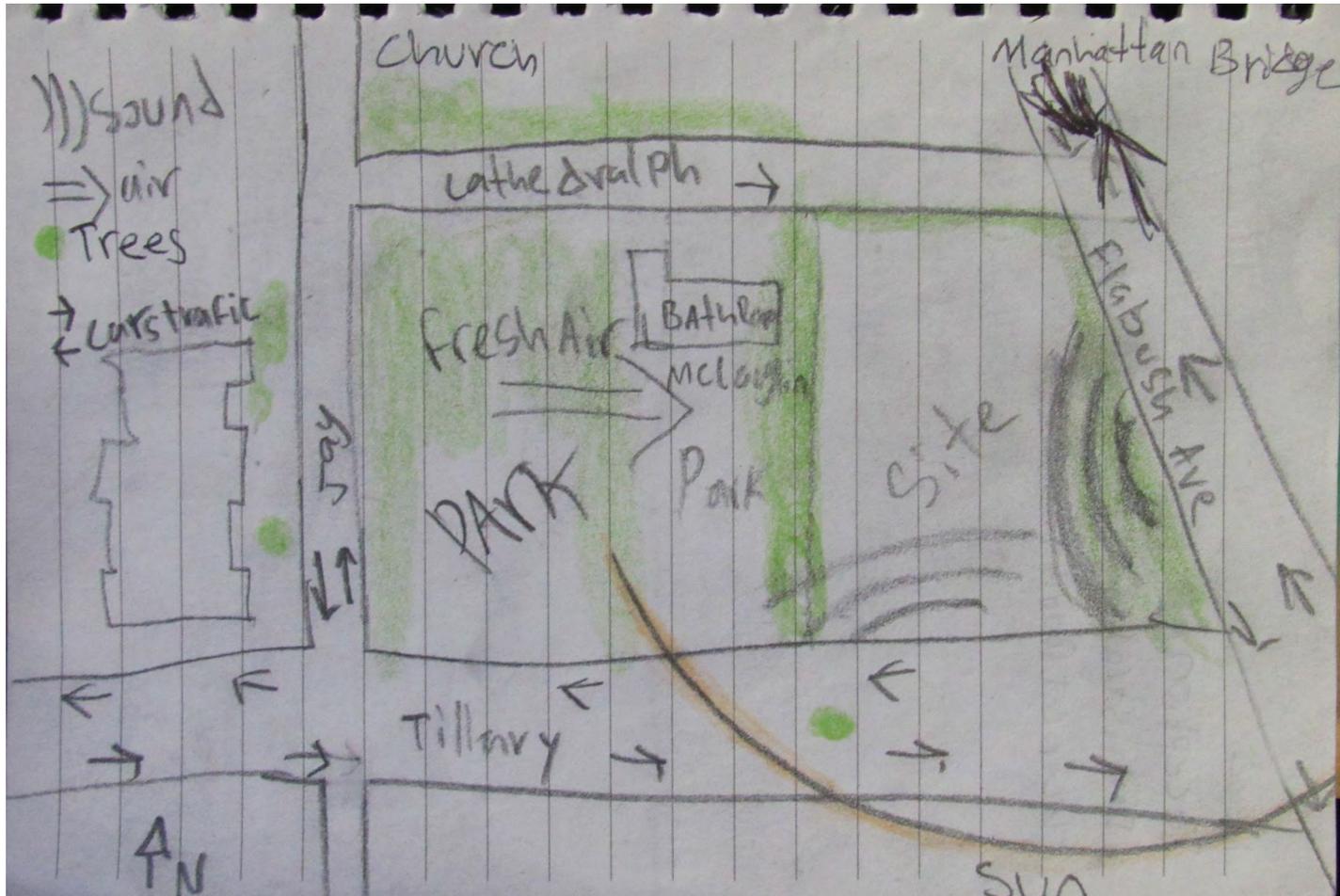
It is located in the intersection of Tillary St and Flatbush Ave.



Pictures of the Site



Site Inventory



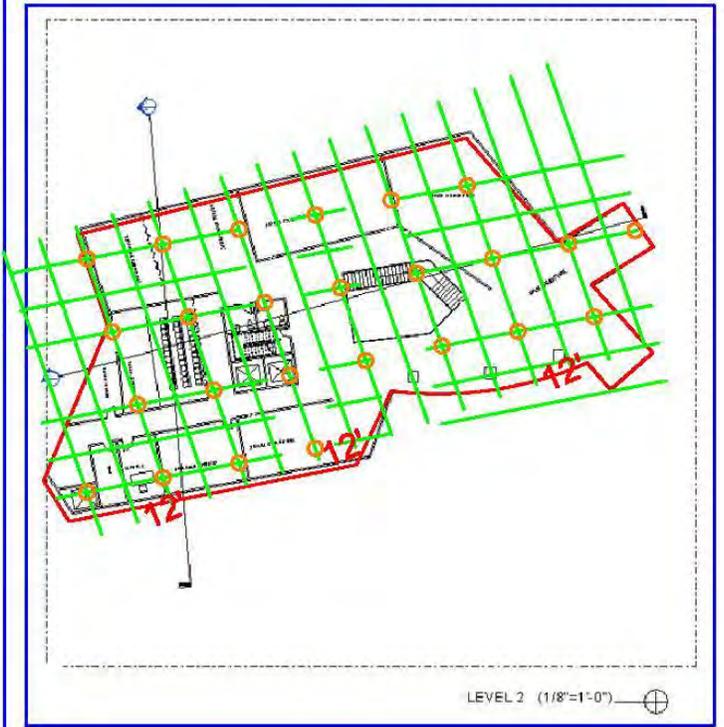
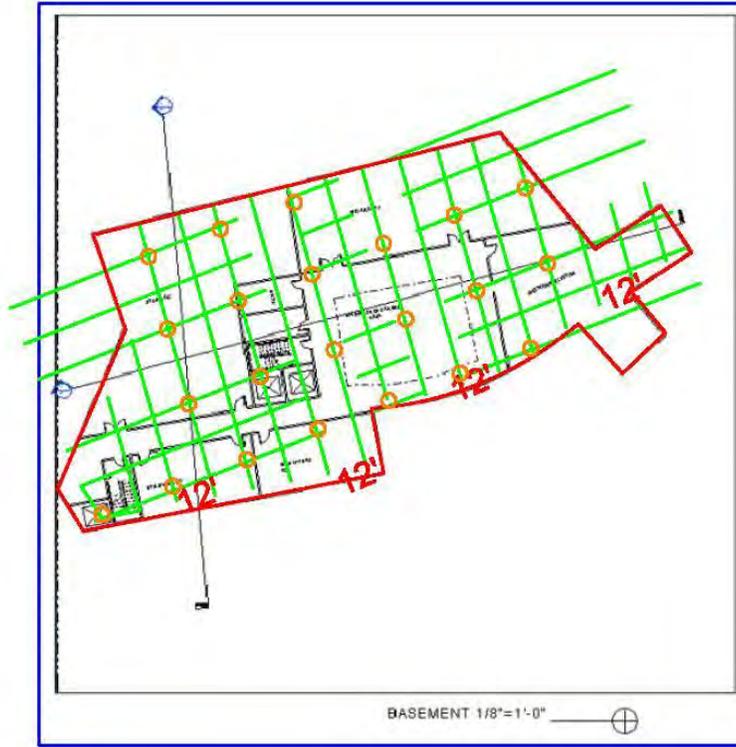
- sound it comes from east and south.(Traffic)
- the site is in a green area is a park.
- fresh air comes from the west.

Site Before & After

Added in the last years

- Hotel was build
- Statues in the street
- College building
- residential building





Site Inventory

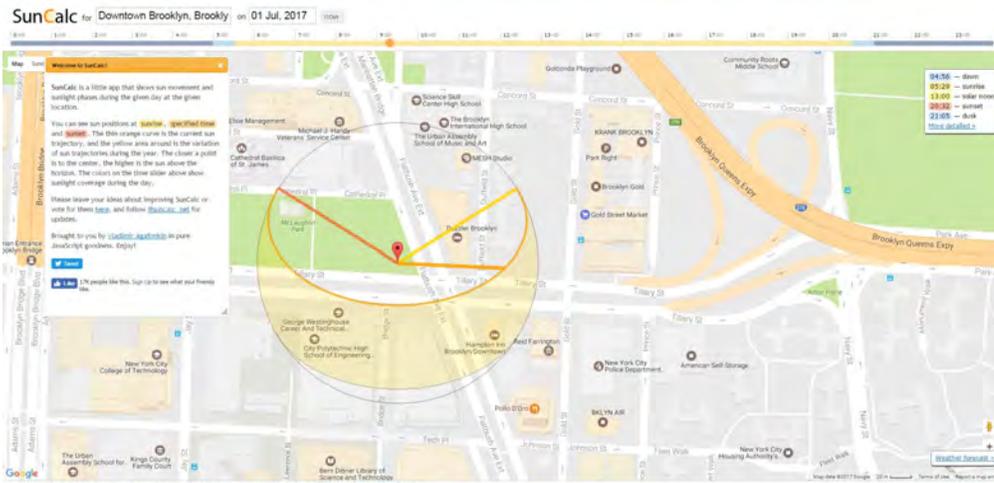
- There's a two way street on the East, West(West road is far off) and South Side
- There's a one way street on the North Side
- City Tech Is located on the South West side
- Manhattan Bridge is on the North side and connects to the two sided road on the east side

Site Inventory (*Cont.*)

- Brooklyn Bridge is on the West side and connects to the Southern 2 way roads.
- Most noise is located on both East and South roads.
- Traffic Travels North & South the east side, while traffic travels east to west on the South Side.

Sun Diagrams(4 seasons) (Cont.)

Sun Path: Summer (7/1/2017)



Sun Rise: 5:21 AM

Solar Noon: 1:00 PM

Sun Set: 8:32 PM

Sun Path: Fall (10/1/17)



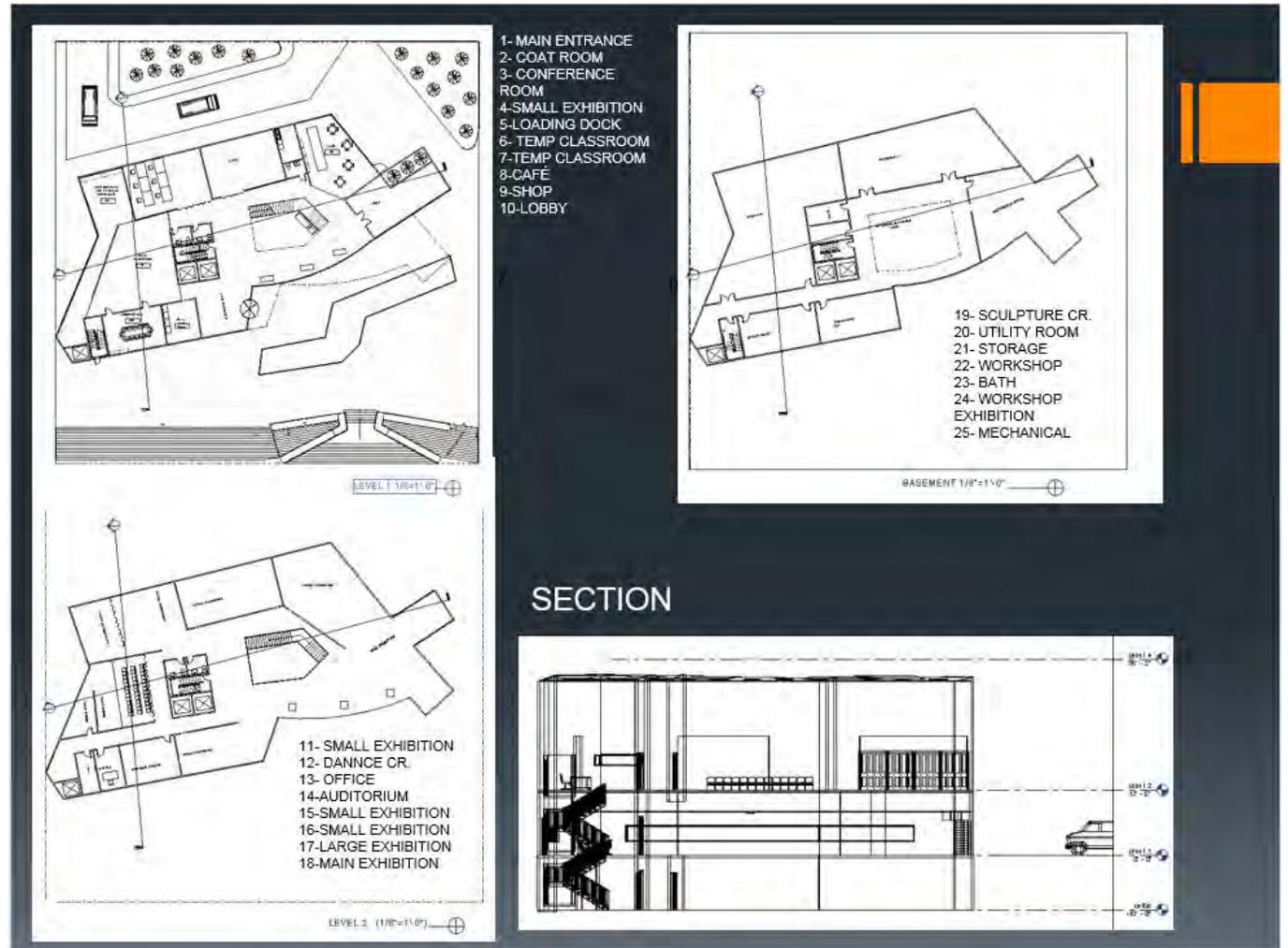
Sun Rise: 6:53 AM

Solar Noon: 12:46 PM

Sun Set: 6:39 PM

What's in the museum

- Coat Room
- Conference Room
- Small Exhibition
- Loading Dock
- Temp Class room
- Cafe
- Shop
- Office



From
powerpoint

Precedent Study: The Met



When walking up these stairs and examining them. They are nice grand stairs and does not take up a lot of space in the building to make it unnecessary.



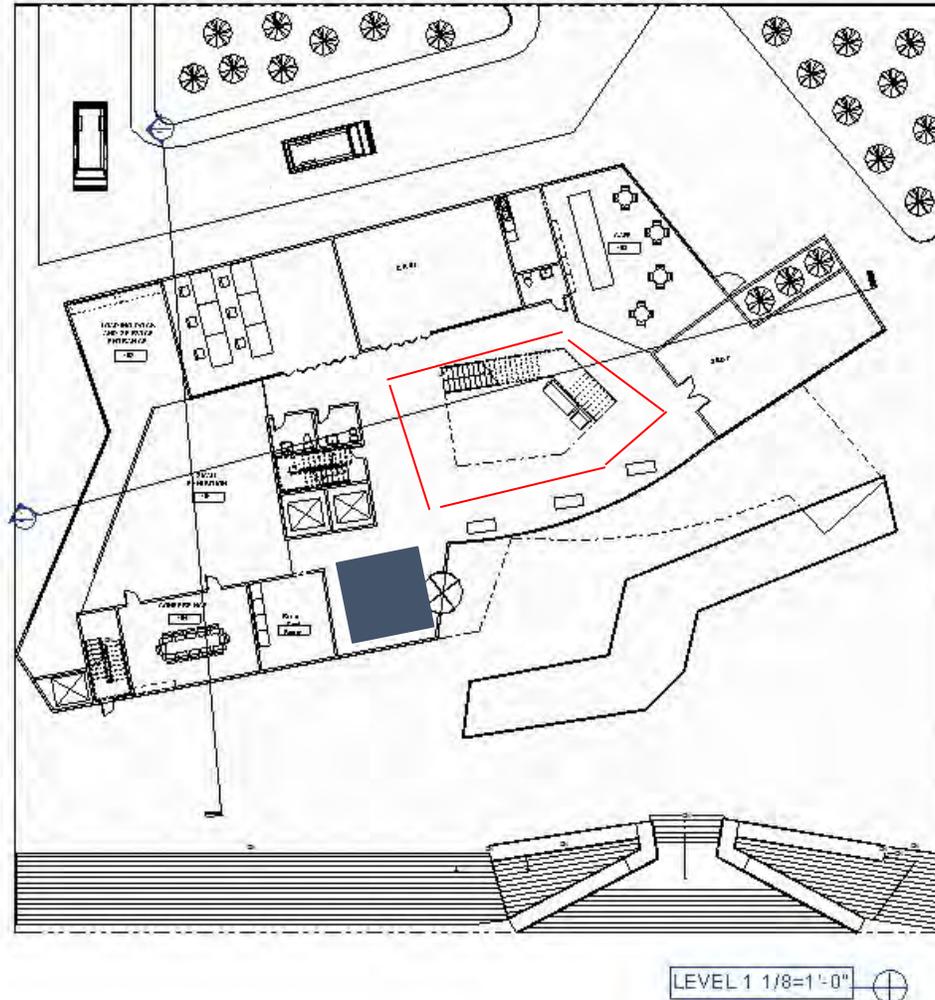
The use of the lighting in the museum was a nice touch. It not only brighten up the room but also gave a new aspect to the room.



The use of the open space gets people to actually come around. I like this idea because it's not just shows the beauty inside the but, also goes on the outside.

Program of Space and Size (What's missing)

- Freight elevator (There is no place for you to move storage in and out without disrupting the circulation within the building)
- Bigger bathroom
- Library
- Reception/ Tickets
- Administration Office
- Mechanical Room
- 2nd Egress stairs
- Doors to current rooms



Program of Space and Size Issues

Fix spacing: It needs to be rearranged better with the appropriate square footing. There's too much space that's not being used and too little space in certain areas.

Entrance and Exit: There aren't enough egress stairs. There needs to be another egress stair on the opposite side, so people have a way to get out. The egress stair in the middle of the elevator and bathroom isn't serving a purpose. There needs to be another entrance so people can enter into the space because it's going to get crowded.

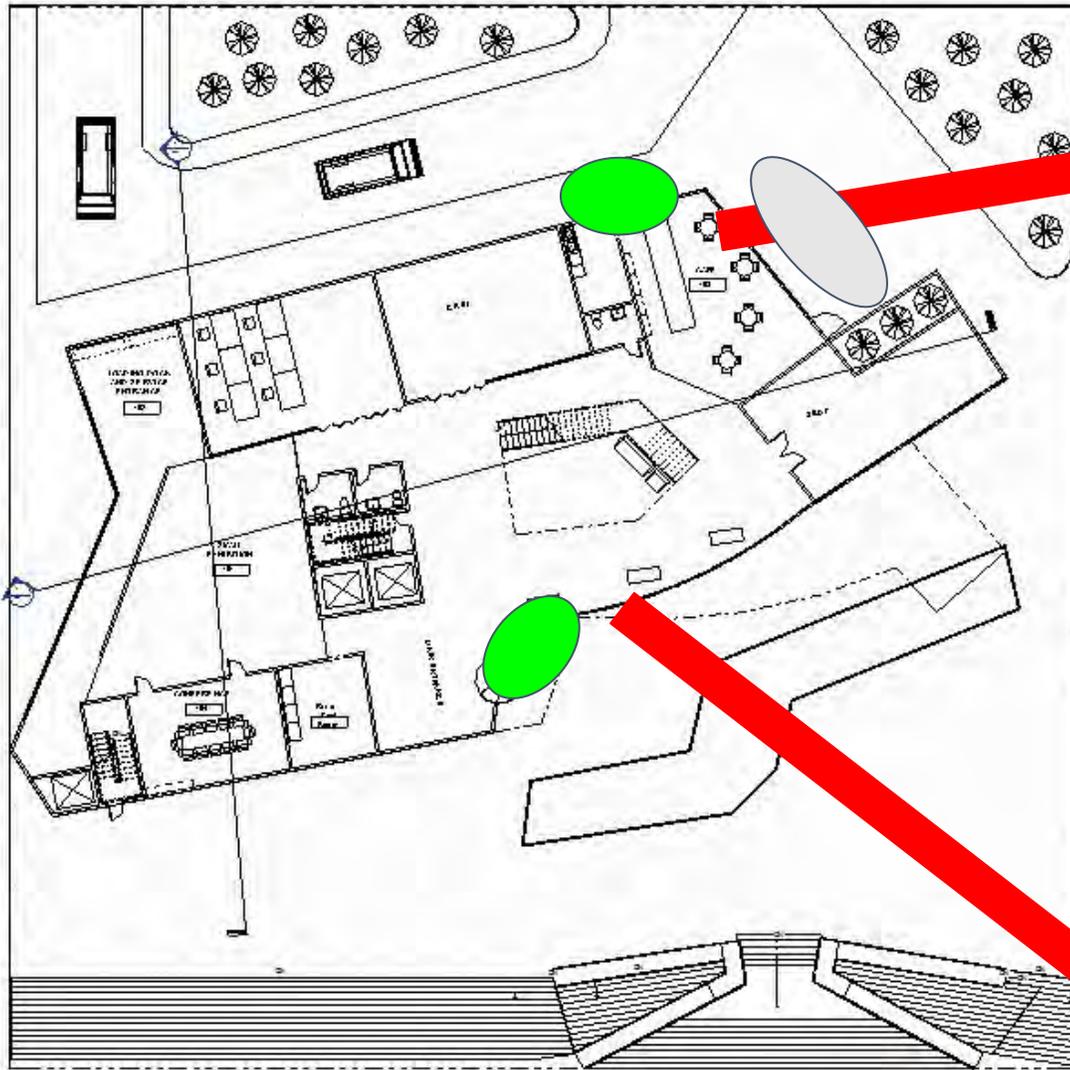
Doors: There needs to be more doors through the spaces or even doorway spaces to help circulation. The entrance doorway needs to have more space and more doors.

Bathroom: Need to be bigger because this is a public space

Auditorium: Need to be bigger and also, needs to be a closed space to knock out sound.

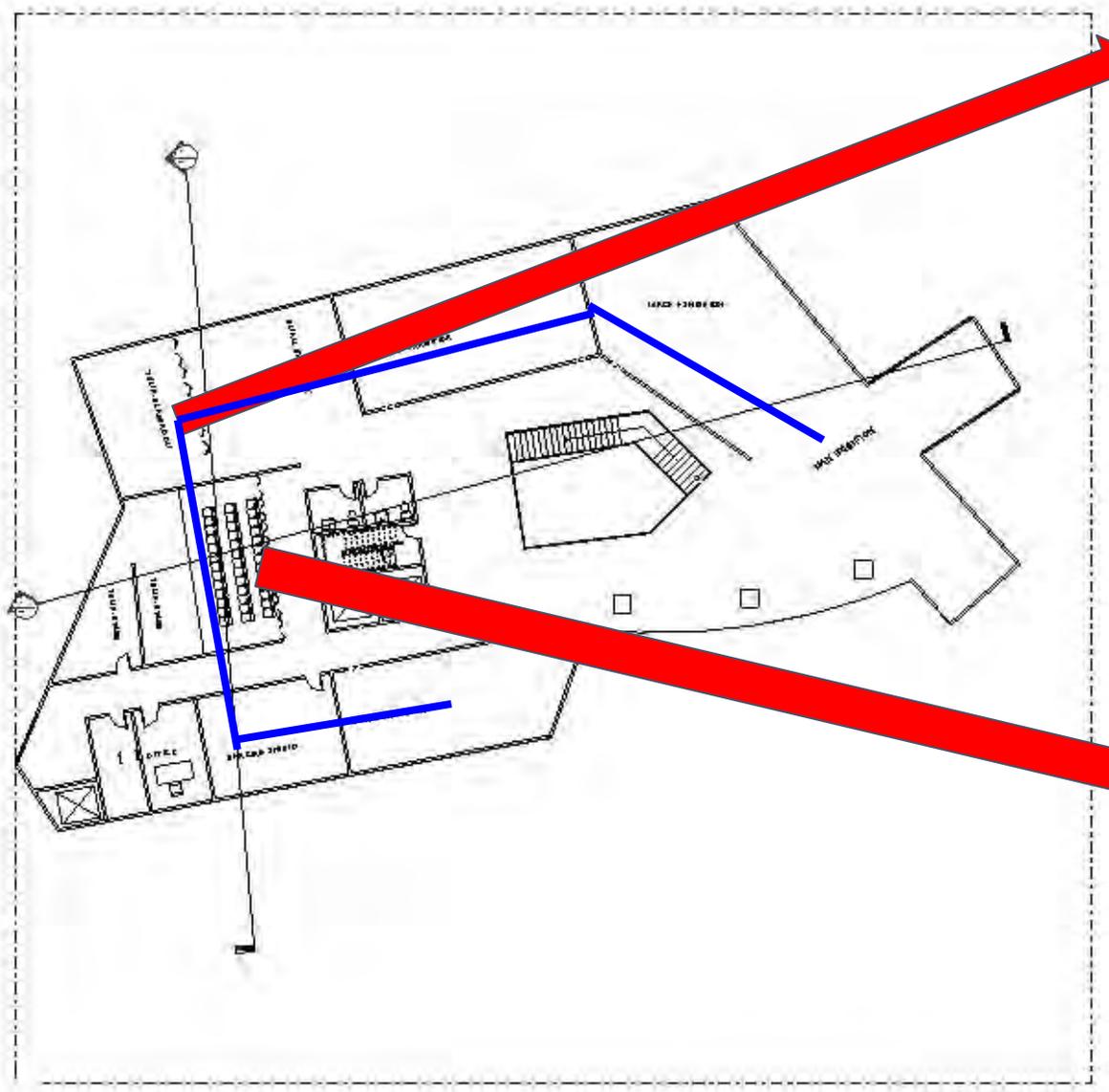
Program: 1st Floor

Entrance (Green)



LEVEL 1 1/8"=1'-0"

Program: 2nd Floor



LEVEL 2 (1/8"=1'-0")

Precedent Study

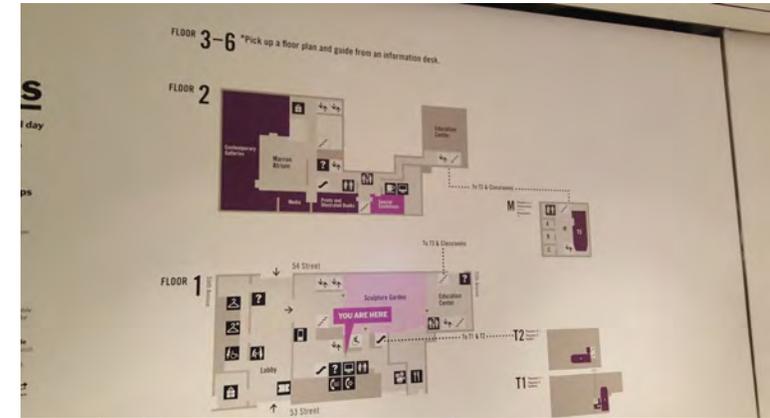
- Visited the MoMa (Museum of Modern Art)
- It had two entrances allowing quicker access to the museum



The ceilings were high up giving a sense of space

The wide doors allowed fast circulations

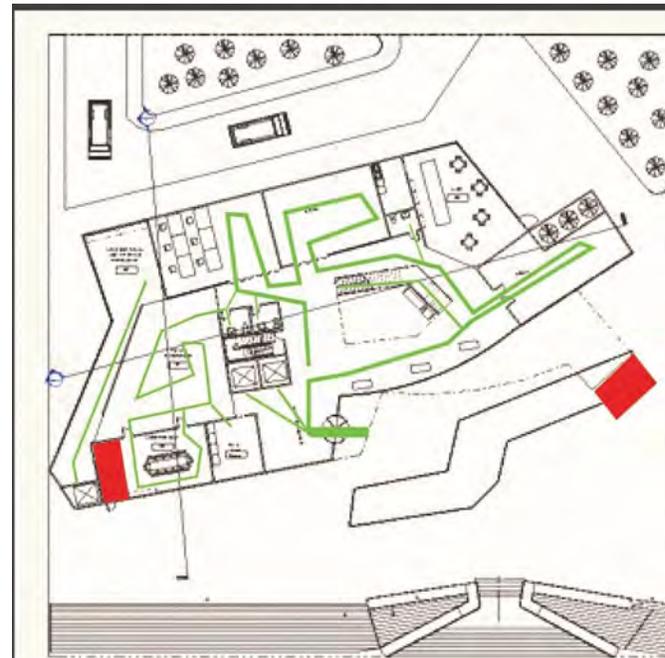
The open space allows bigger exhibits while maintaining the feeling of open space



Proposed Ideas

Location

- Stairs
- Mechanical Room
- Circulation



- 1- MAIN ENTRANCE
- 2- COAT ROOM
- 3- CONFERENCE ROOM
- 4- SMALL EXHIBITION
- 5- LOADING DOCK
- 6- TEMP CLASSROOM
- 7- TEMP CLASSROOM
- 8- CAFÉ
- 9- SHOP
- 10- LOBBY



- 19- SCULPTURE CR.
- 20- UTILITY ROOM
- 21- STORAGE
- 22- WORKSHOP
- 23- BATH
- 24- WORKSHOP EXHIBITION
- 25- MECHANICAL

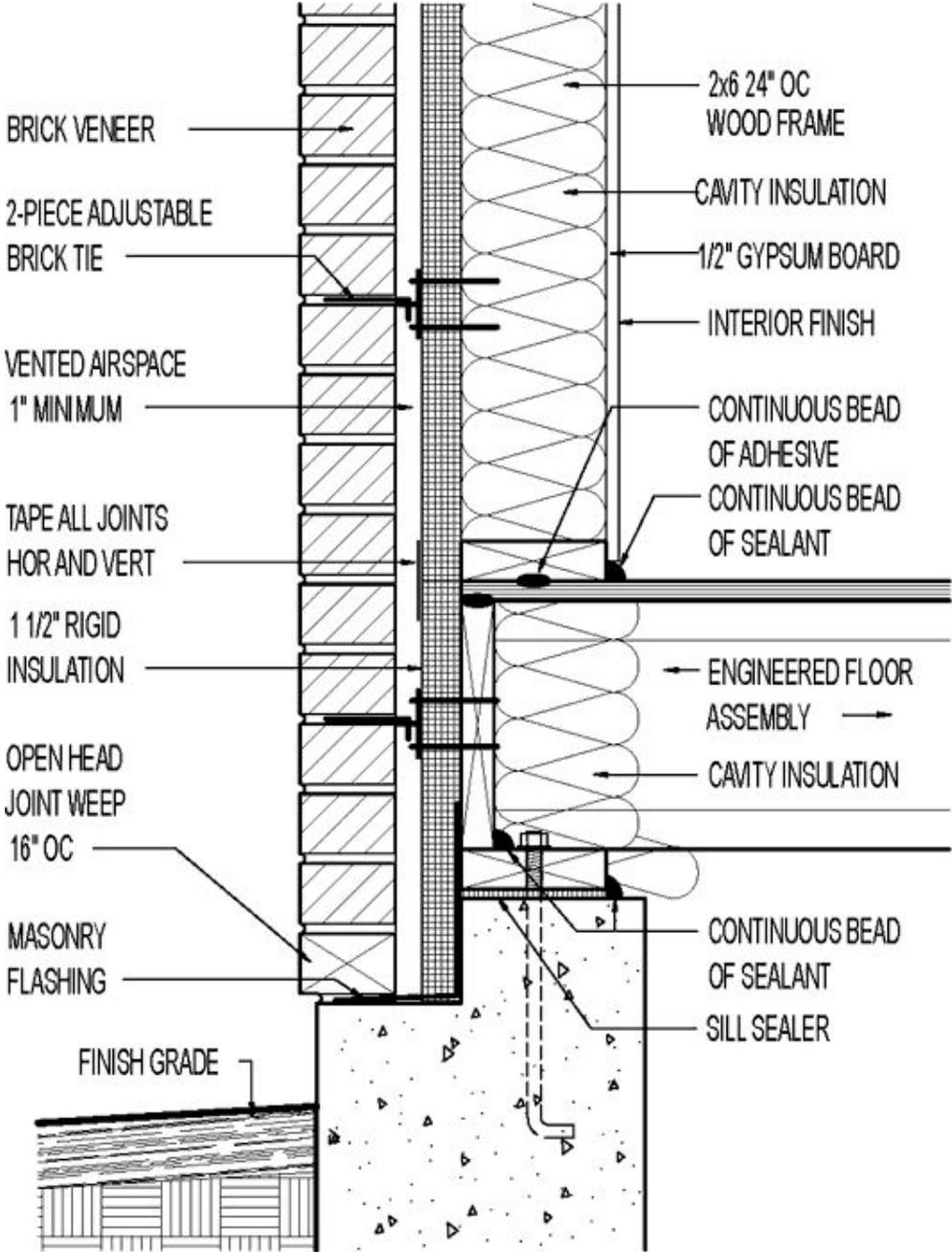
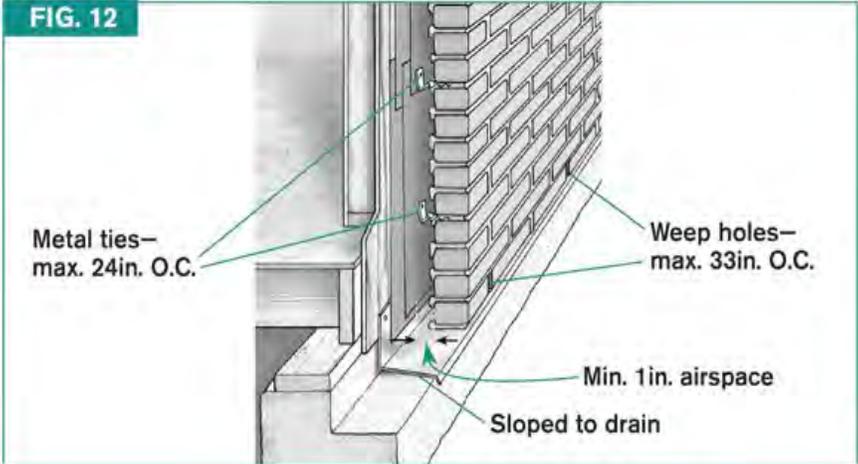
- Egress Stairs
- Mechanical Room
- Circulation

Proposed Idea's (cont.)

Outdoor space. Outdoor spaces allows the users to communicate better between all. The museum is always packed and allowing fresh air and spaces gives a feeling of freedom.



Chosen Facade: Brick



Chosen FACADE (EU)

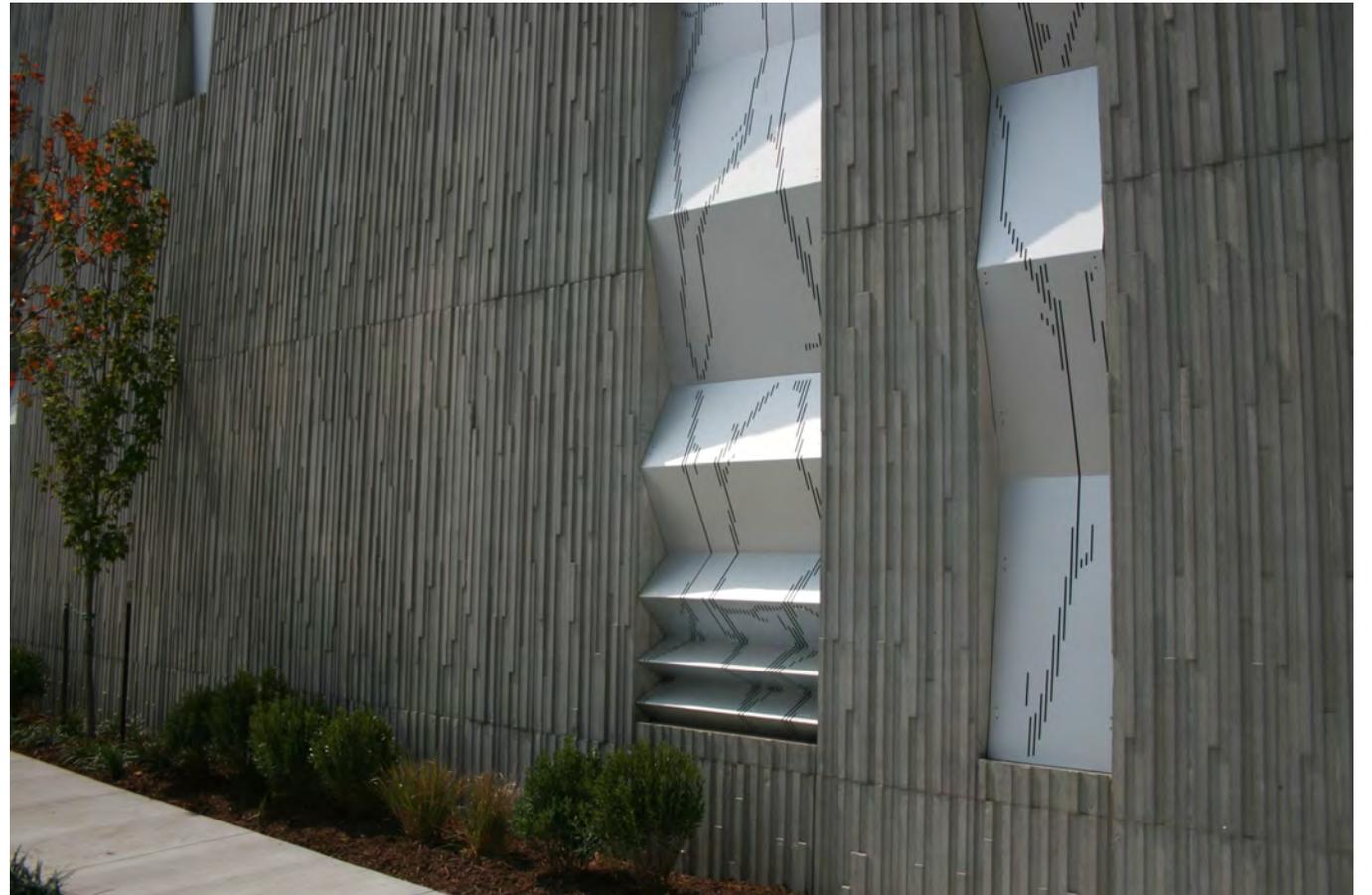
SITE CAST IN PLACE CONCRETE

- Ribbed Texture Formliner

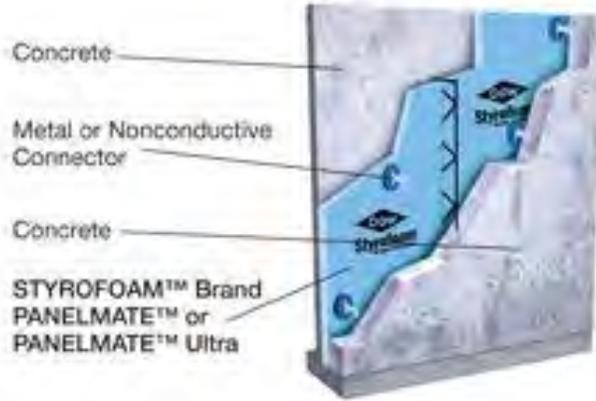
CONCRETE IS AFFORDABLE AND A MATERIAL THAT CAN BE MOLDED EASILY

IT GIVES A BEAUTIFUL END RESULT

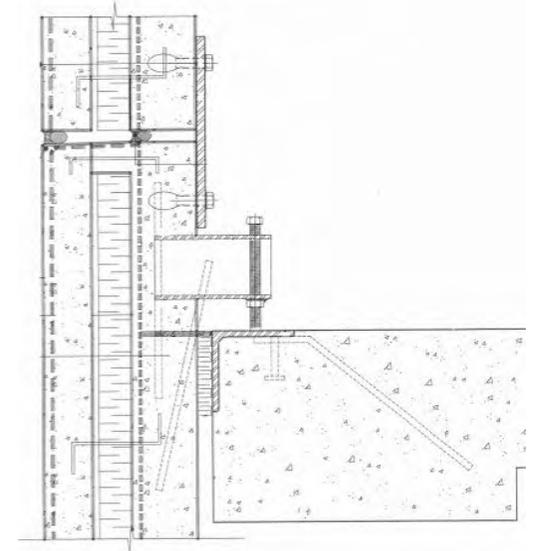
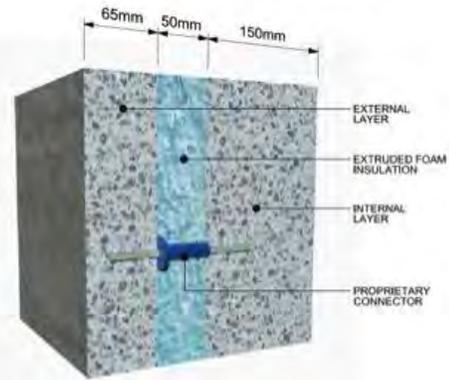
It gives the outside a modern feeling & stands out from the surrounding buildings



Facade Material Concrete Panels



TYPICAL SANDWICH PANEL WALL SECTION



Source Sheet

- <http://suncalc.net/> (for the sun paths)
- PowerPoint Slide
- RIBBED TEXTURE FORM

(https://www.google.com/search?q=%EF%82%A8+Ribbed+Texture+Formliner&source=lnms&tbn=isch&sa=X&ved=0ahUKEwjJyeyL9oHSAhVKymMKHWZCBdkQ_AUICcgB&biw=1920&bih=901#tbs=isz:l&tbn=isch&q=Ribbed+Texture+Form+Liner&imgc=DIQEvjRCRyZ6XM:)