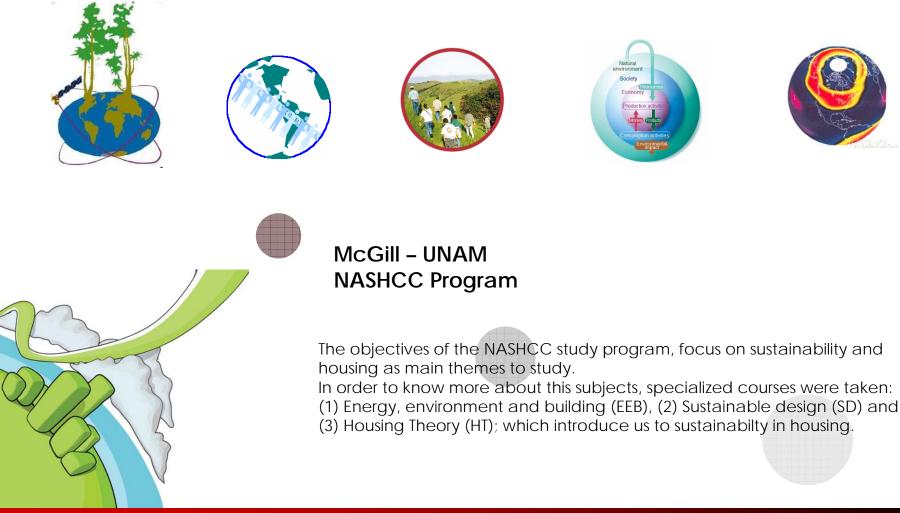
## NASHCC exchange program

UNAM · Facultad de Arquitectura



Joana Moreno Rivera 8th semester



INTRODUCTION...

# School of architecture

#### Project 1. R.Klopp



SLEVELS

Second proposal

The concept of the first proposal relied on transition spaces (greenhouses) between housing blocks to improve the temperature condition of the units...

#### **First proposal**

Solar studies





Because of the solar studies and the orientation of the greenhouses, we decided to do a second proposal, 4 LEVELS having the green volumes on the top of the housing blocks as a communal space... MIPDA9 AFTERNOON

MORNING

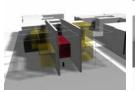
### "Eco-living" in the Lachine Canal...

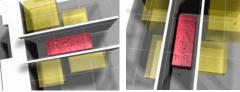
# School of architecture

#### Project 2. A.Sheppard



Site during fall





Schemes and conceptual sketches

Studio U3



Site during winter

The objectives of this project are:

• The creation of galleries inspired and based on the analysis of Alexander Calder's work.

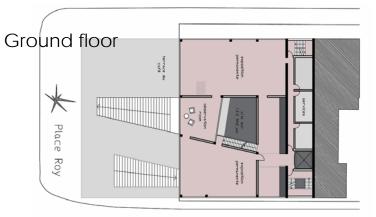
 $\cdot$  The intervention of Place Roy as an extension of the Museum to a public space.



### **ALEXANDER CALDER MUSEUM - Montreal**

## School of architecture

#### Project 2. A.Sheppard



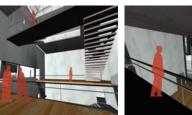
We intended to create different types of galleries in terms of physical characteristics (illumination and height) for the wide gamut of Calder's work, such as mobiles, paintings and sculptures.



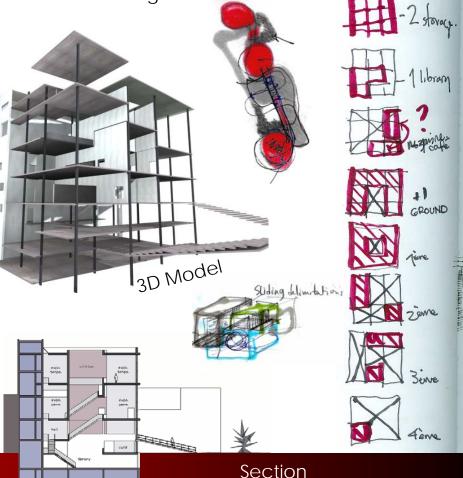
## ALEXANDER CALDER MUSEUM



Interior rendering

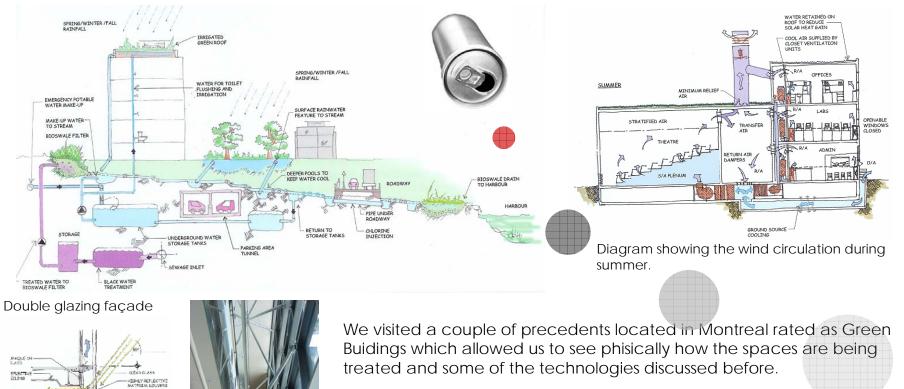








During the EEB course, we were given some examples of Green Architecture in North America, explaining their technologies and concepts to save or generate its own energy. We learned also how can the efficiency of a building can be increased using these strategies.





### Strategies for Green Architecture development

TOUT SHOLD

LOW E DOUBLE

SINGLE GLAZING

65% SLASS

OFERABLE

CP//QU

, C . 108.



apt.

apt. offer shop cultur

pical Parisian 1837

Research project . . .

This course offered us an overview of the history of housing in North America and a deep analysis of its changes through time.

We were taught that housing can not be seen or analysed as an isolated element, but it has links to other aspects such as society (cultural values, economic conditions, demography, policies, technology etc), urban form (skyline, grid, morphology, density) and a constant factor, time.

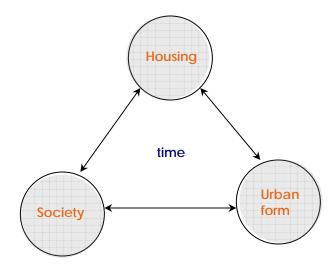


Diagram showing the concepts affecting the housing

In order to understand all of these factors affecting the housing one, we chose one classification of housing form in North America and we did a research about its features and characteristics, including a full analysis of a case study in Montreal.

Spangen, 1919-20

Besides all the architectural and urban qualities that this type of housing offers, I also tried to consider the chances to be designed towards an environmental concern and point of view.

Hazes Avenue Apts. 1922