



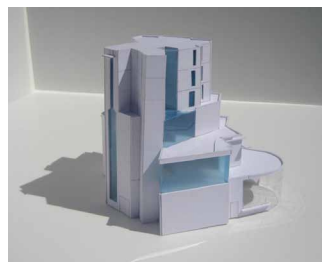
Dominic Van

dominicvan@gmail.com

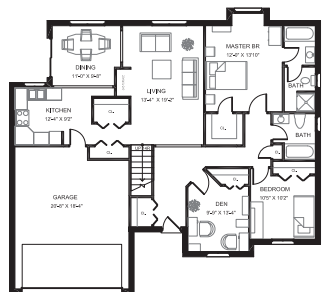
Portfolio



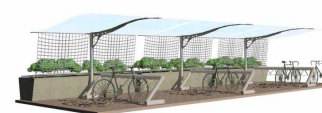
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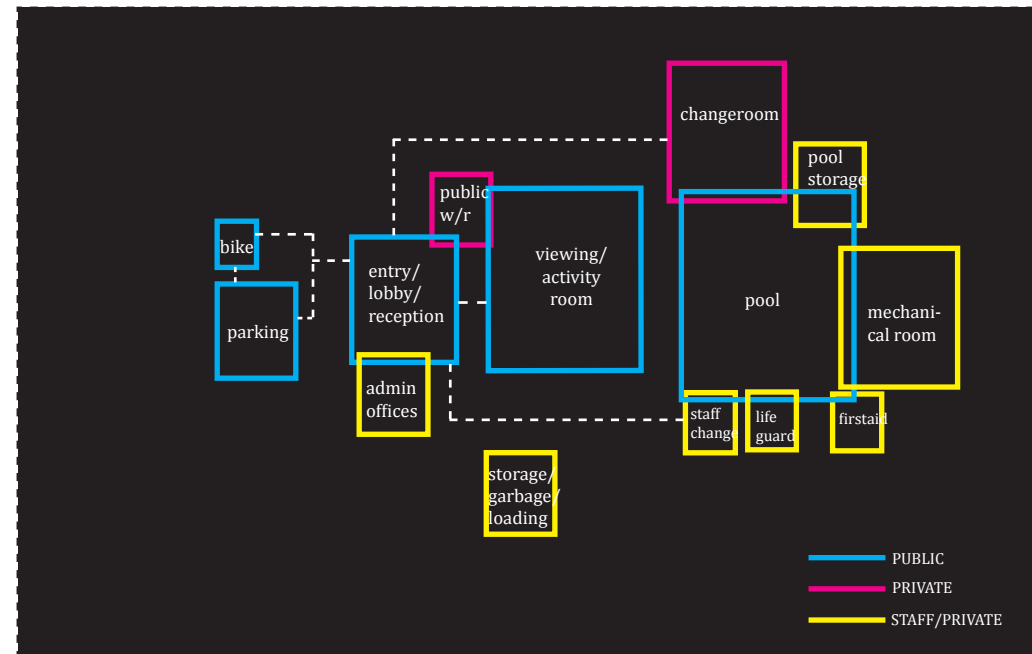
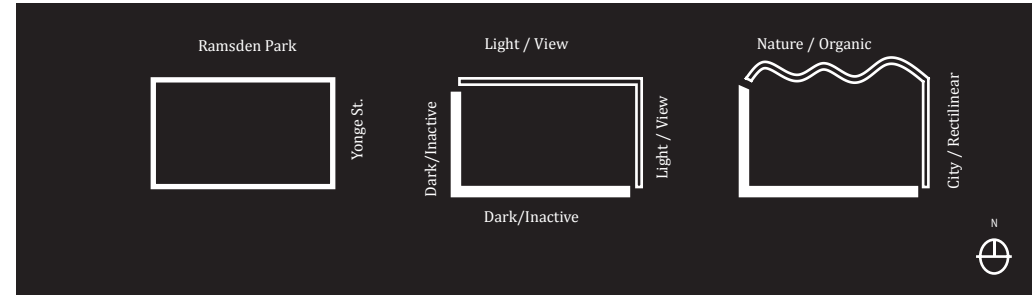
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Ramsden Park Pool & Recreation Centre

Architectural Design III Studio
Spring 2009, University of Toronto, Instructor: Scott Sorli

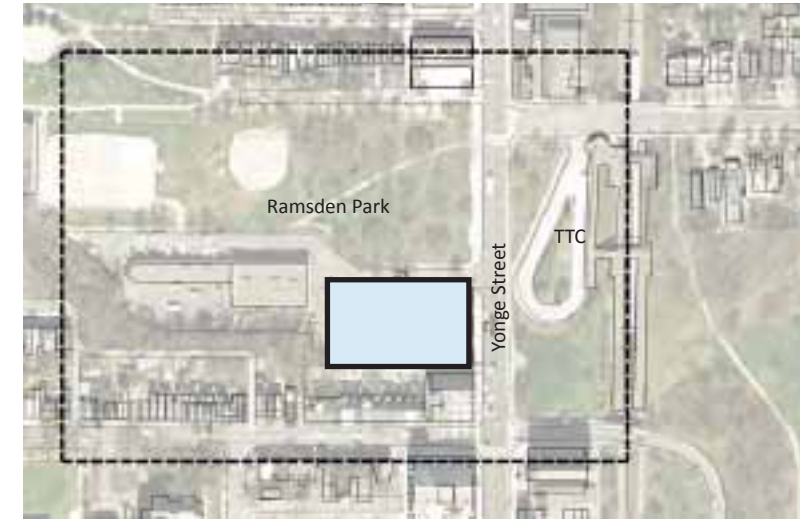
The proposed project is located on Ramsden Park on Pears Ave. and Yonge St. in Toronto. The project site is 2750 sm (30 000 sf) and is across from Rosedale Subway station. The building consists of a public indoor pool, along with secondary amenities including a library, cafe, activity rooms, lounge areas and roof top terrace. These spaces allow for different types of services and activities for the public to enjoy year round.

Light and Form Study



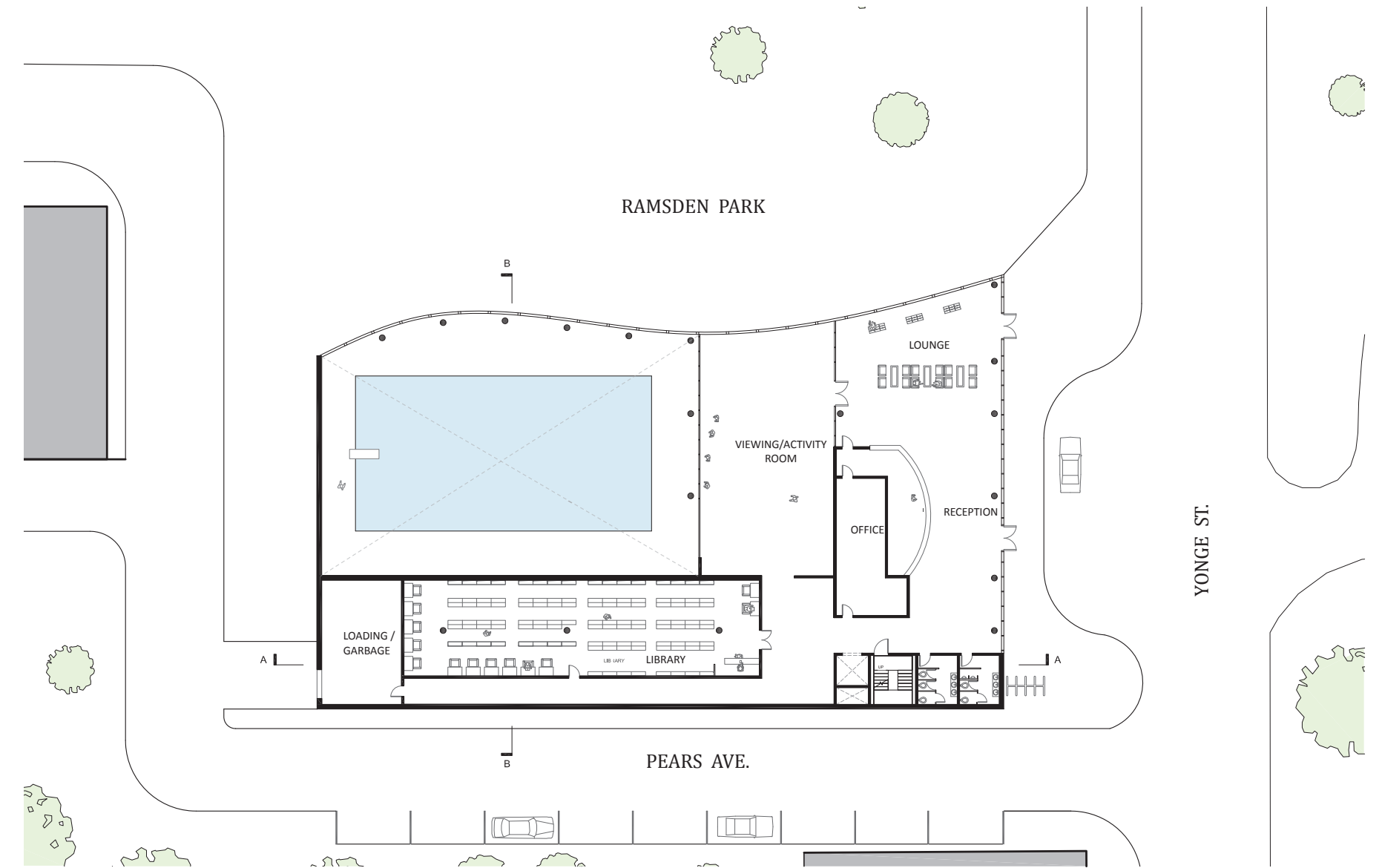
Program Adjacencies + Program Web

Satellite Map of Site: Ramsden Park, Toronto, Ontario

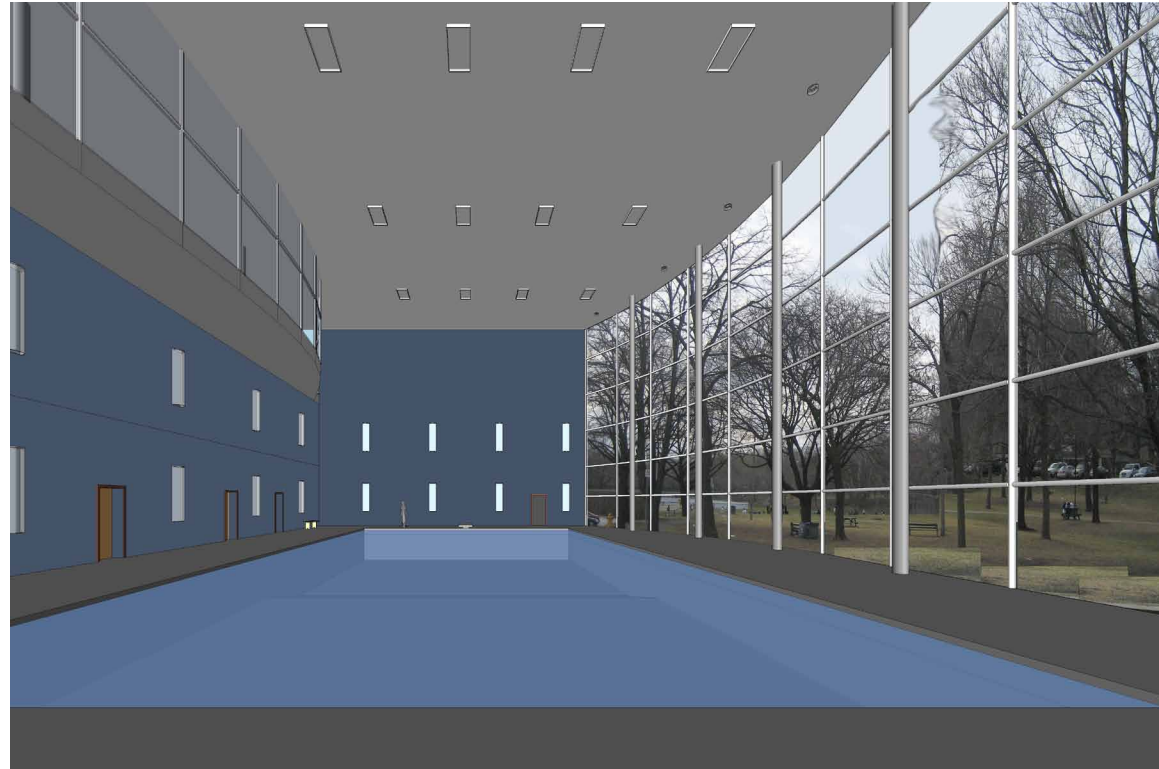


Conceptual Framework

The program is influenced by the conditions of the site and the programmatic elements required. The organization of the programs is arranged based on the dichotomy between the organic/curvilinear north side (Ramsden Park), and the man-made/rectilinear east side (Yonge Street) of the site. These elements affect lighting of the building and views onto the outside natural landscape. Therefore the program was developed to maximize lighting, public and heavy user traffic, and to provide framed views of the Ramsden Park and people in the park.



First Floor Plan within Site

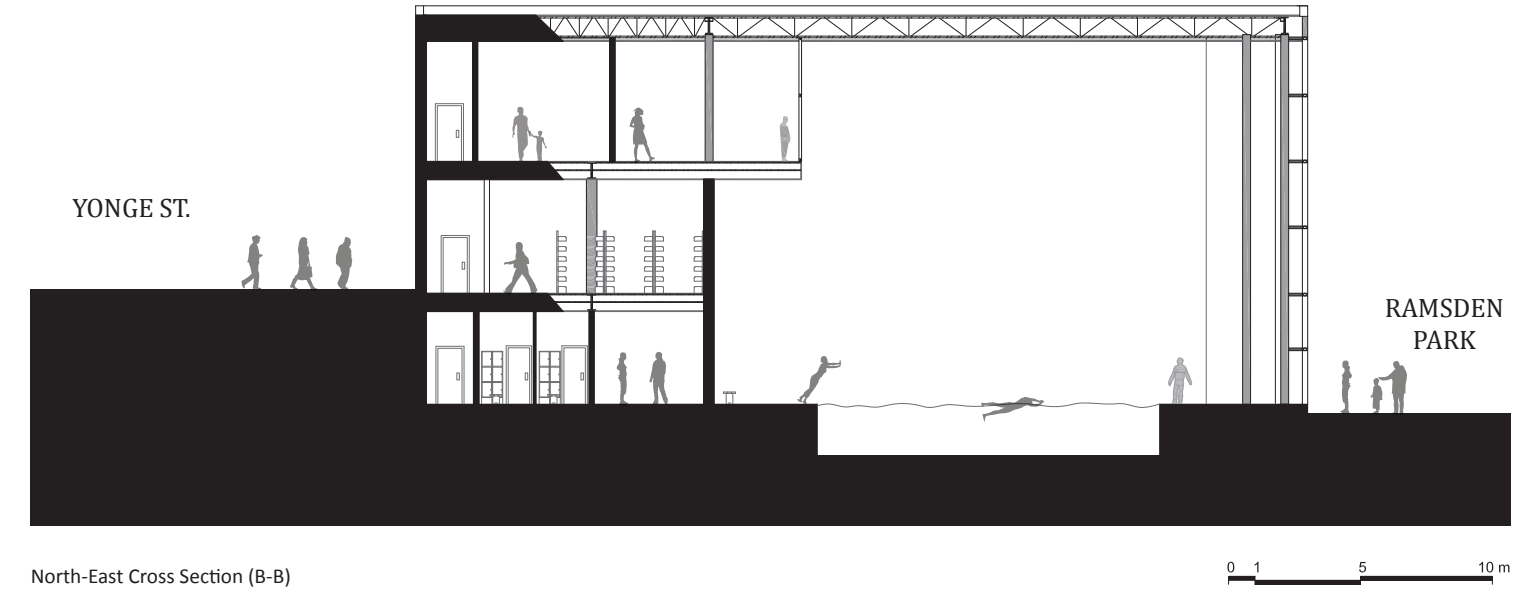


Lighting, Activities, and Nature

Areas that require privacy, quietness, and calmness such as the library or meeting rooms are placed in the obscure locations in the south west corner of the site. While programs that hope to encourage social interactions, spectacles and activities are placed in areas where they would be provided with natural light and views of the natural and built environment of Ramsden Park and Yonge Street respectively.

Views and Viewers

Nature is brought to the inside via the undulating glazing for swimmers as well as viewers in the cafe on the second floor. The undulating form symbolizes the sloping landscape of Ramsden Park and water waves of the pool. Here people view OUT to the landscape, while on the east façade, the clear glazing enables people on the street to view INTO the activities and people inside the building. There is a constant relationship of spectator and spectacle, viewer and users.



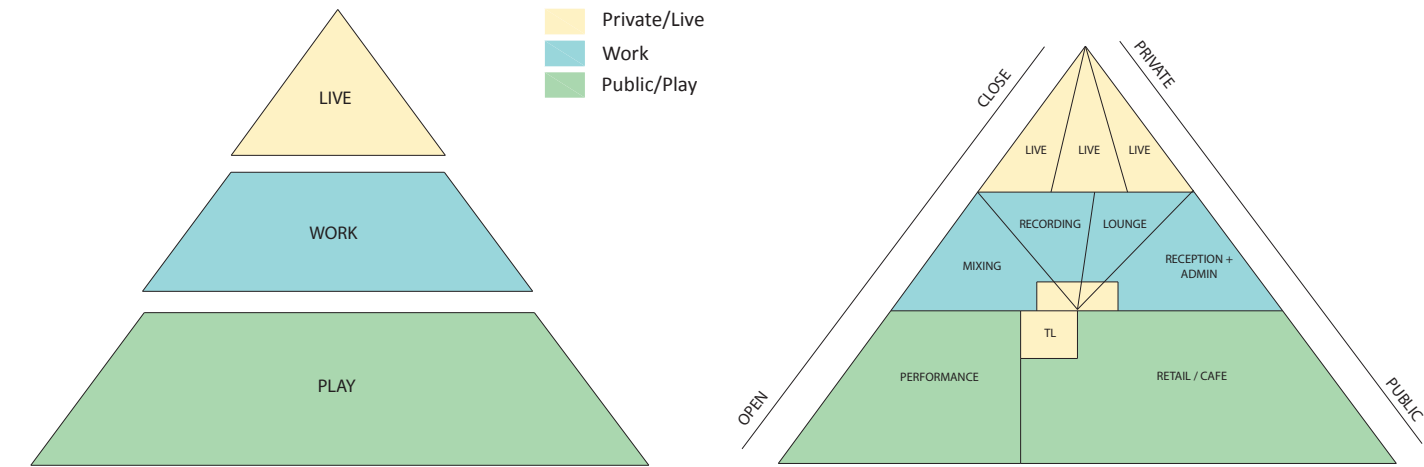
North-East Cross Section (B-B)



Mixed-Use Program: Live, Work, Play

Architectural Design I
Spring 2008, University of Toronto, Instructor: Drew Sinclair

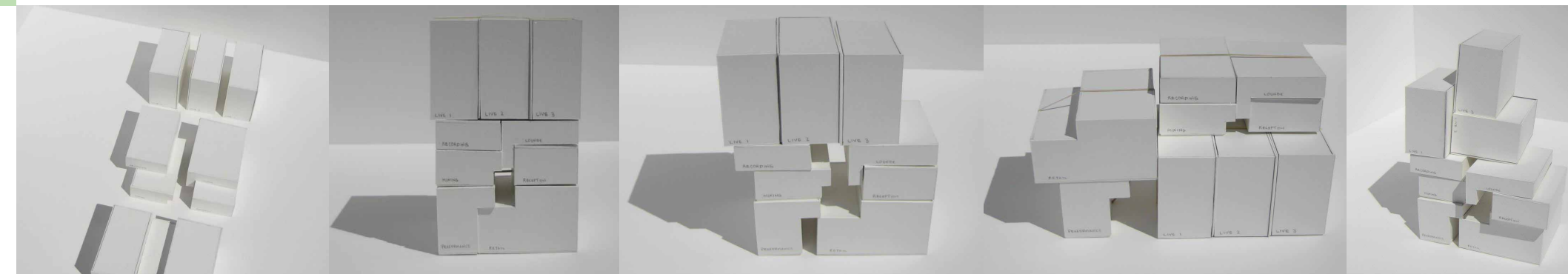
This project deals with the concept of Live, Work, Play in a single multistory building. The client, Daniel Lanois is a Canadian record producer and singer-songwriter. He wishes for a building (located on a unique triangular site) to contain a retail floor, a recording studio and three residential units for visiting artists.



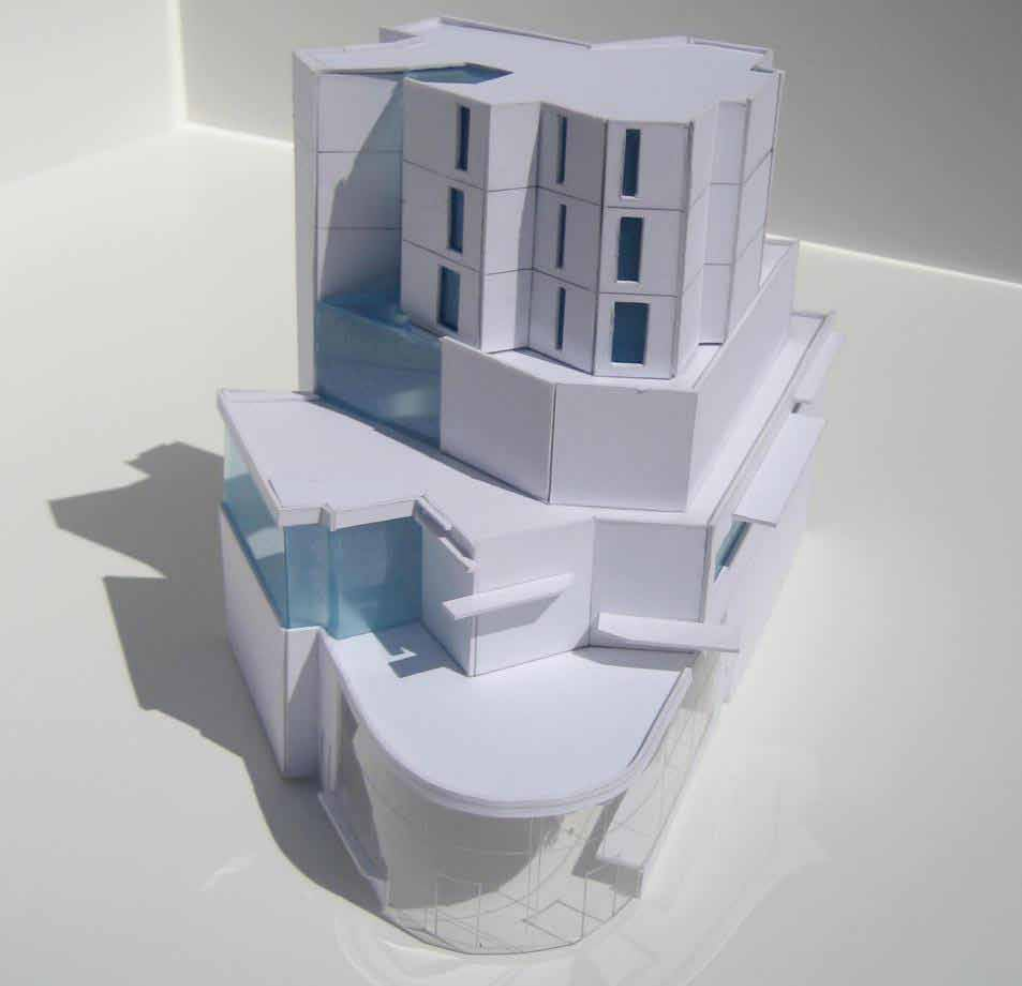
Program Organization Study

The main concept behind this project deals with the relationship of public | private and open | close spaces for various activities in the building. The client has called for three distinct programs of LIVE, WORK, and PLAY. These programs require careful attention to different spaces, sizes, and proximities to each to accommodate public and private circulation and use.

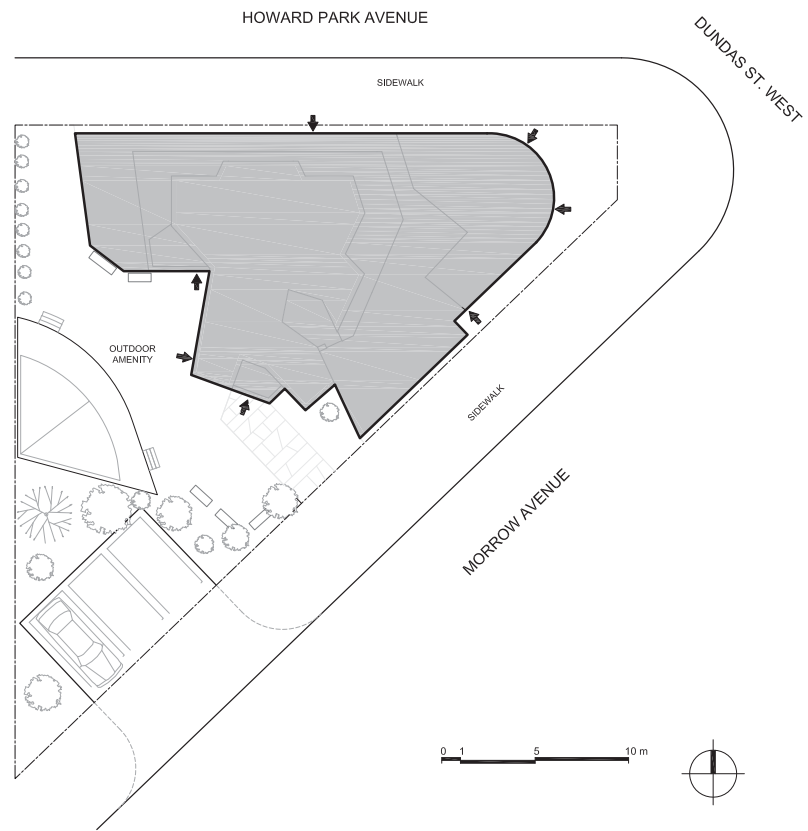
The ground floor has been allocated for public programs which demands larger spaces, more lighting, and access to the street. The second floor contains the semi-public program of the studio work spaces. Subsequent floors above this are more compacted and private while still offering suitable living units for visiting artists of the studios.



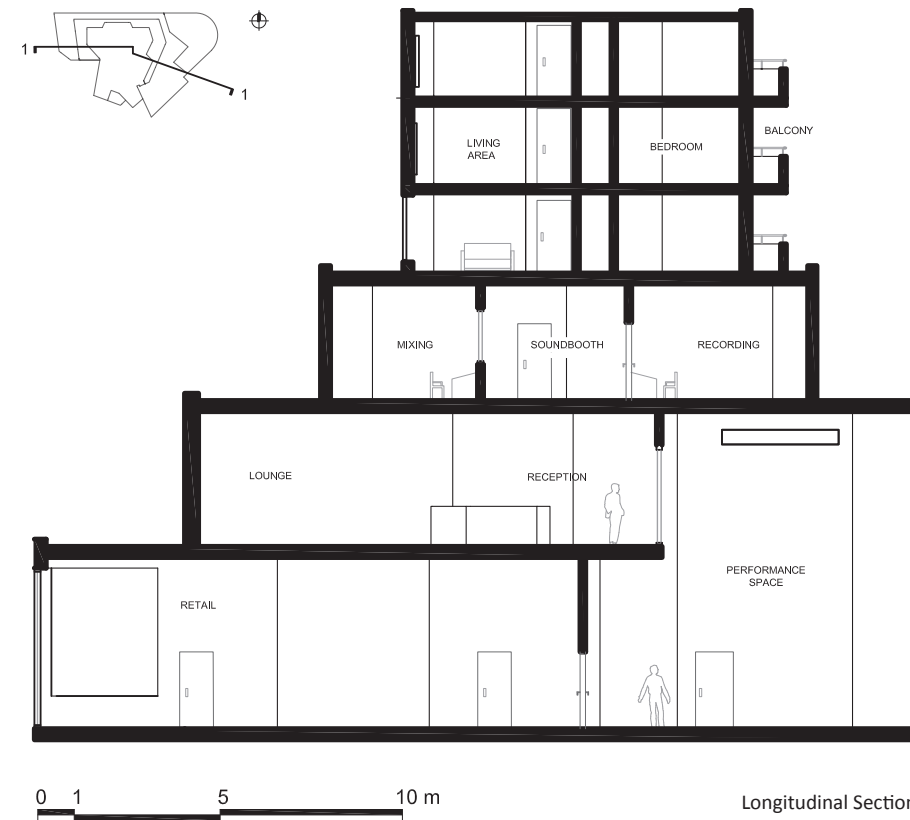
Program Mass Study Model



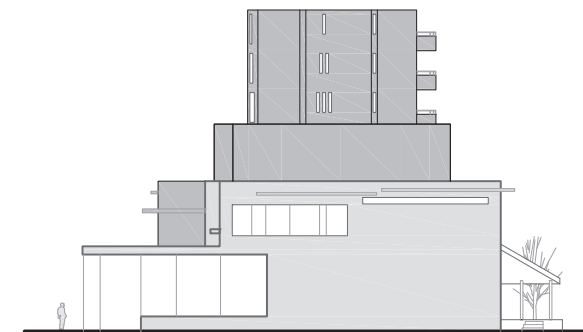
Model
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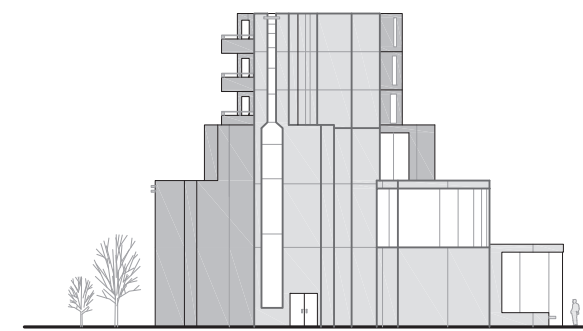
Site Plan: 1 Howard Park Avenue, Toronto.



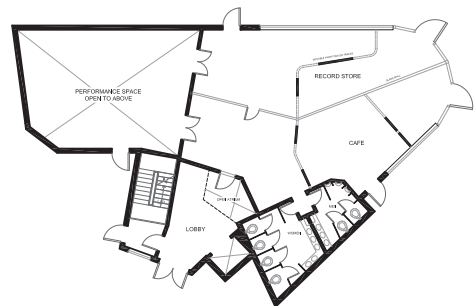
Longitudinal Section



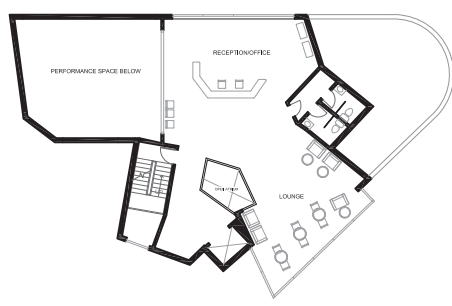
North Elevation (N.T.S.)



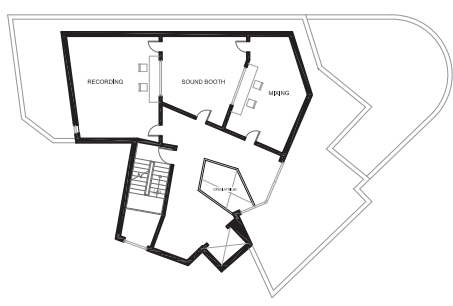
South Elevation (N.T.S.)



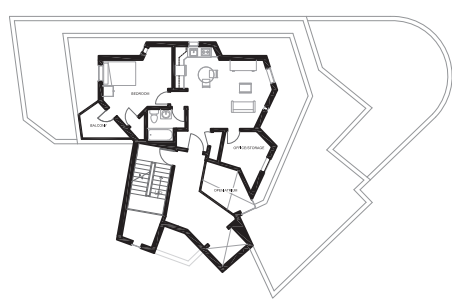
Ground Floor (N.T.S.)



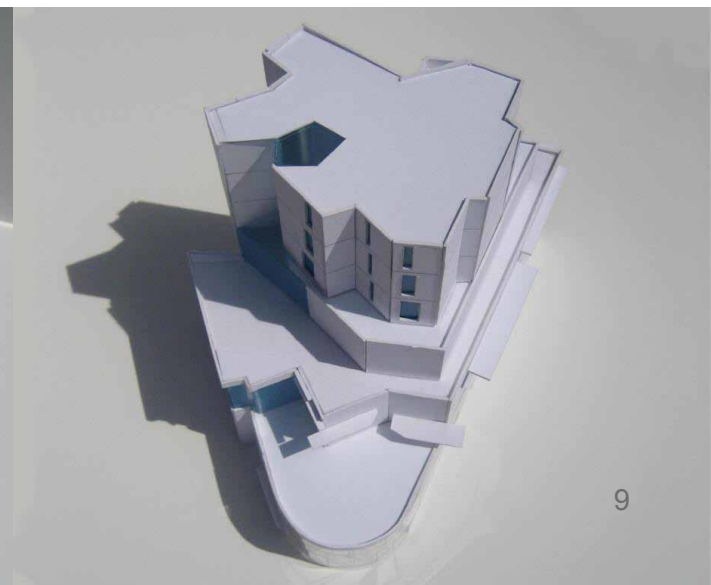
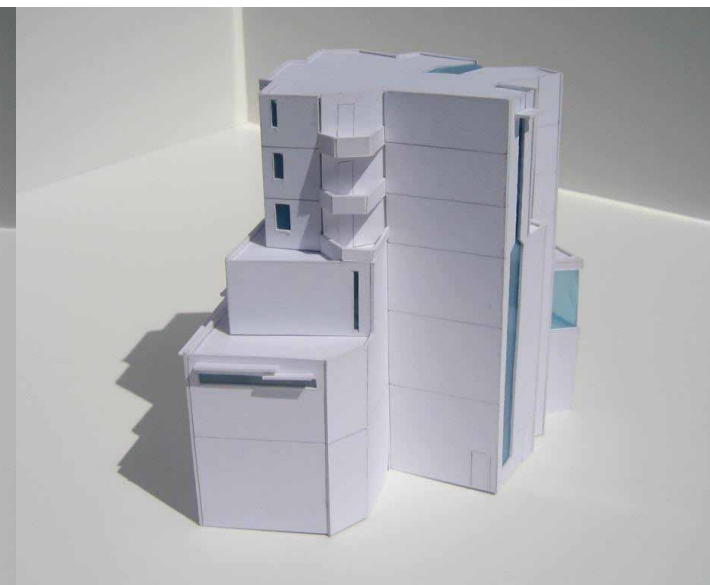
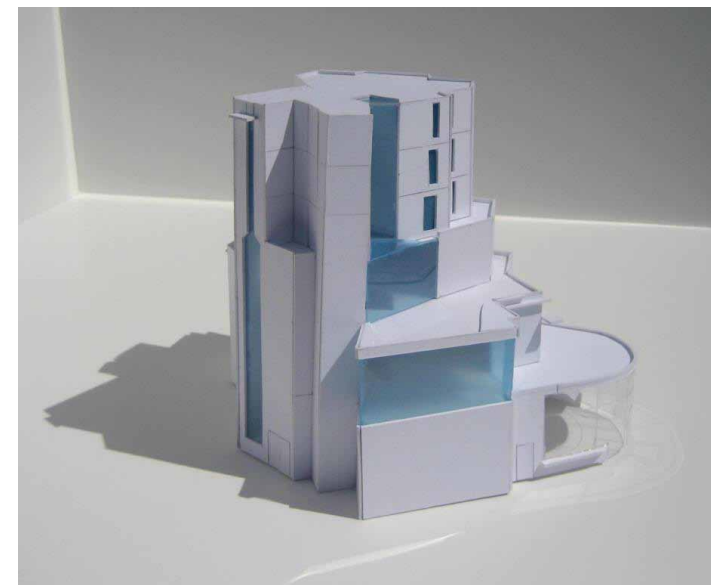
Second Floor



Third Floor: Studio



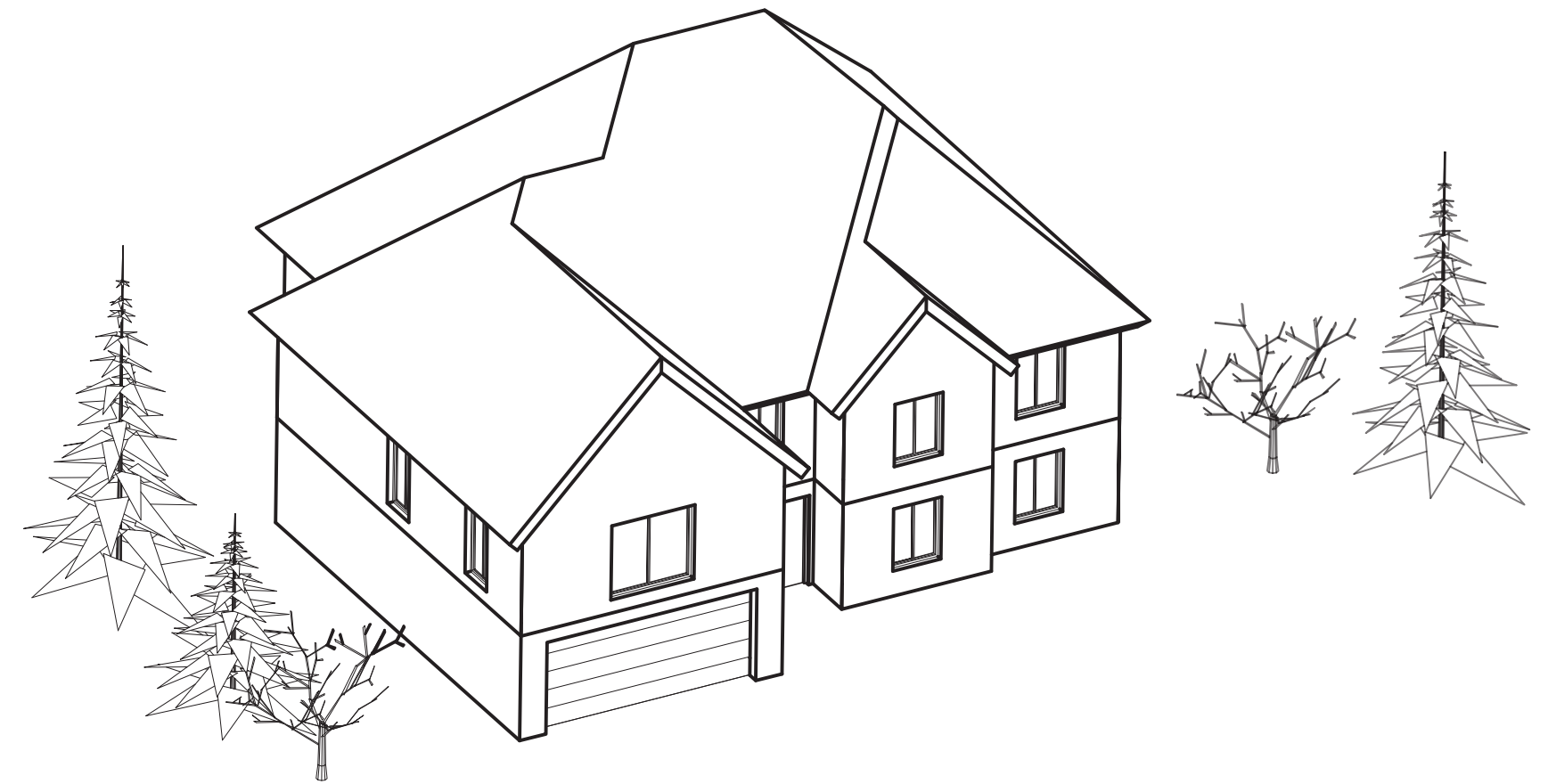
Floors 4-6: Residential Units



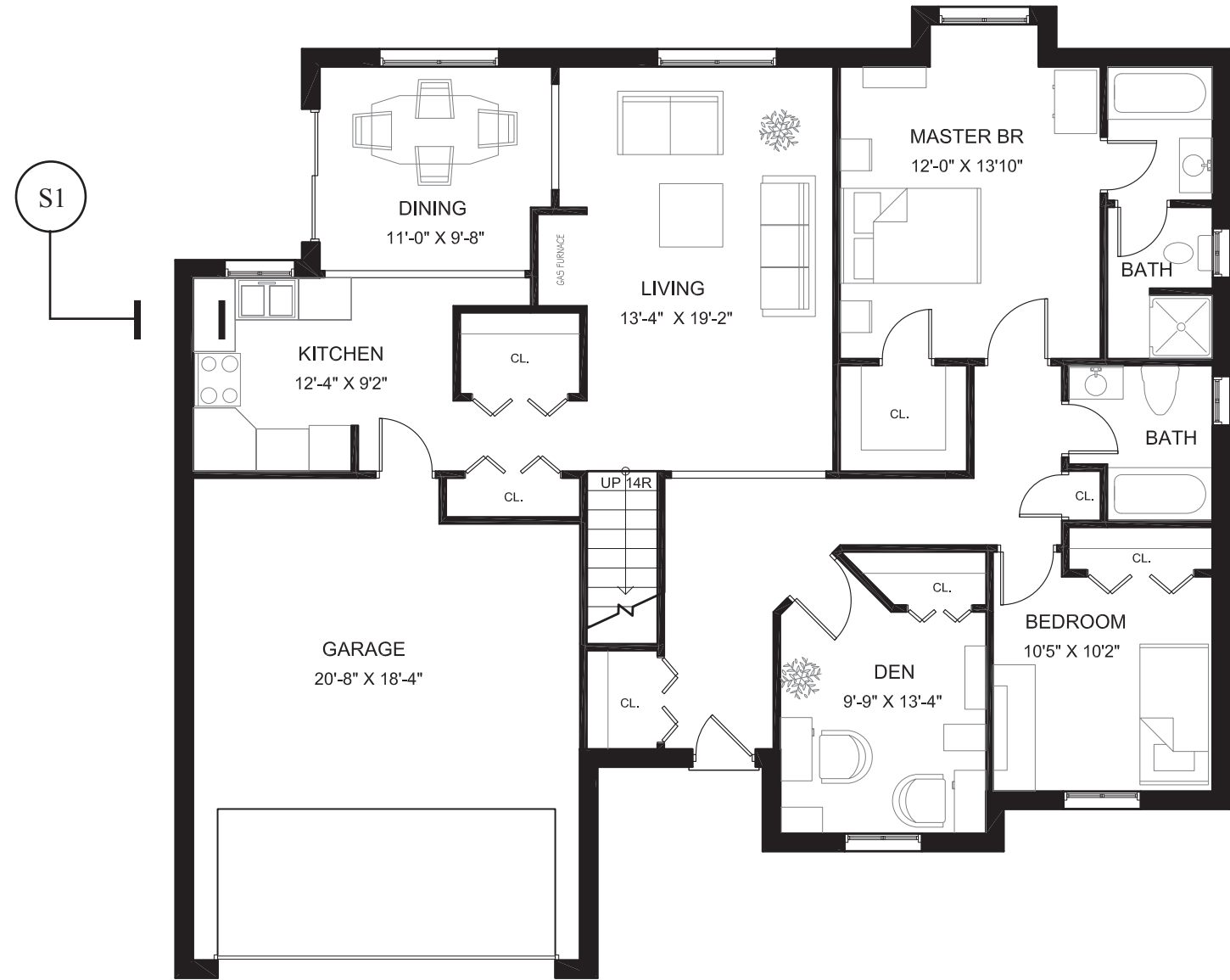
Technical CAD Drawings: RS House

Architecture Computer Design and Working Drawing
Spring 2004, George Brown College, Instructor: Neil Young

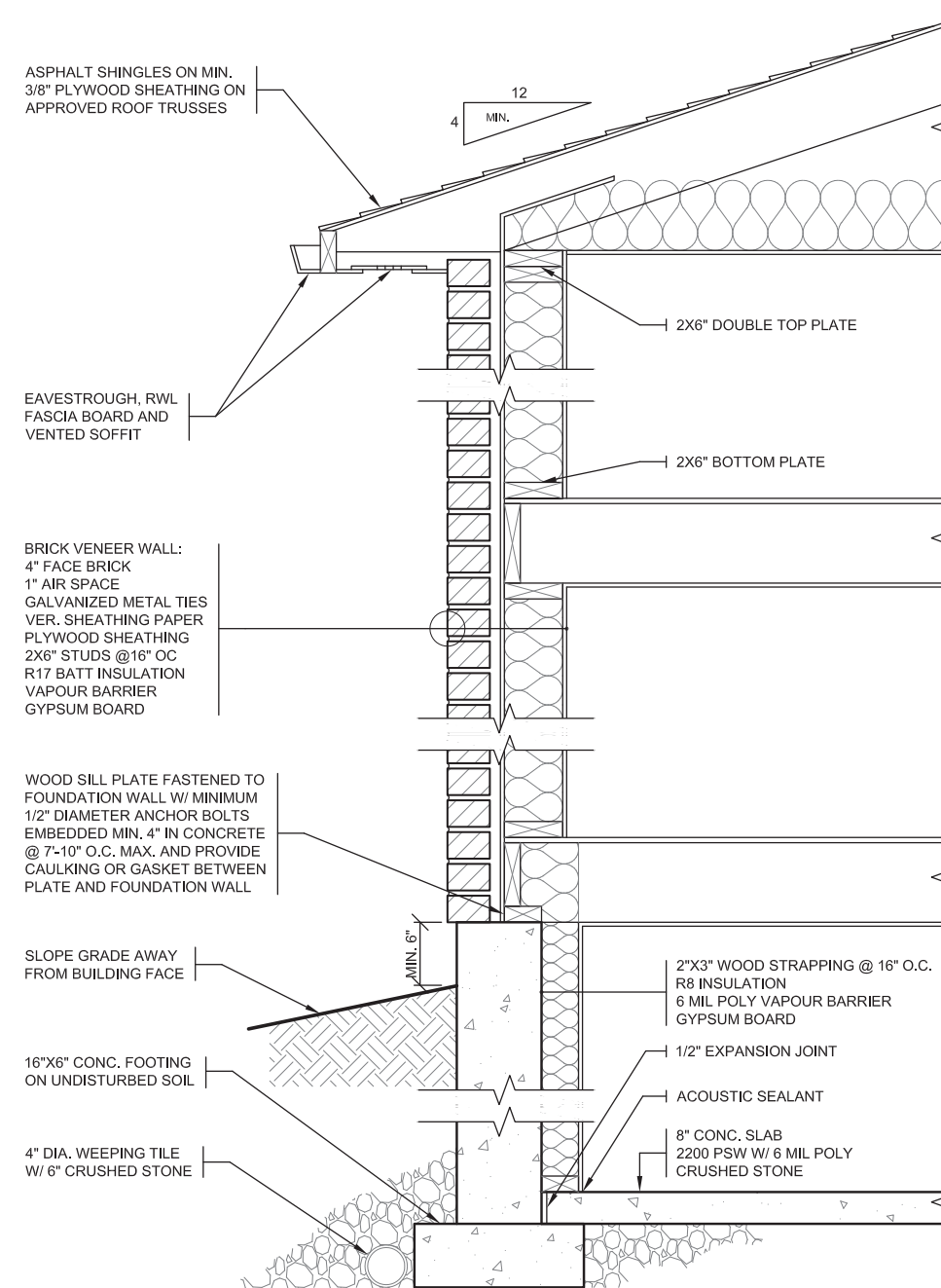
The Riverside House is a single family home located in a new development Barrie, Ontario. It is a light wood-frame construction house with a brick and stone facade.



Exterior Perspective



Ground Floor Plan
1/8" = 1'-0"



S1 Wall Section Detail
3/4" = 1'-0"

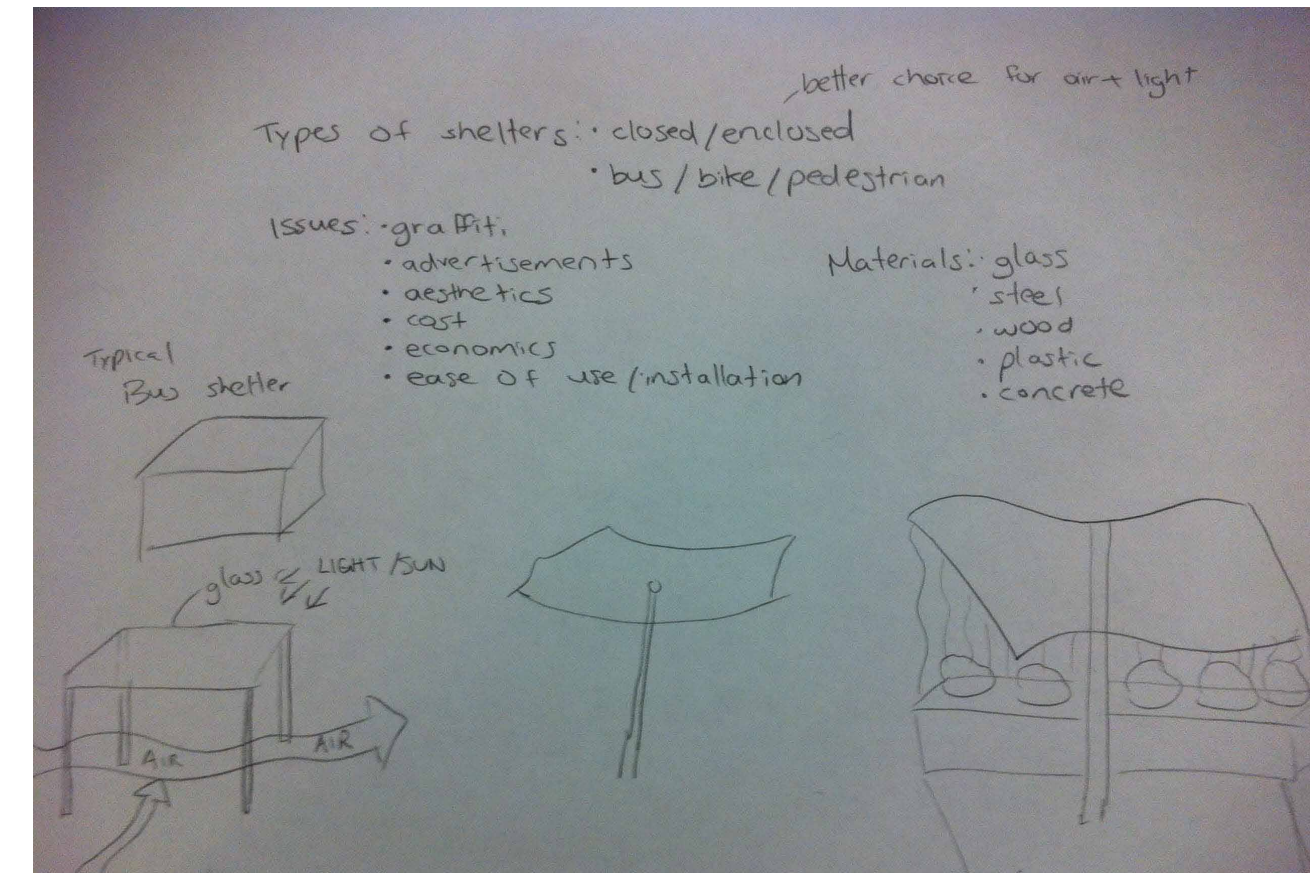
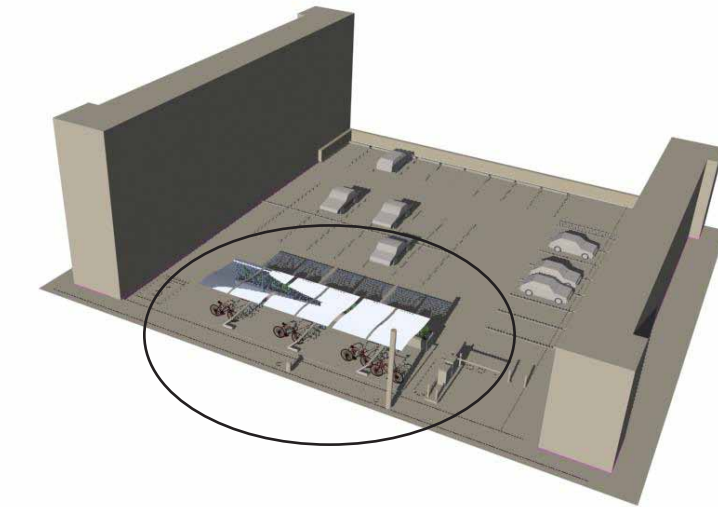
Refuge (Bike) Shelter

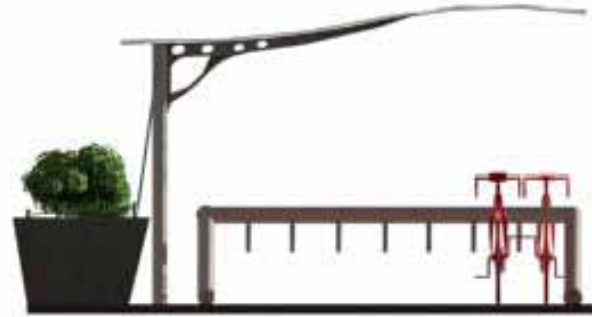
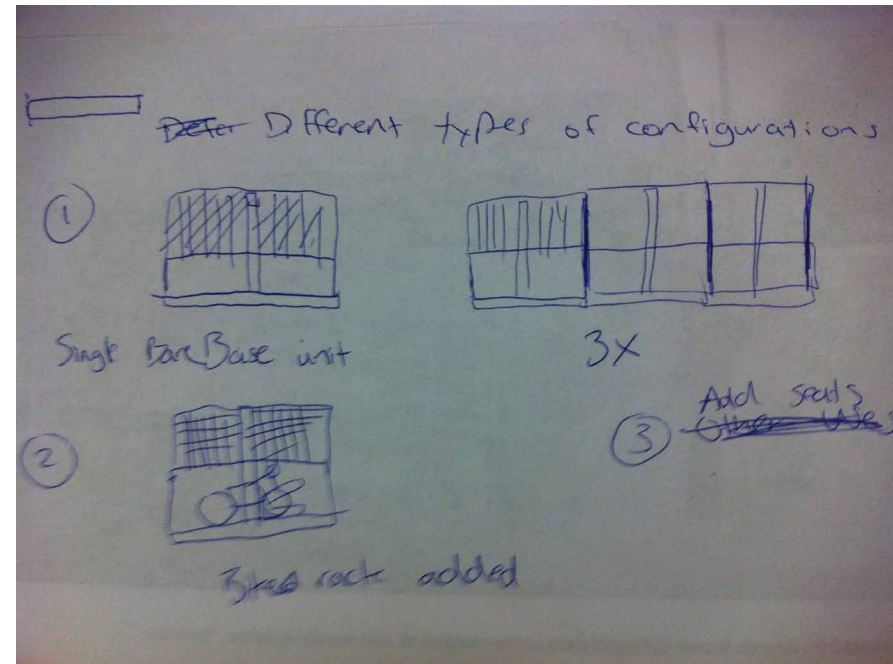
Architecture Design and Technology IV
Spring 2006, George Brown College, Instructor: Steffanie Adams

Cyclists in the city of Toronto know too well the frustrations of dealing with harsh elements and lack of suitable bike storing locations. The ability to seek refuge for a few moments while securing their bicycles would foster a more welcoming environment and promote an efficient and healthier mode of transportation.

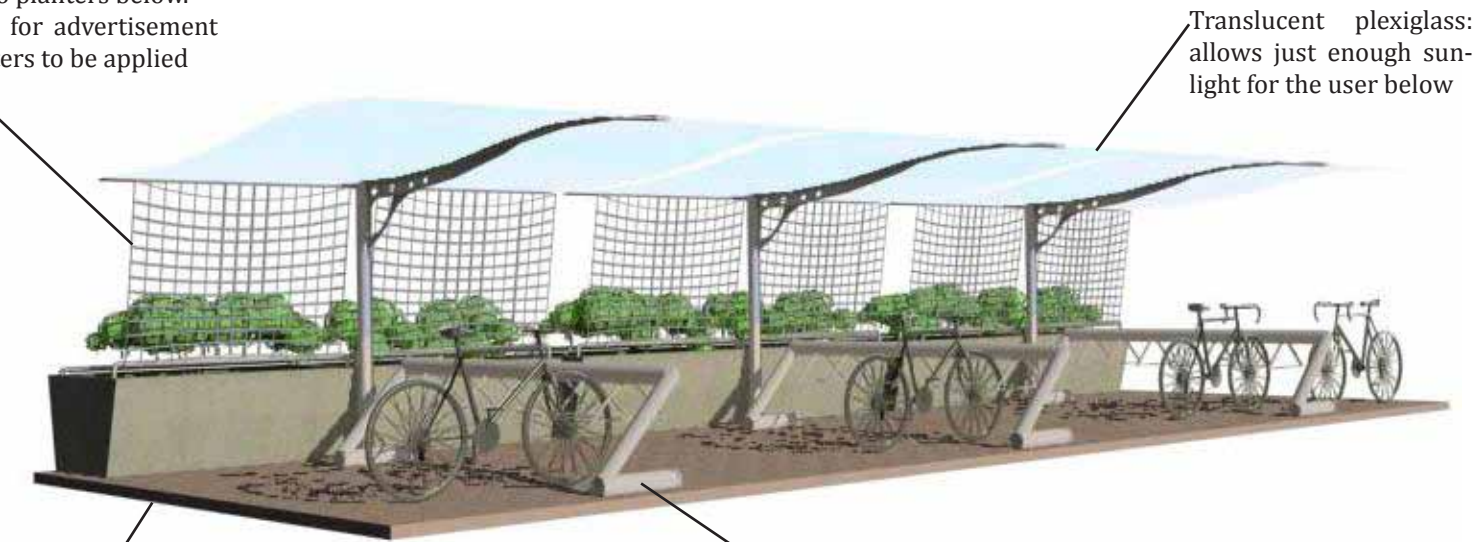
The structure:

The proposed shelter, named Refuge, is comprised of three identical, yet independent, structures configured to act as one. A single steel column and beam supports a roof made of translucent resin panels. The roof is sloped, allowing for rainwater to be captured and fed into concrete planters placed behind the shelters through the use of resin mesh lattice.





Resin mesh:
-acts as guide for rainwater to flow to planters below.
-difficult for advertisement and posters to be applied



Translucent plexiglass:
allows just enough sunlight for the user below

Prefabricated concrete base and planter unit

Bike racks can be changed for other purposes such as seating/benches



Proposed site located on George Brown College's Casa Loma campus at 160 Kendal Avenue, Toronto.