



PORTFOLIO

MUDRA PANDYA
LEED Green Associate






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 JANUARY 20, 1995

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“Similar to a river, our life is also a passage of time during which we experience, learn and execute unusual things based on the type of spirit we incarnate within us.”

An optimistic person, strongly promoting sustainability and a quality of built environment through design in accordance to standards and Ontario Building Codes.

EDUCATION:

ARCHITECTURAL TECHNOLOGY, ADVANCED DIPLOMA

Centennial College, Toronto, ON.

Sept 2018- Apr 2020

BACHELORS IN ARCHITECTURE,
Gujarat Univesity, Gujarat, India.

Jul 2012 - Jul 2017

CREDENTIALS:

LEED Green Associate

Feb 2020 - Feb 2022

SOFTWARE SKILLS:





CONTENT

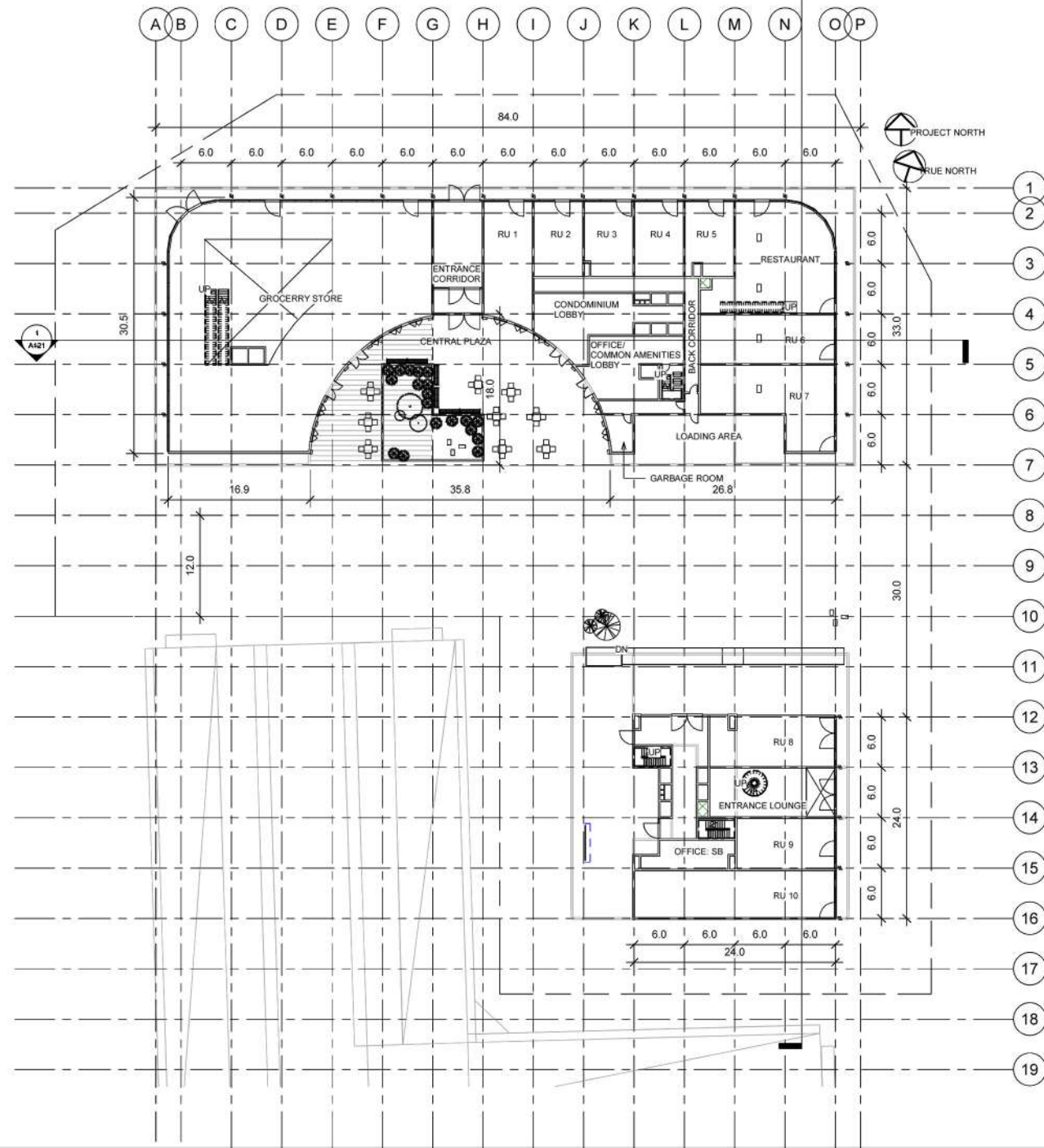
- 1. Multi - Use High Rise : Condominium Design(Ongoing project)
- 2. Complex Project : Senior's Housing (CD phase)
- 2. Institutional : Elementary School Design(DD phase)
- 3. Residential : Detached House Design(DD phase)
- 4. Other Works : Pavilion Design
Photography
Sketching



“VERTICAL URBANITY”

“Vertical Urbanity”, a mixed-use development project is designed based on the concept of linked hybridization, extending the public spaces into traditional private spaces which are linked by sky walk corridor. Eventually expanding the ground area for social interaction, blending with the characteristic of the neighborhood.

The massing is developed based on the ‘Tall Building Guidelines’, and upcoming condominiums around the site, which targets to achieve better indoor air quality in order to protect the environment.



1 PODIUM LEVEL 1

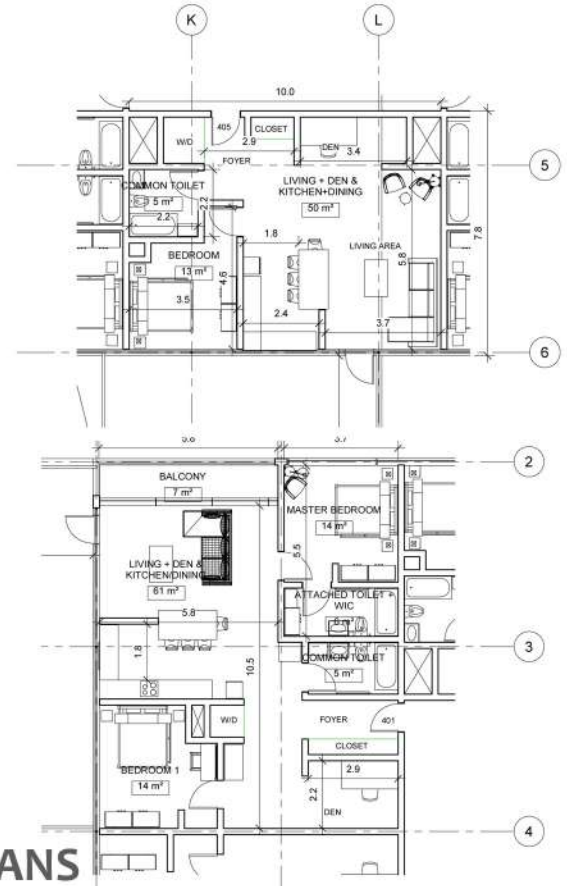
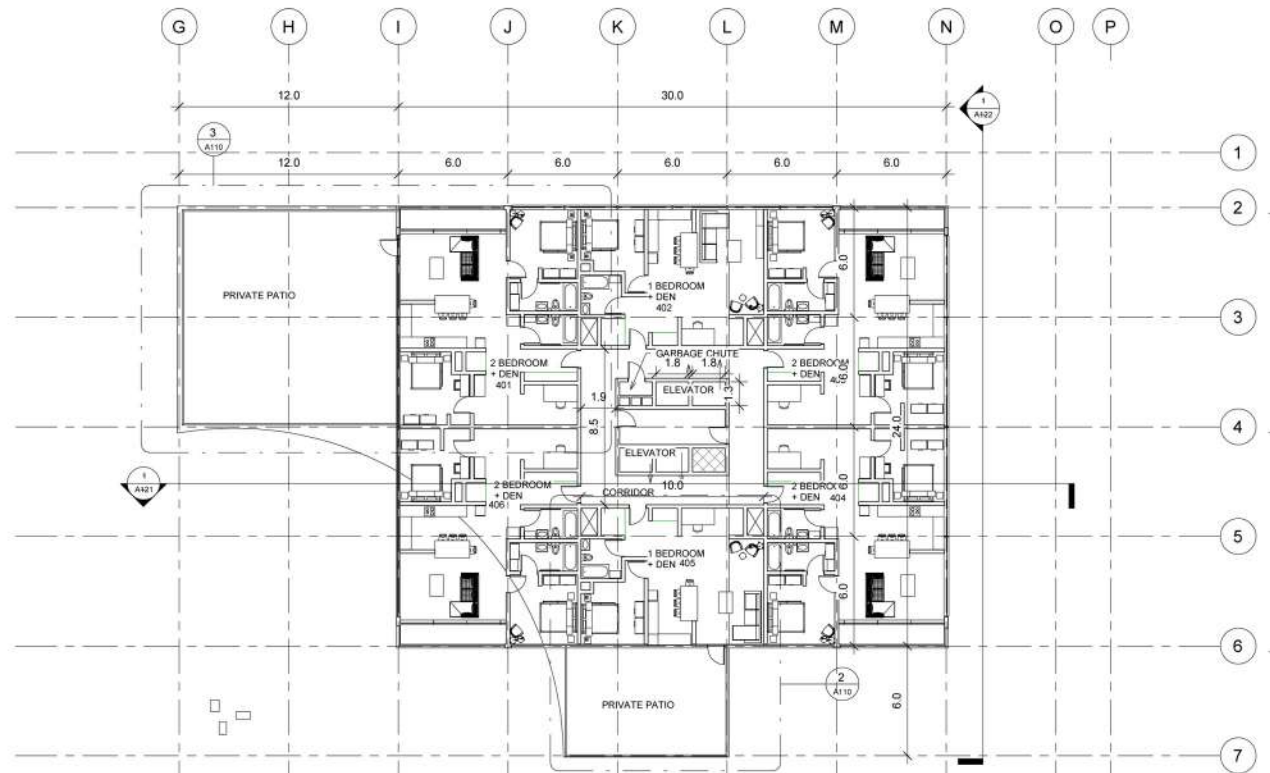
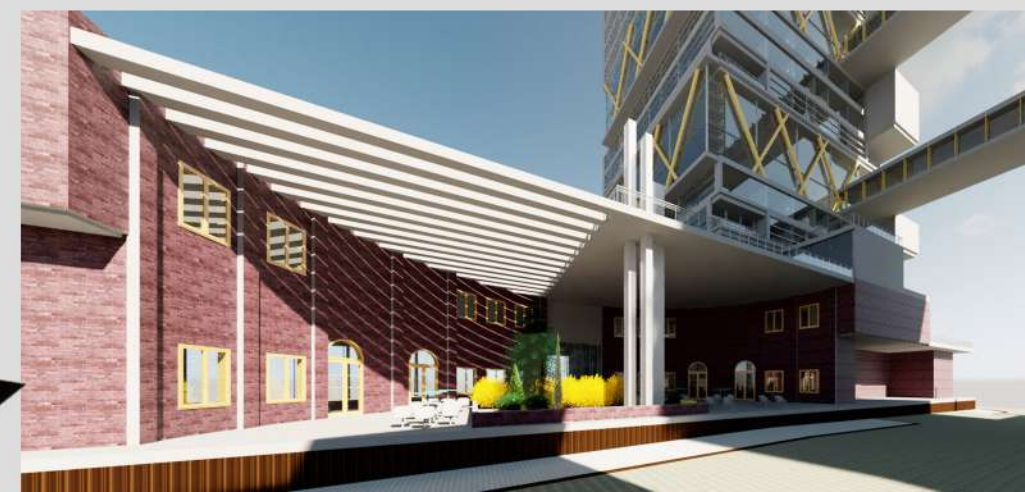
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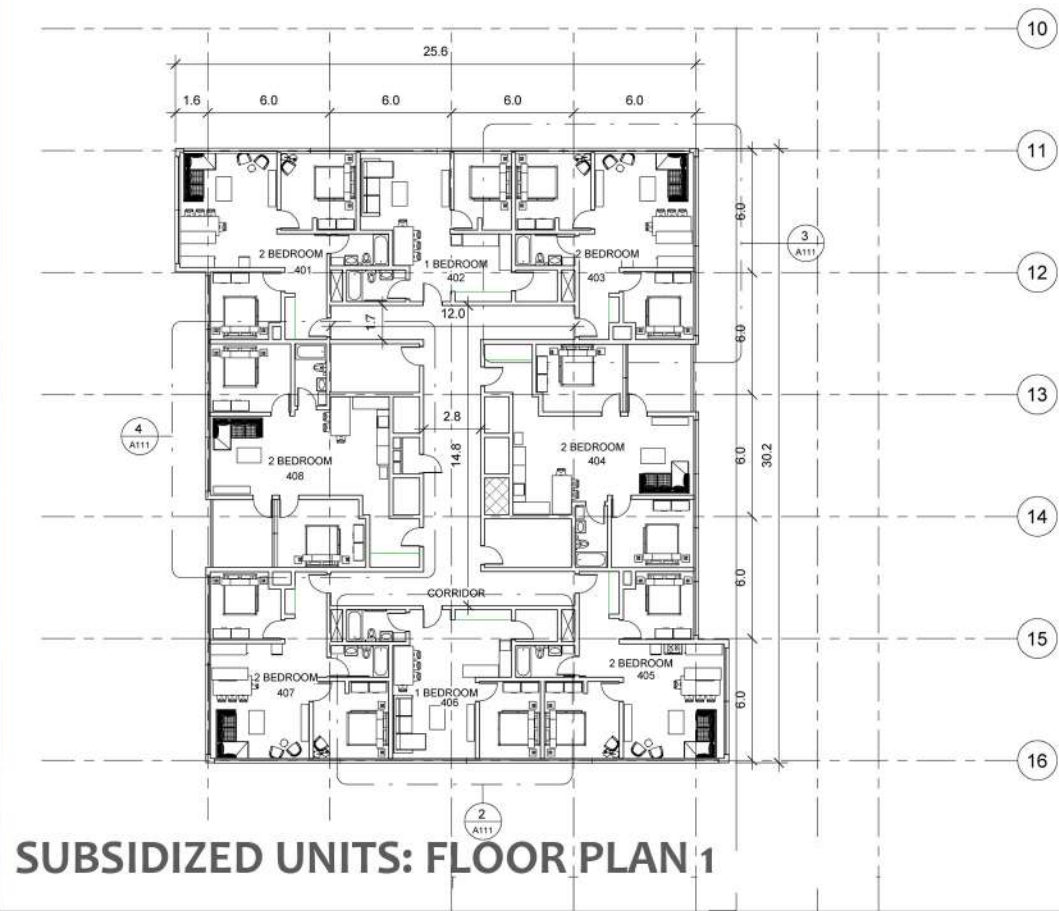
CONDOMINIUM UNITS - FLOOR PLAN 1

1

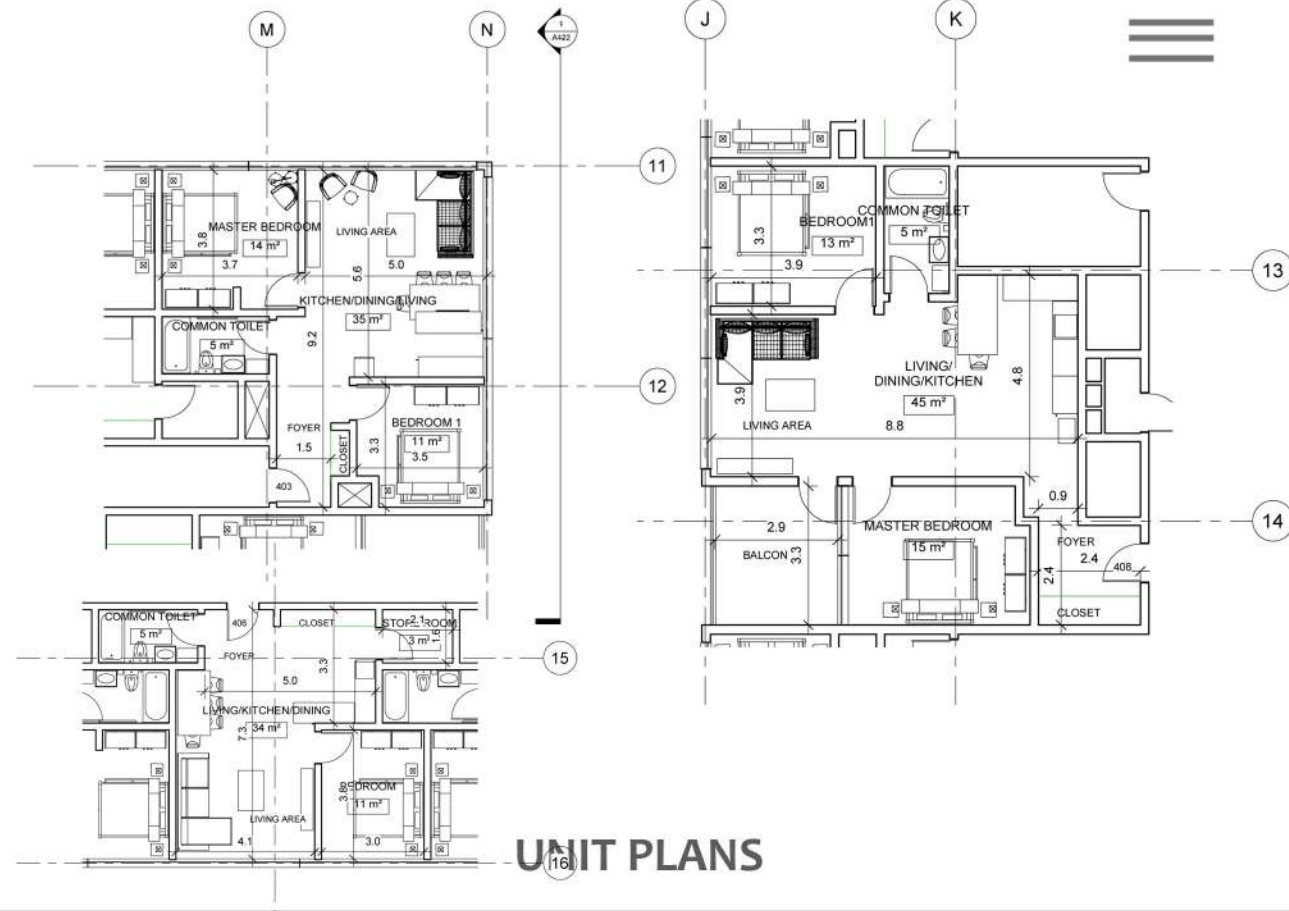


UNIT PLANS





SUBSIDIZED UNITS: FLOOR PLAN 1



UNIT PLANS

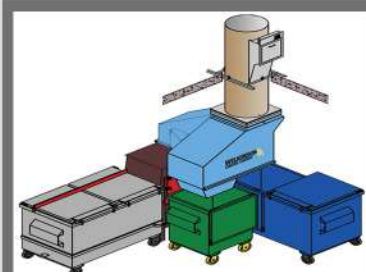
SUSTAINABLE FEATURES



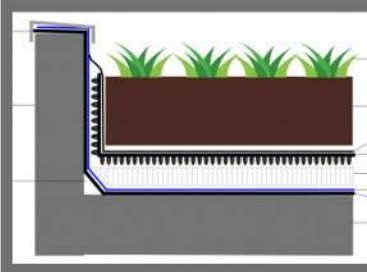
Electric Car
Parking Stations



Promoting
Habitat Protection



Three Chute
Garbage System



Green Roofing

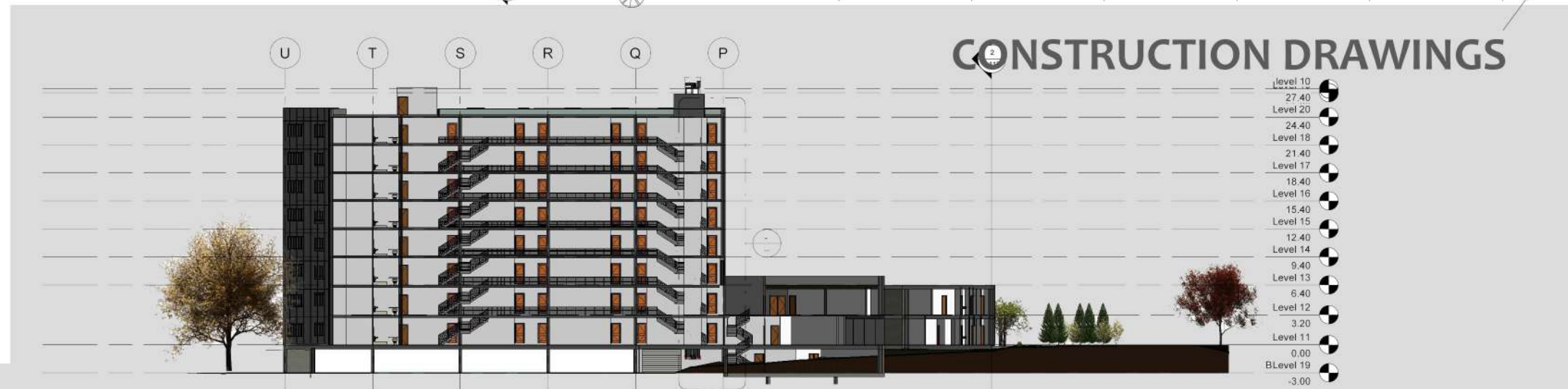
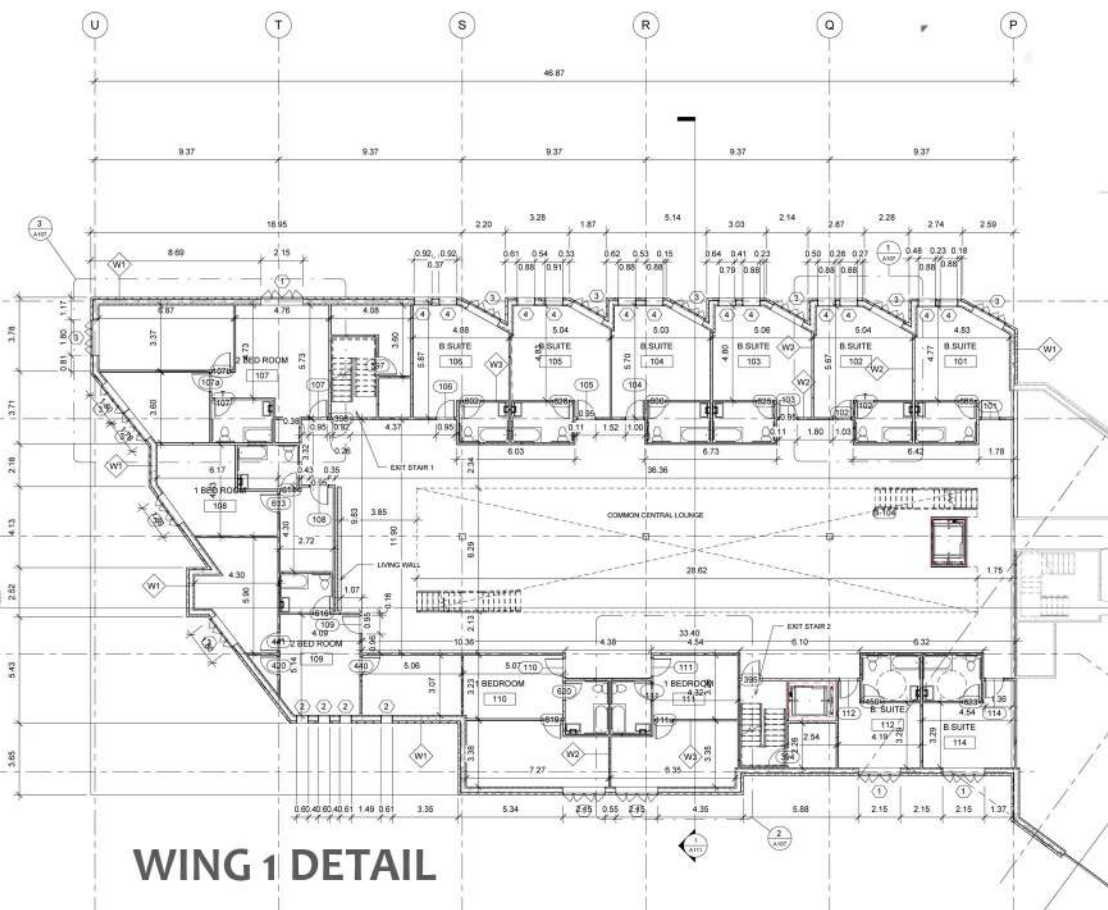
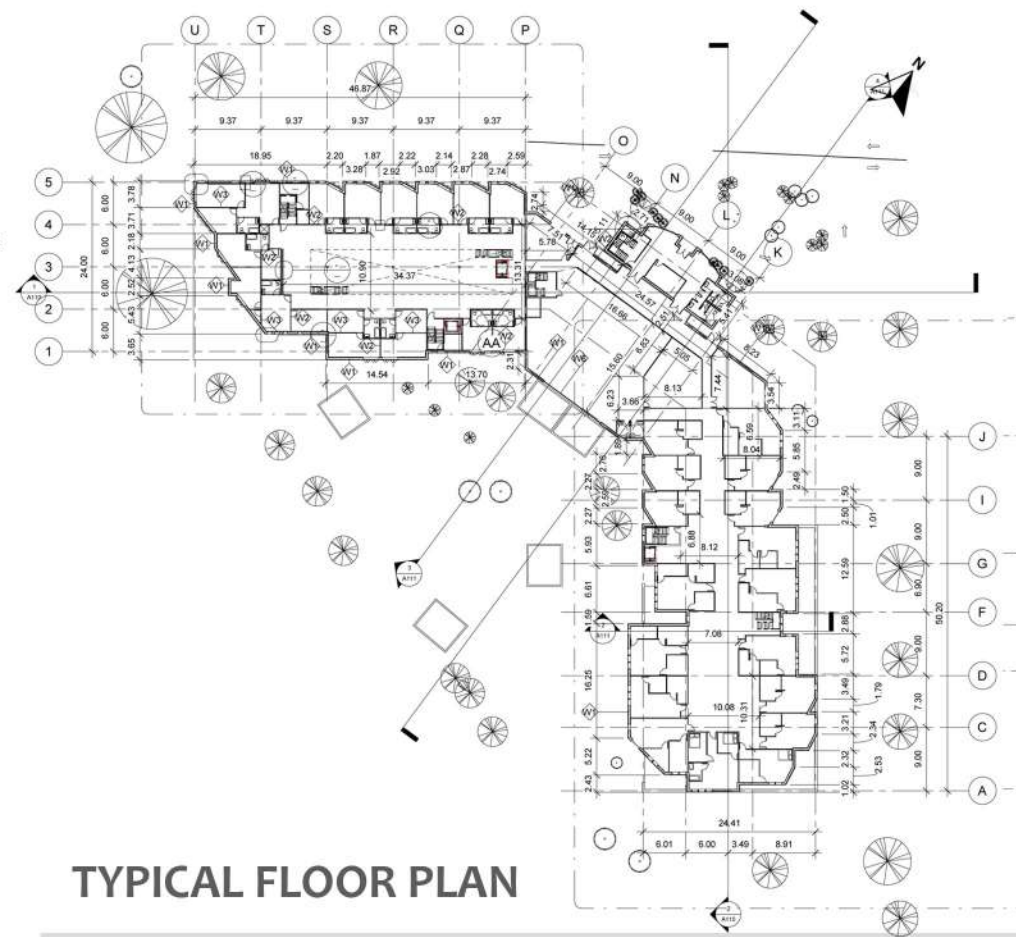
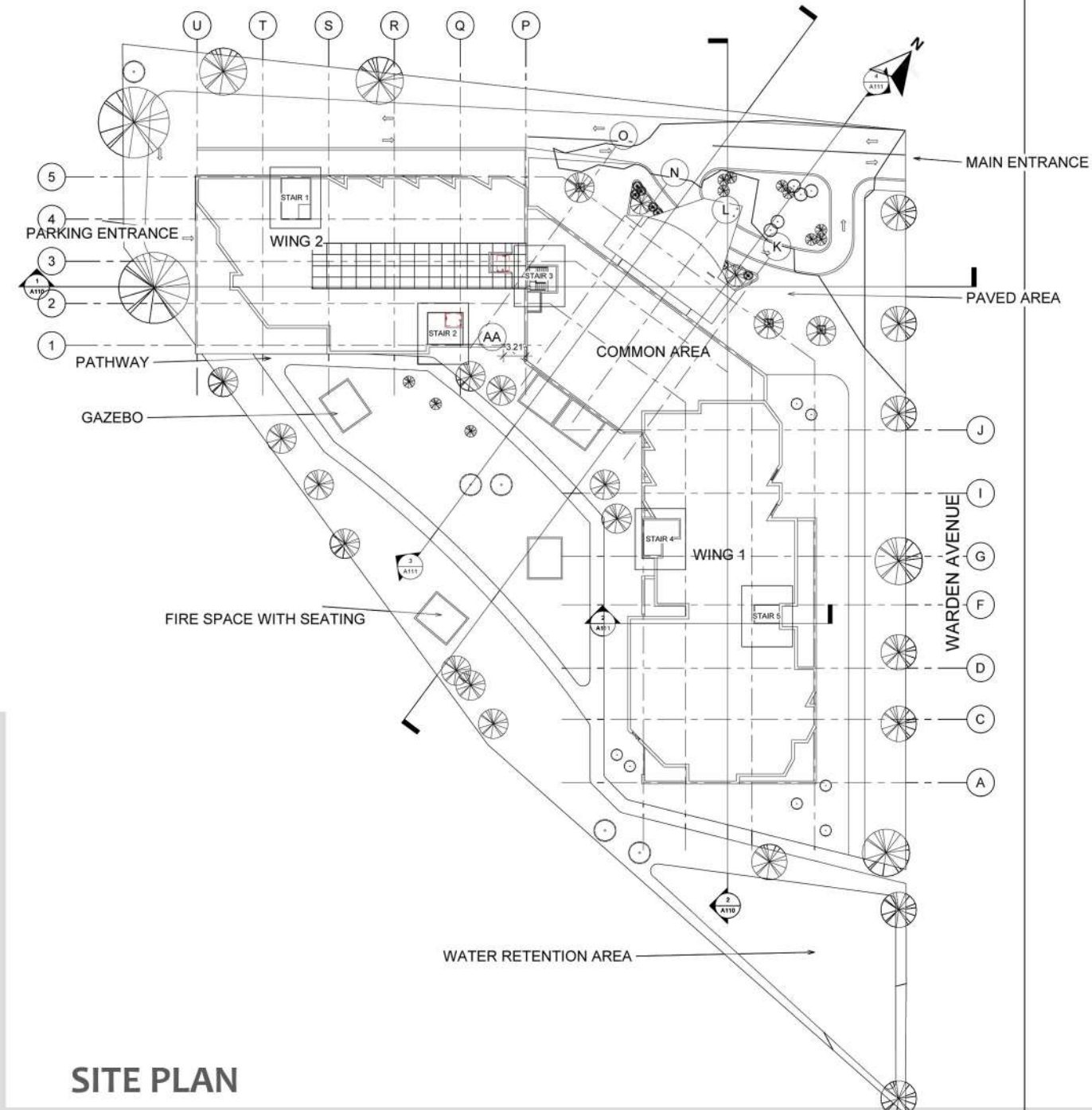


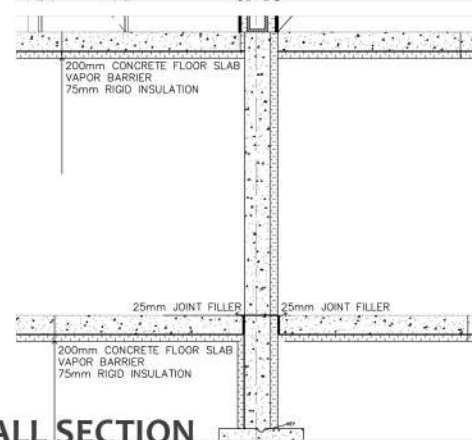
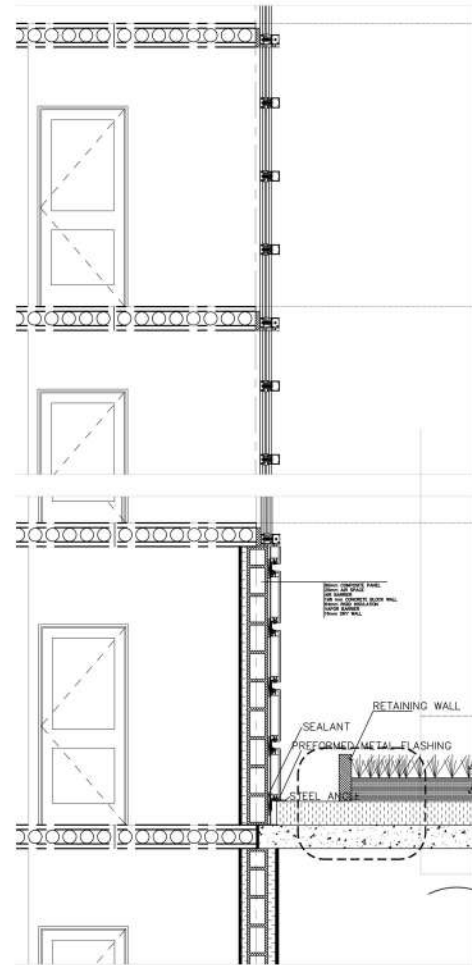
Eco-Home
Interior Spaces



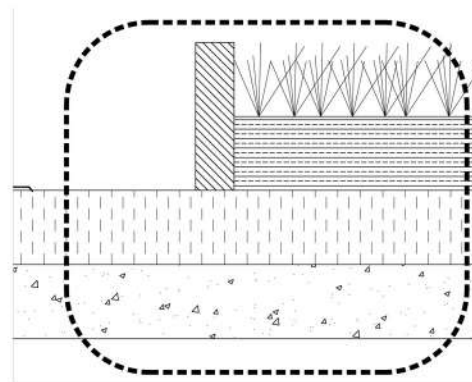
SENIOR HOUSING

The seniors housing project mainly reflects “Design for Aging”, developing a place which makes seniors life worth living. It is designed under four basic principles, Physical (preventing their fear of falling), Psychological (quiet and calm areas, interacting with nature), Social (spaces creating sense of belongingness), Cognitive (Targeting on giving them new purpose of life). Ultimately, providing comfort, safety and security with accessibility as prime feature.



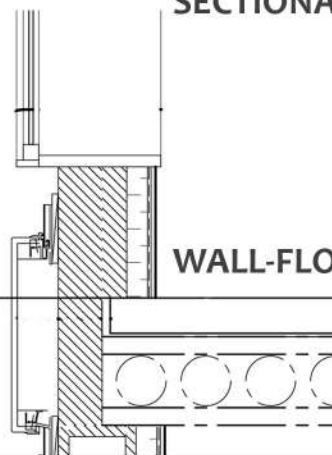


WALL SECTION

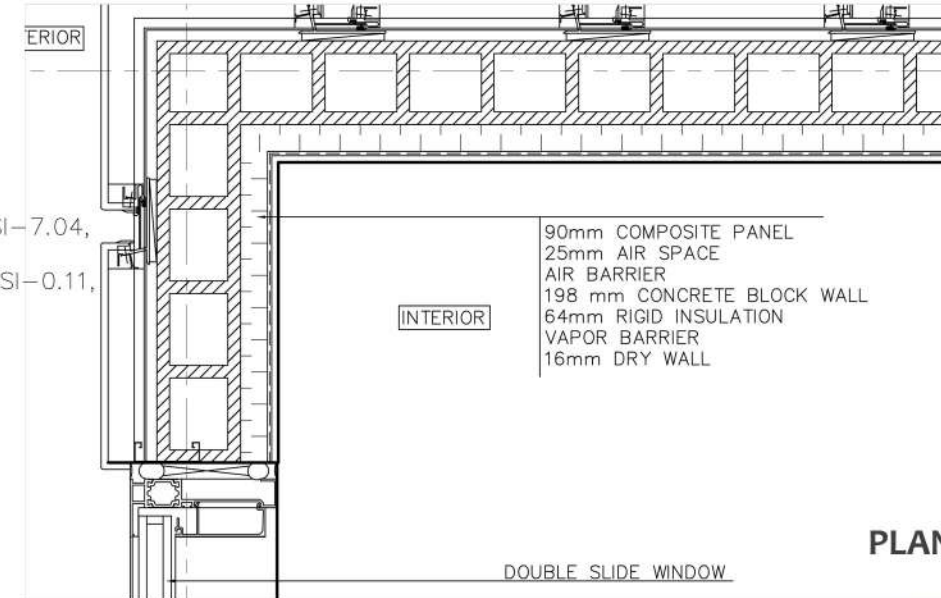


VEGETATION
.SOPRAFOR GROWING MEDIUM
AQUAMAT JARDIN
SOPRADRAIN
CAP SHEET MEMBRANE
200mm RIGID INSULATION RSI=7.04,
Uvalue=0.02
13mm PROTECTION BOARD RSI=0.11,
Uvalue=1.61
Concrete Block

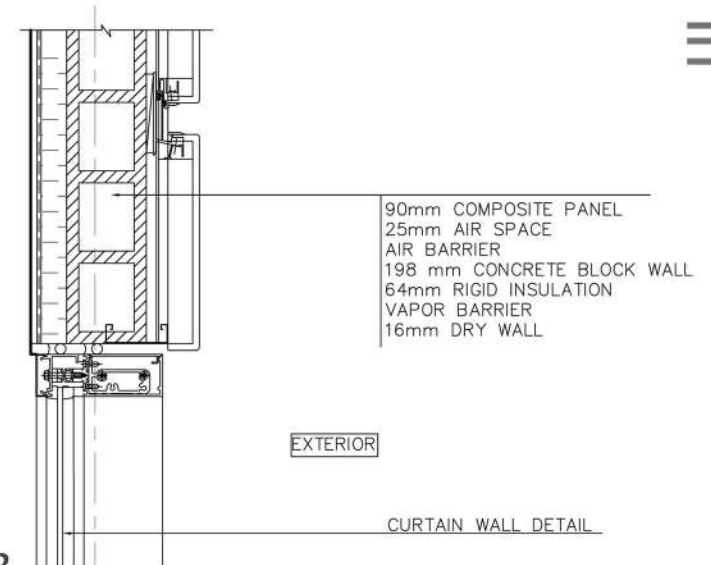
SECTIONAL DETAIL WITH GREEN ROOF



WALL-FLOOR DETAIL

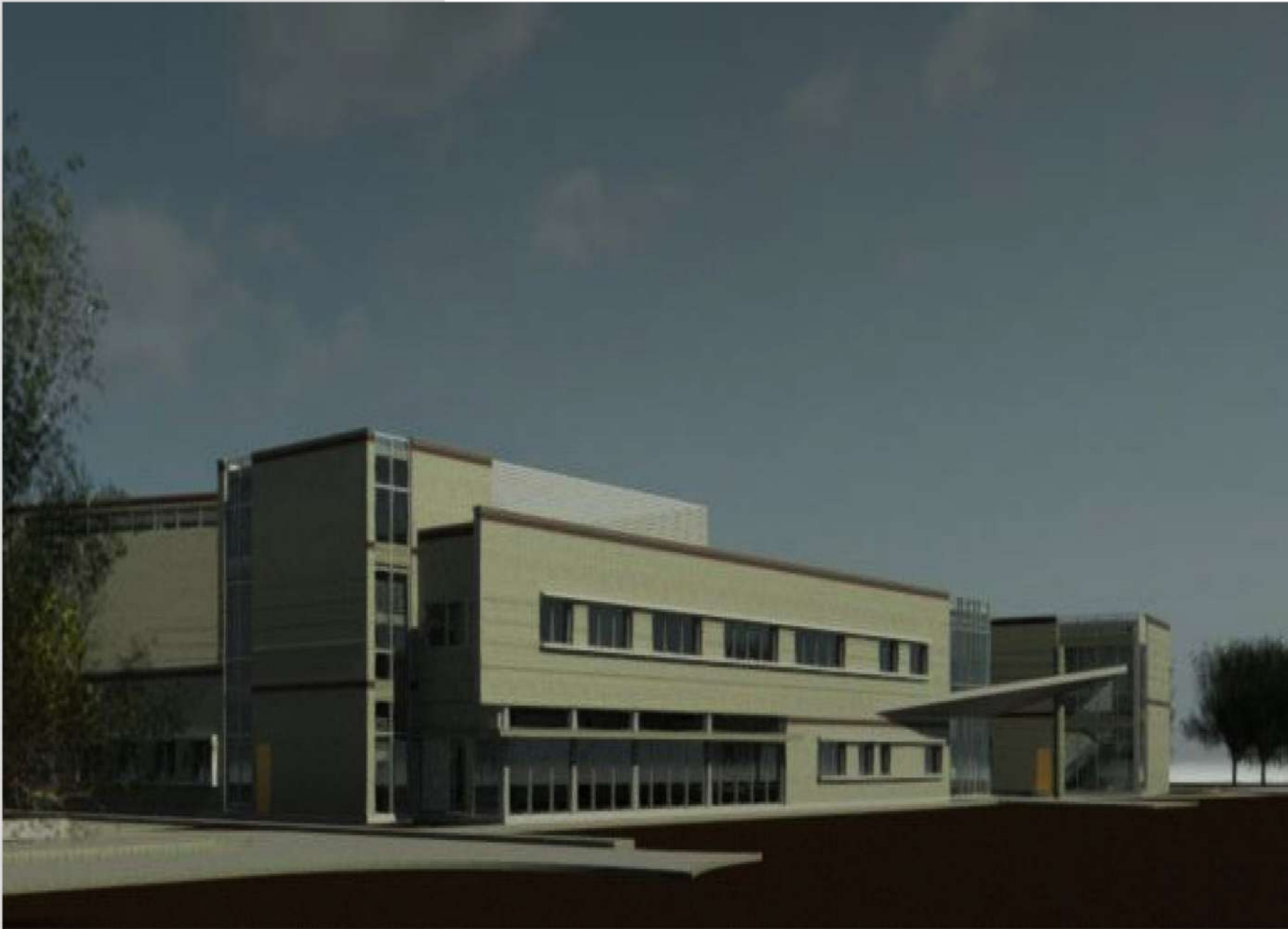


PLAN DETAIL 1



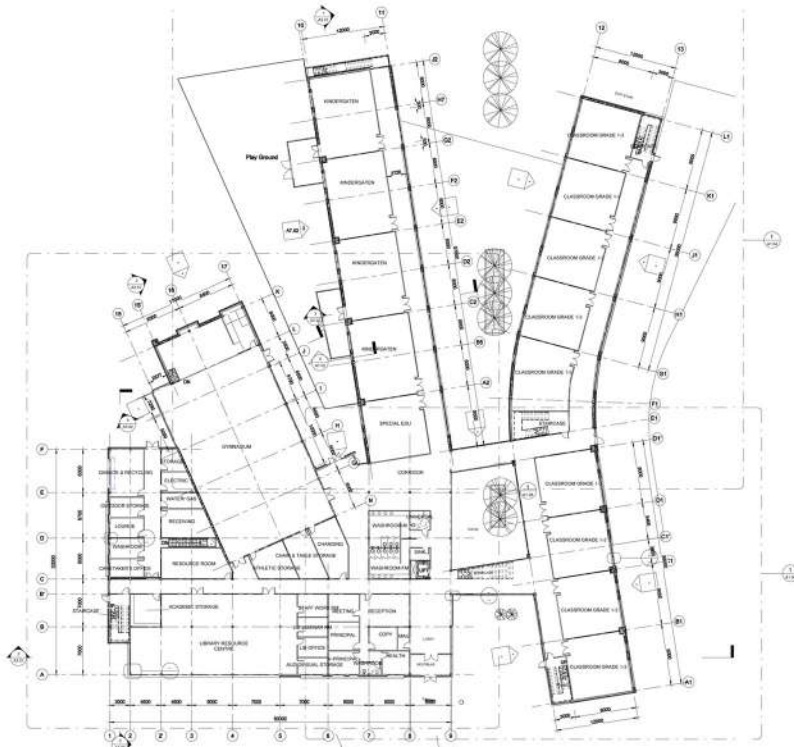
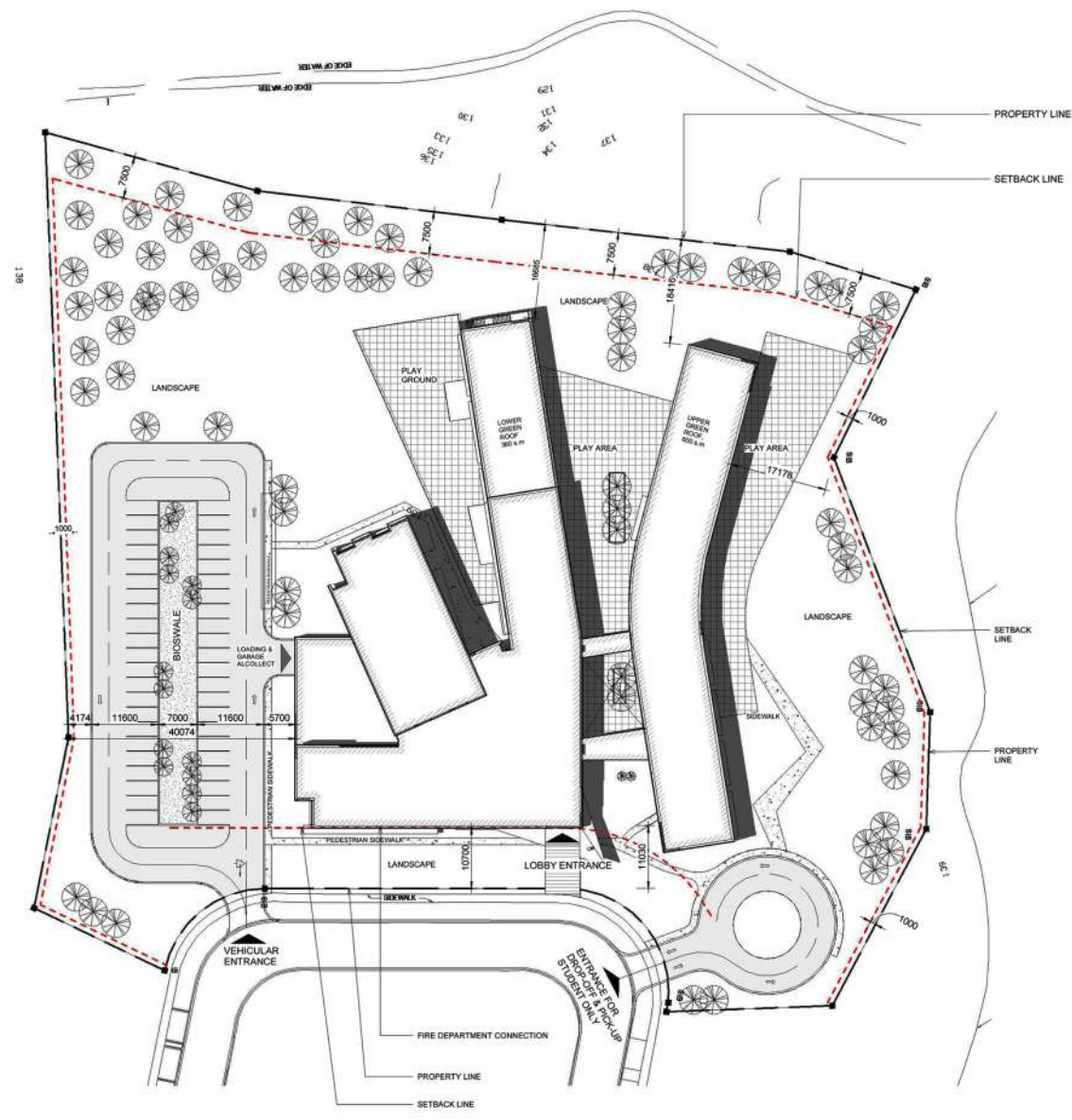
PLAN DETAIL 2



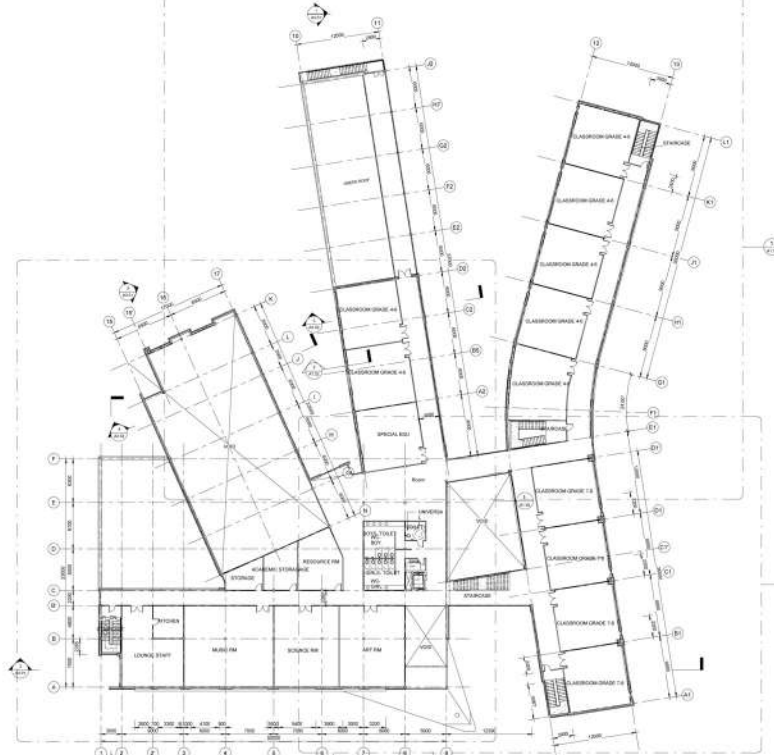


ELEMENTARY SCHOOL

The design is majorly intended to focus on sustainable aspects, eventually promoting healthy and high performance learning environment for students and faculties. Developed on spine typology, the design majorly focuses on maximum daylight gain. You enter into an atrium, forming direct axis with the corridor leading to kindergarten. The corridor divides the building in two blocks one with classrooms, whereas other with administrative units and common amenities.



GROUND FLOOR PLAN

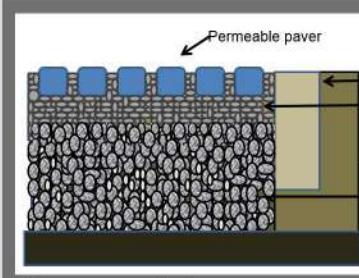


FIRST FLOOR PLAN

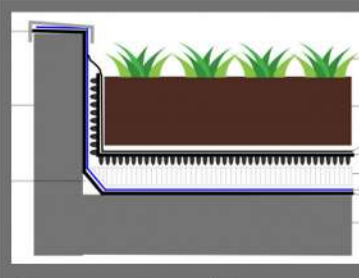
SUSTAINABLE FEATURES



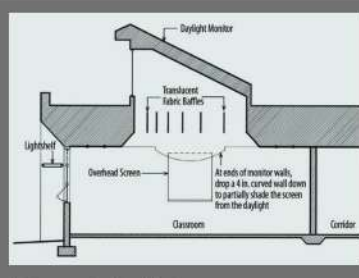
Promoting
Habitat Protection



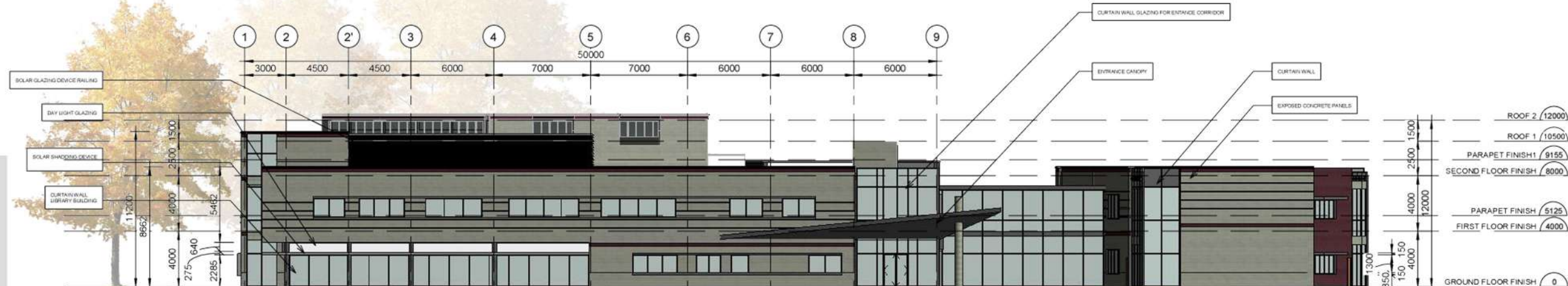
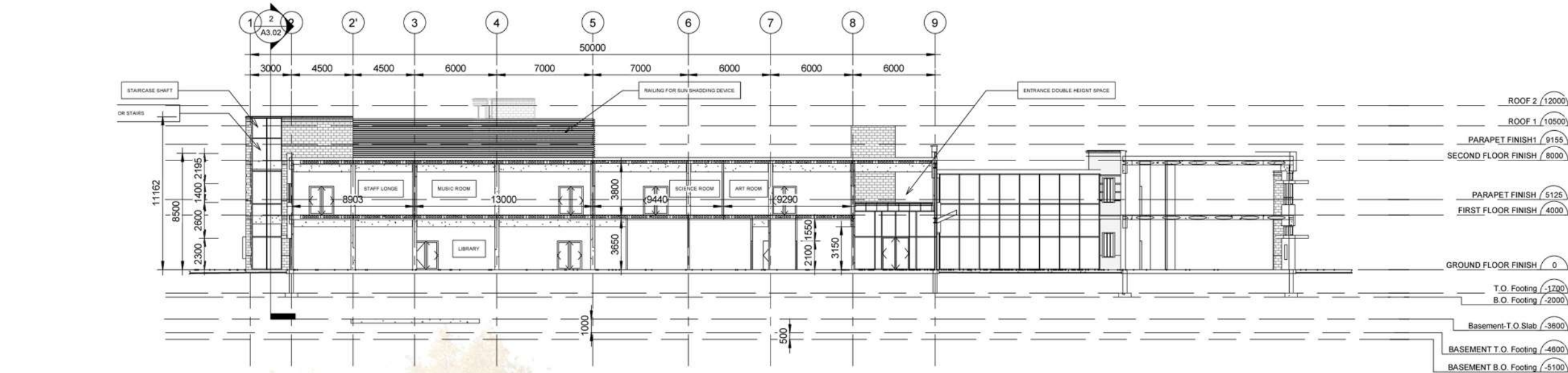
Permeable
Surfaces



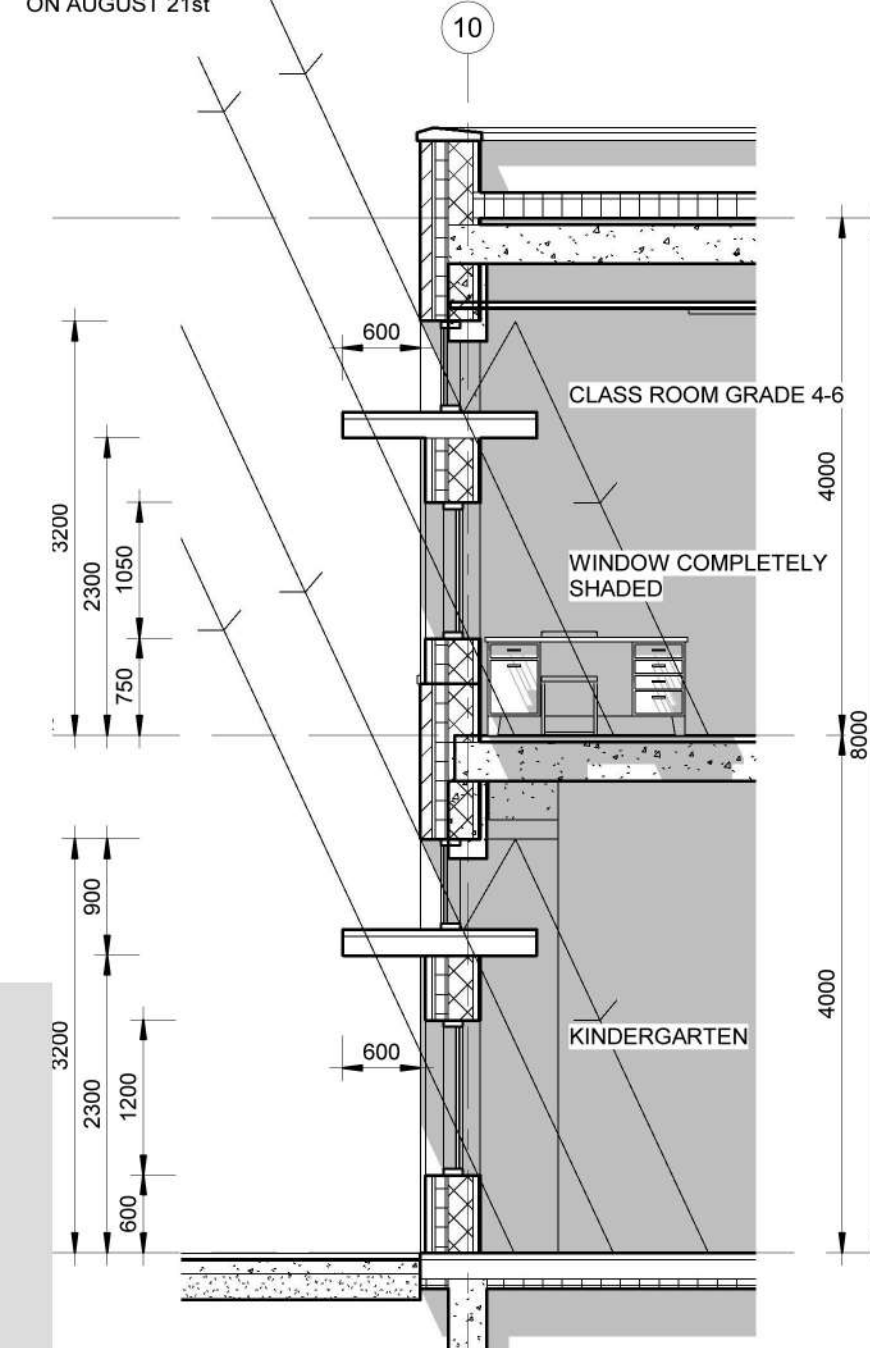
Green Roofing

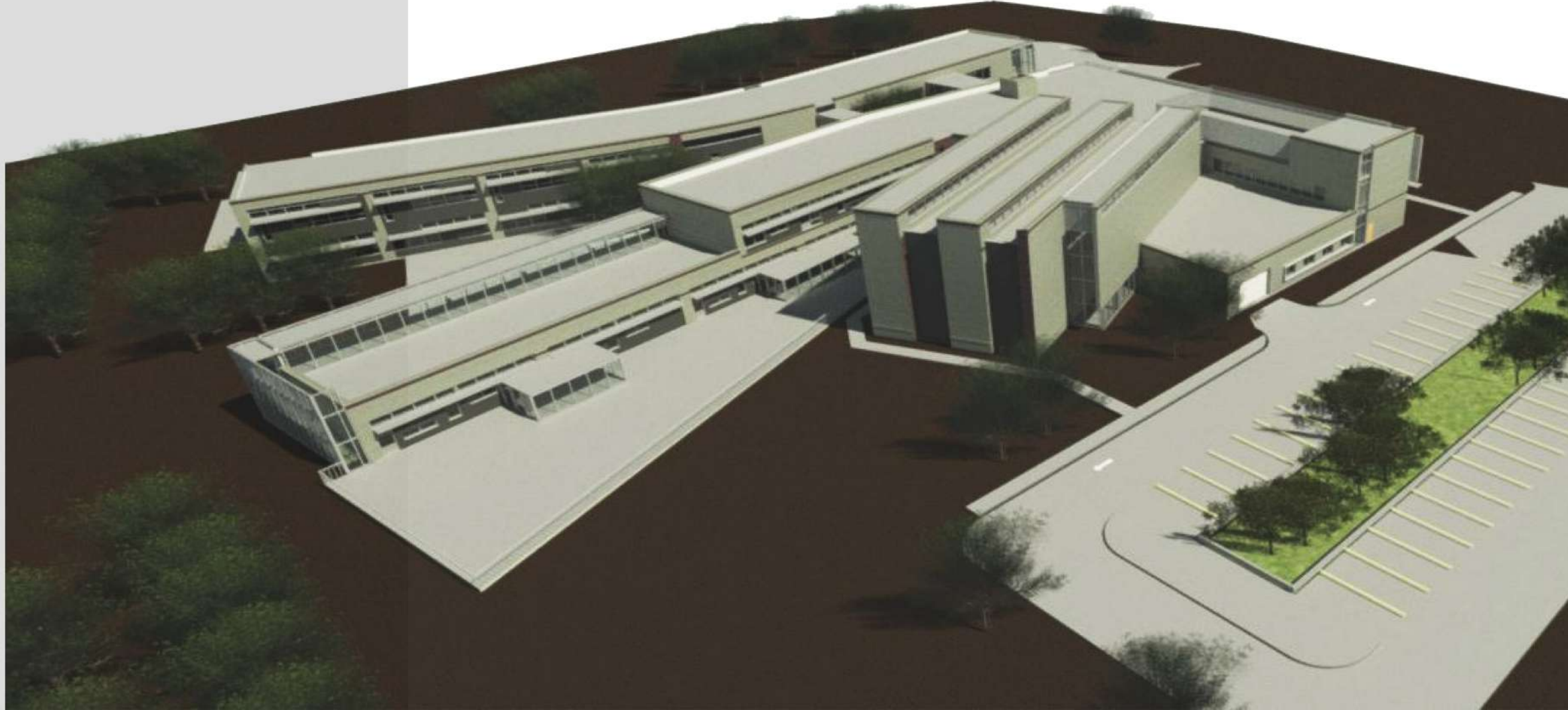


Day Light
Strategies



SUN LIGHT AT 12PM
ON AUGUST 21st

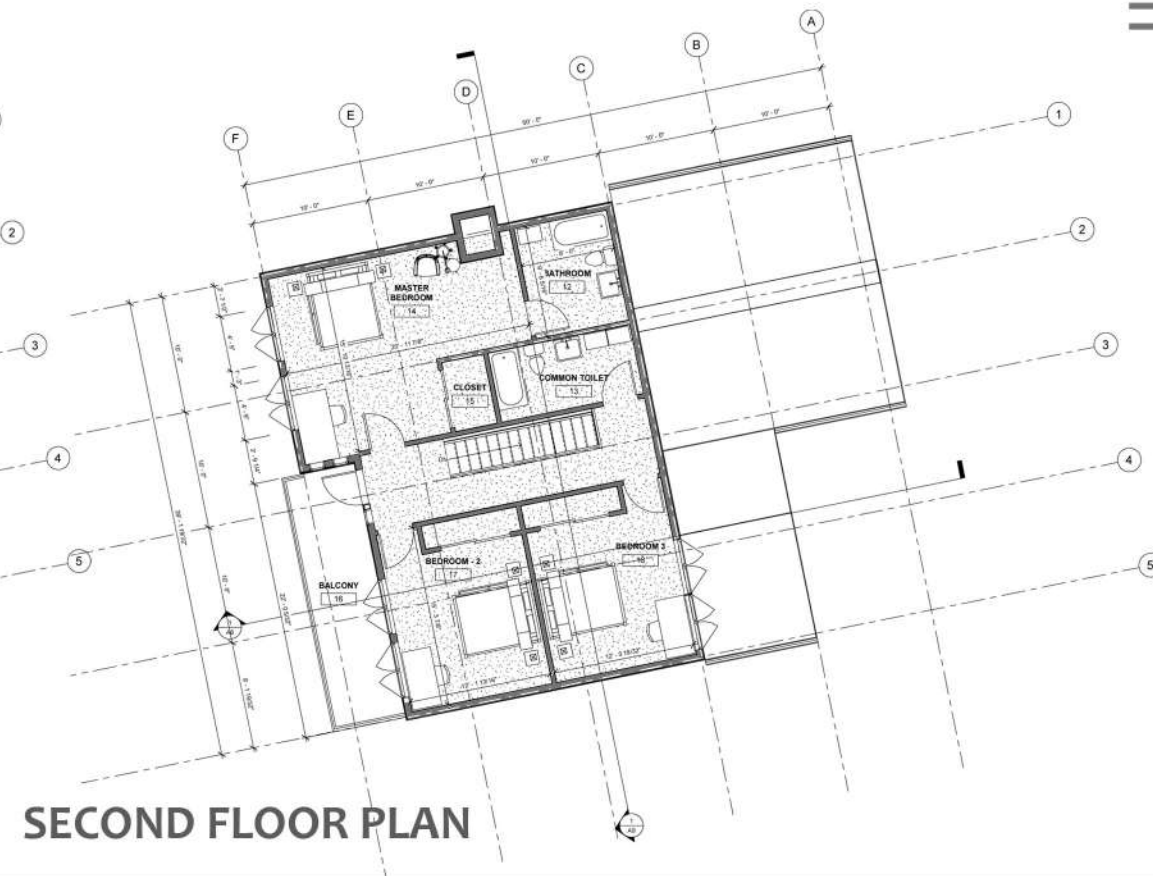
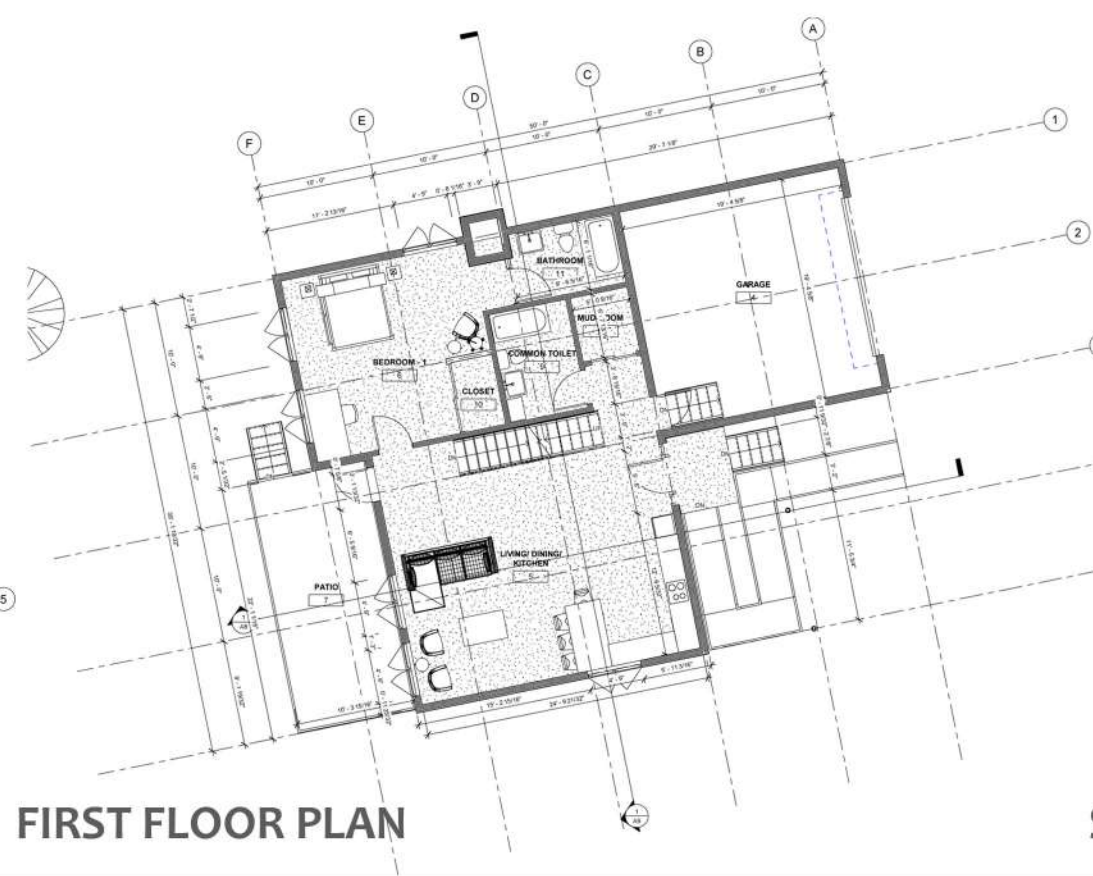
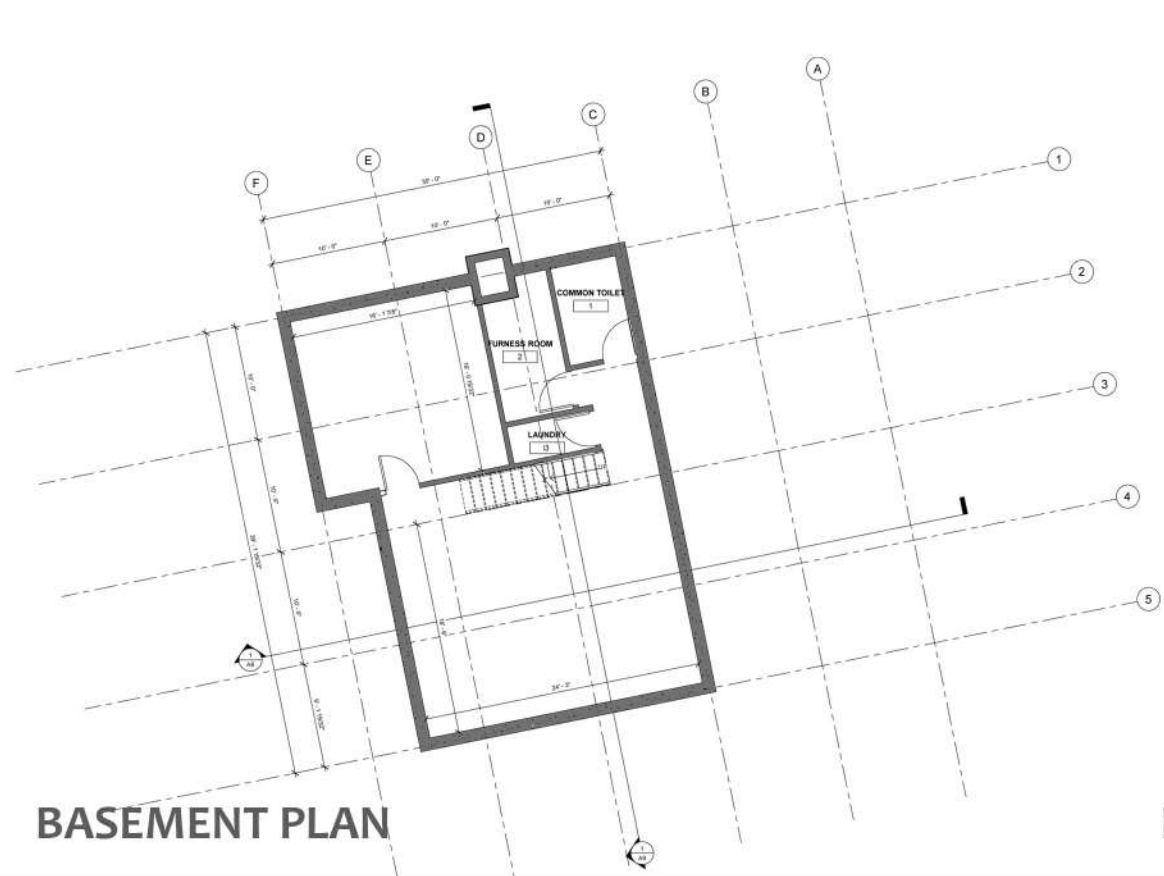






DETACHED HOUSE

Designed for single family residents. This detached house has basic open plan on first floor level, with bedrooms on second floor and luxurious amenities in basement. As soon as you enter the open kitchen, the space is followed by living spaces opening to the patio in backyard. With straight flight wooden textured stairs connecting levels above and beneath. It is designed on Eco-Home concept, with strategies to improve human health and surrounding environment.



ECO-HOME STRATEGIES

Ref: Edelweiss House



Cellulose Rigid
Foam Insulation



Triple Glazed
Windows



Cellulose Rigid
Foam Insulation



Synthetic Gypsum
Drywall



Cork
Flooring



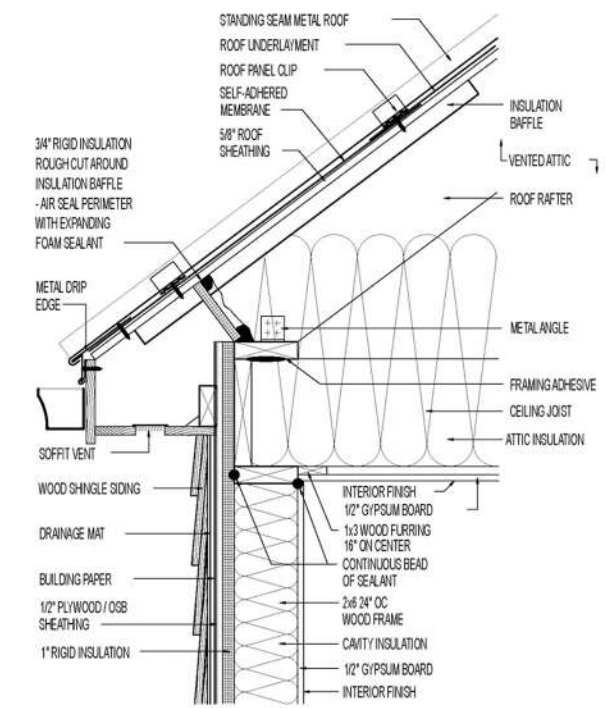
Reclaimed
Wood Ceiling

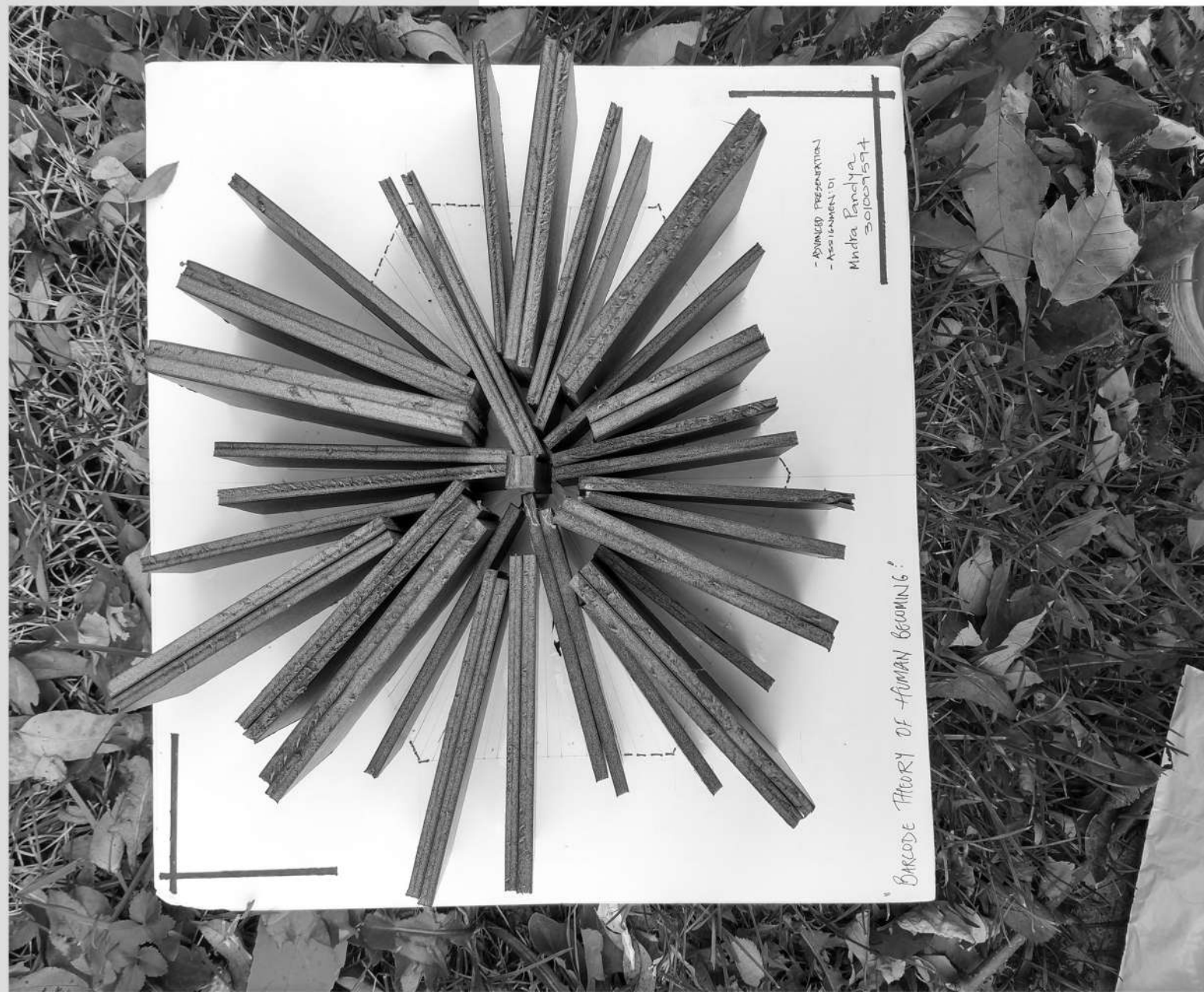


Silestone Quartz
Countertop



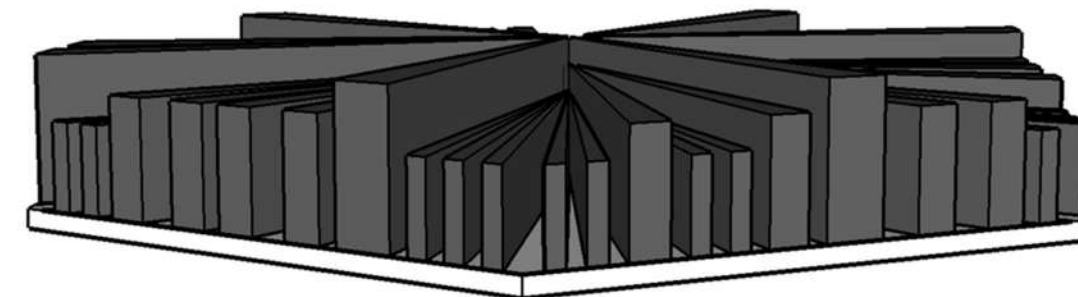
Low-Flow
Plumbing Fixtures





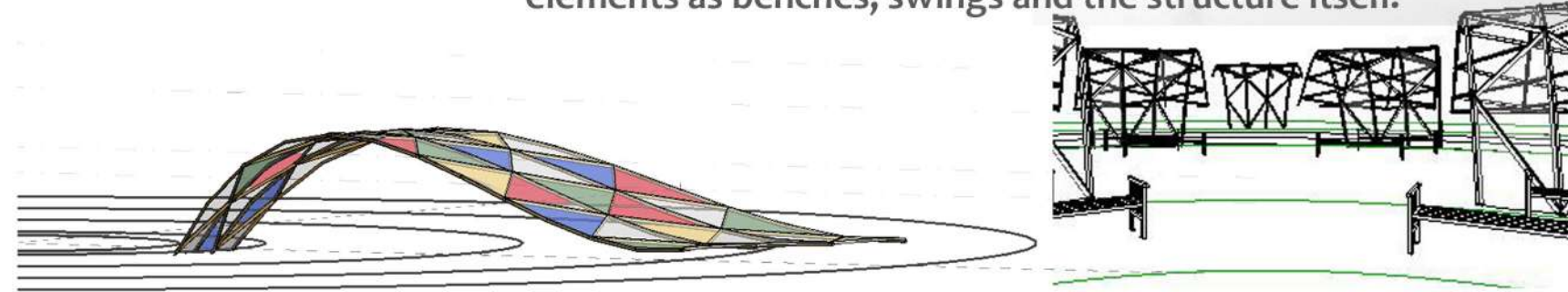
PAVILION DESIGN

The pavilion design is developed from an abstract sculpture evolved from a theoretical study of, “Barcode Theory Of Human Becoming”. Where, each bar represents growth from discomfort, unfamiliarity or change experienced. So, just like a DNA, each person have their own unique barcode. Eventually indicating that, origin is same but how thoughts, ideas and perception changes a person. And that forms boundary within ourselves.





An open structured pavilion, is a wooden framed structure covered with tinted glass forming dramatic shadows on a sunny day. It is designed with a defined geometry having tree as a center point representing horizontality. The intended function is to use as a mini park or hangout spot with some elements as benches, swings and the structure itself.





PHOTOGRAPHY

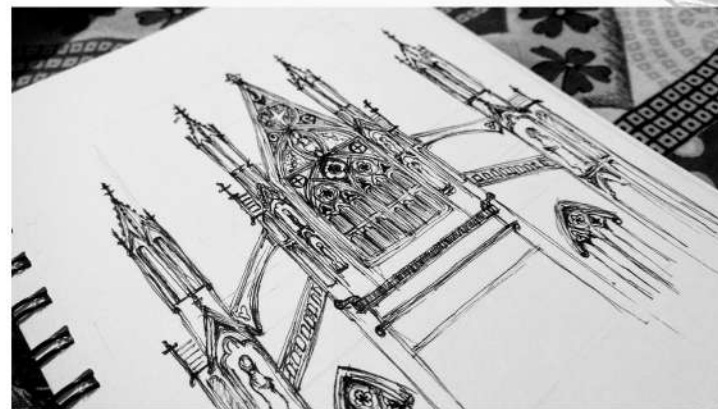
It's about balance, geometry and composition. Buildings are dynamic structures, which either emphasis on horizontality or verticality. And capturing those structures is to distill that philosophy, design and nature in one single frame.





SKETCHING

Communicator of one's thoughts and ideas
Sketching historical buildings, details and nature, allows us to register all the structural, ornamental details and scale of a particular object accurately. It helps you observe those minute details, which one is intended to miss at first glance.





THANK YOU