



# PORTFOLIO

MUDRA PANDYA  
LEED Green Associate





**MUDRA PANDYA**



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.

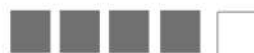
Jul 2012 - Jul 2017

## 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

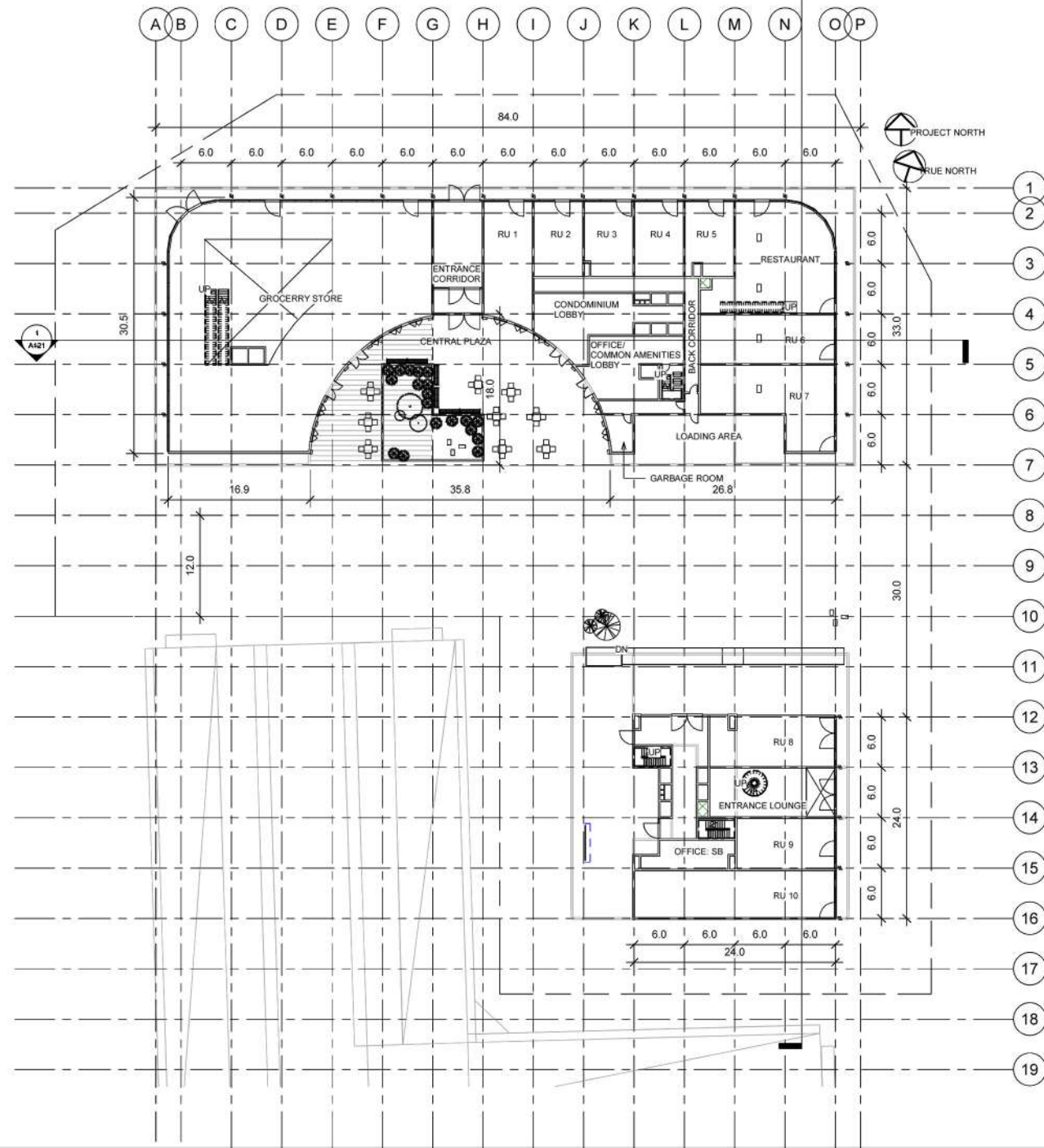




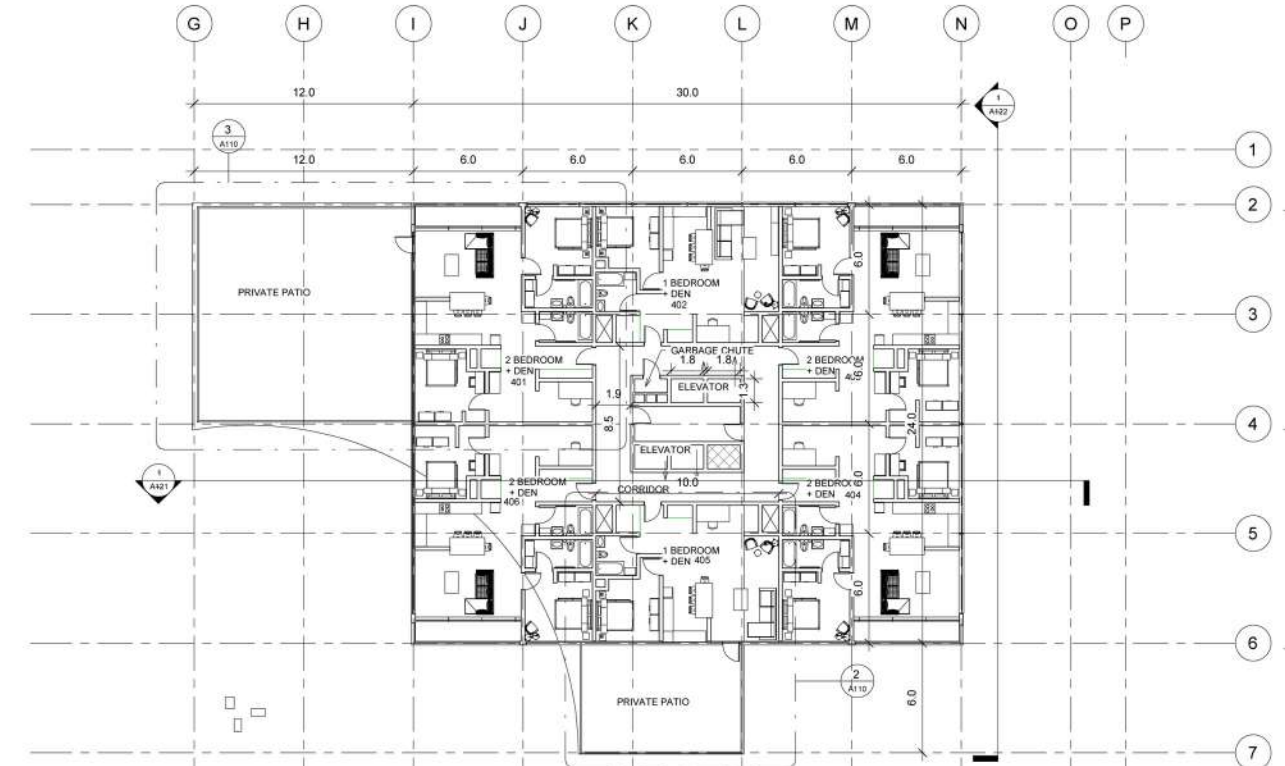
## “VERTICAL URBANITY”

“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.

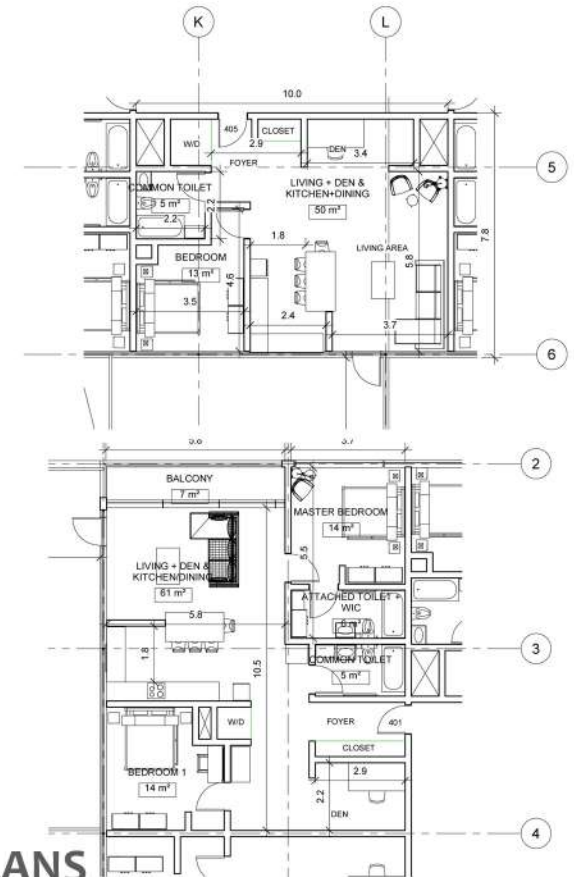
The massing is developed based on the ‘Tall Building Guidelines’, and upcoming condominiums around the site, which targets to achieve better indoor air quality in order to protect the environment.



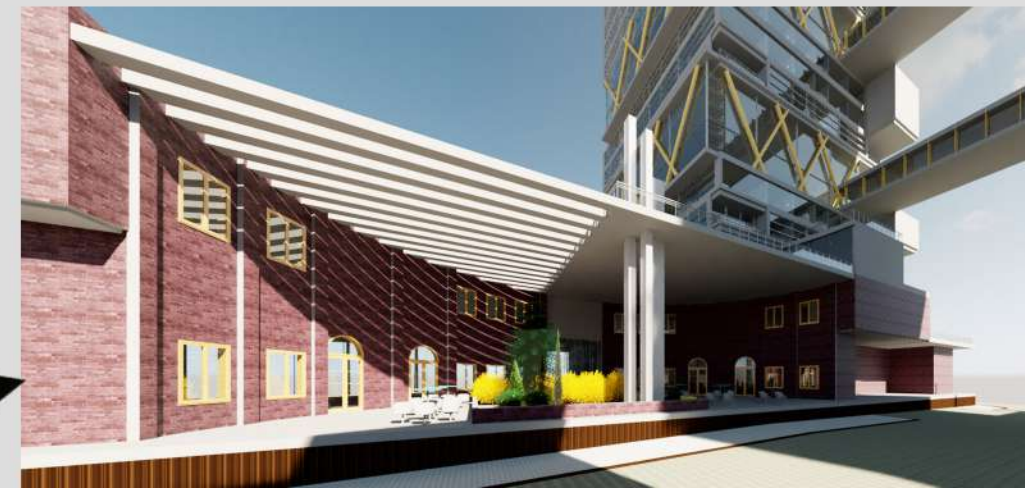
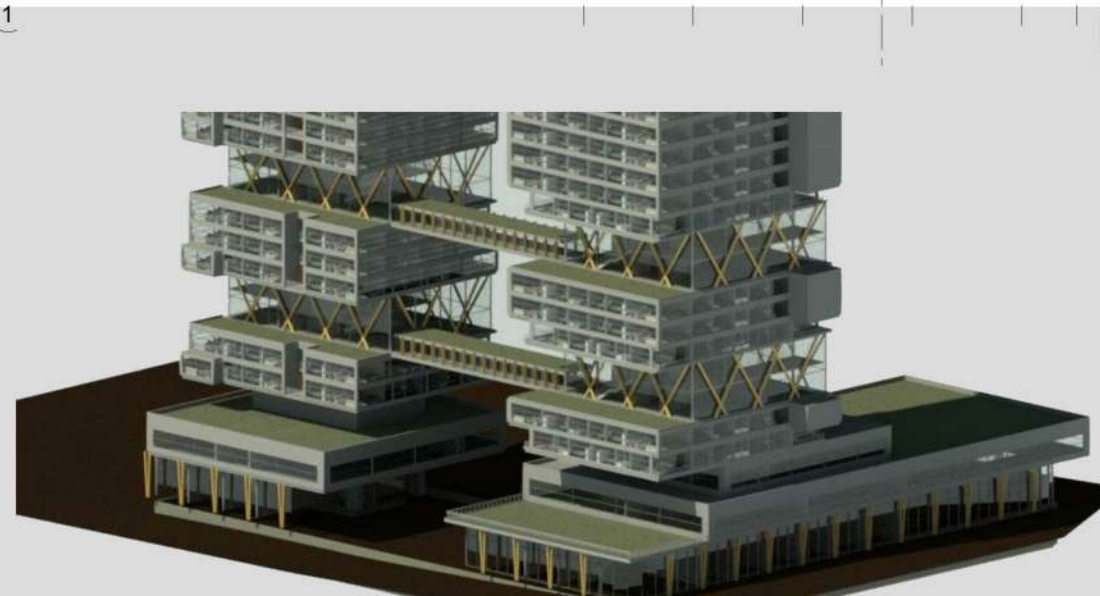
1 PODIUM LEVEL 1  
1:300



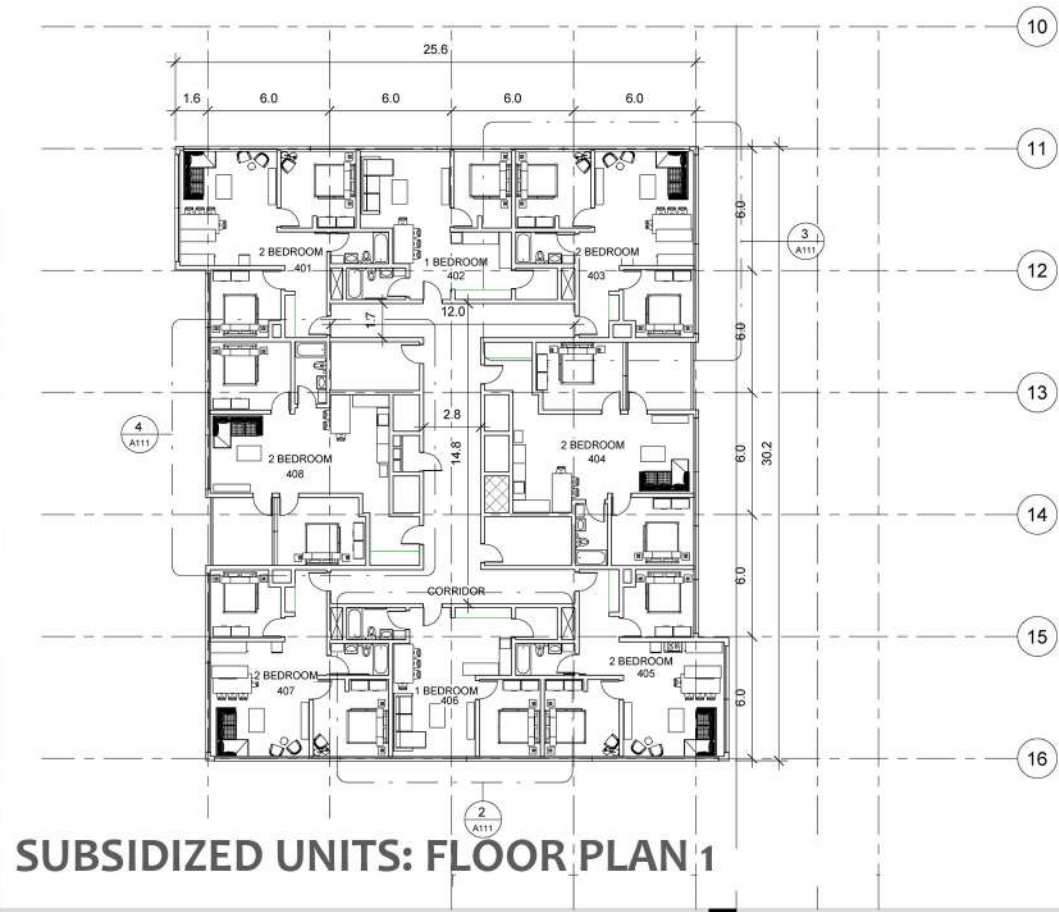
CONDOMINIUM UNITS - FLOOR PLAN 1



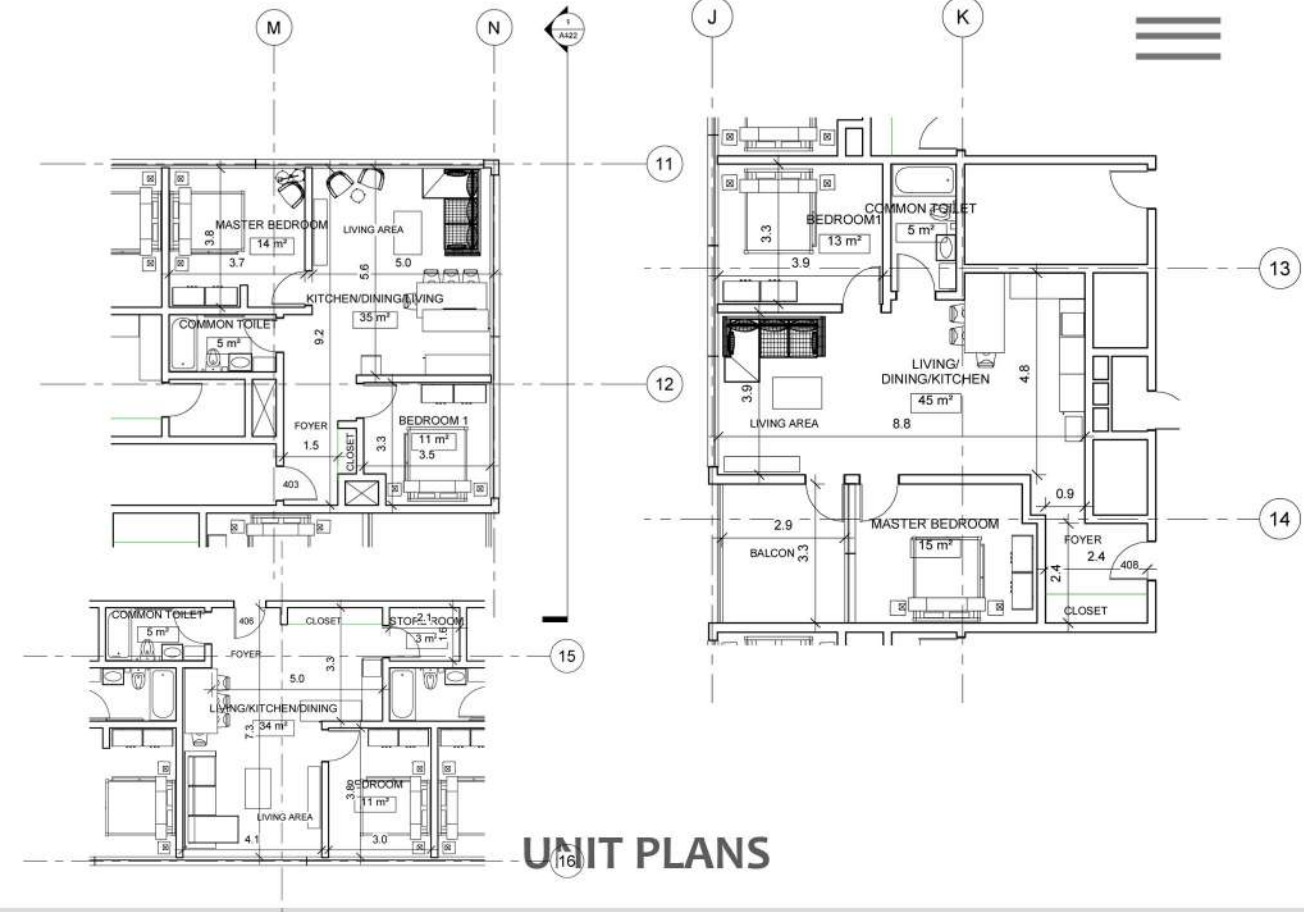
UNIT PLANS







SUBSIDIZED UNITS: FLOOR PLAN 1



UNIT PLANS

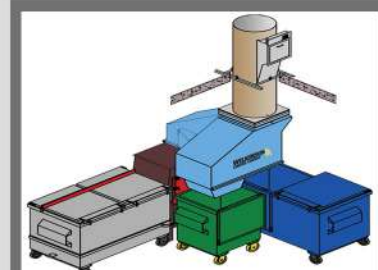
## SUSTAINABLE FEATURES



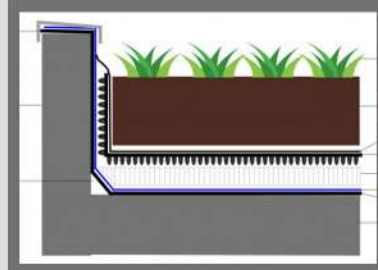
Electric Car  
Parking Stations



Promoting  
Habitat Protection



Three Chute  
Garbage System



Green Roofing



Eco-Home  
Interior Spaces



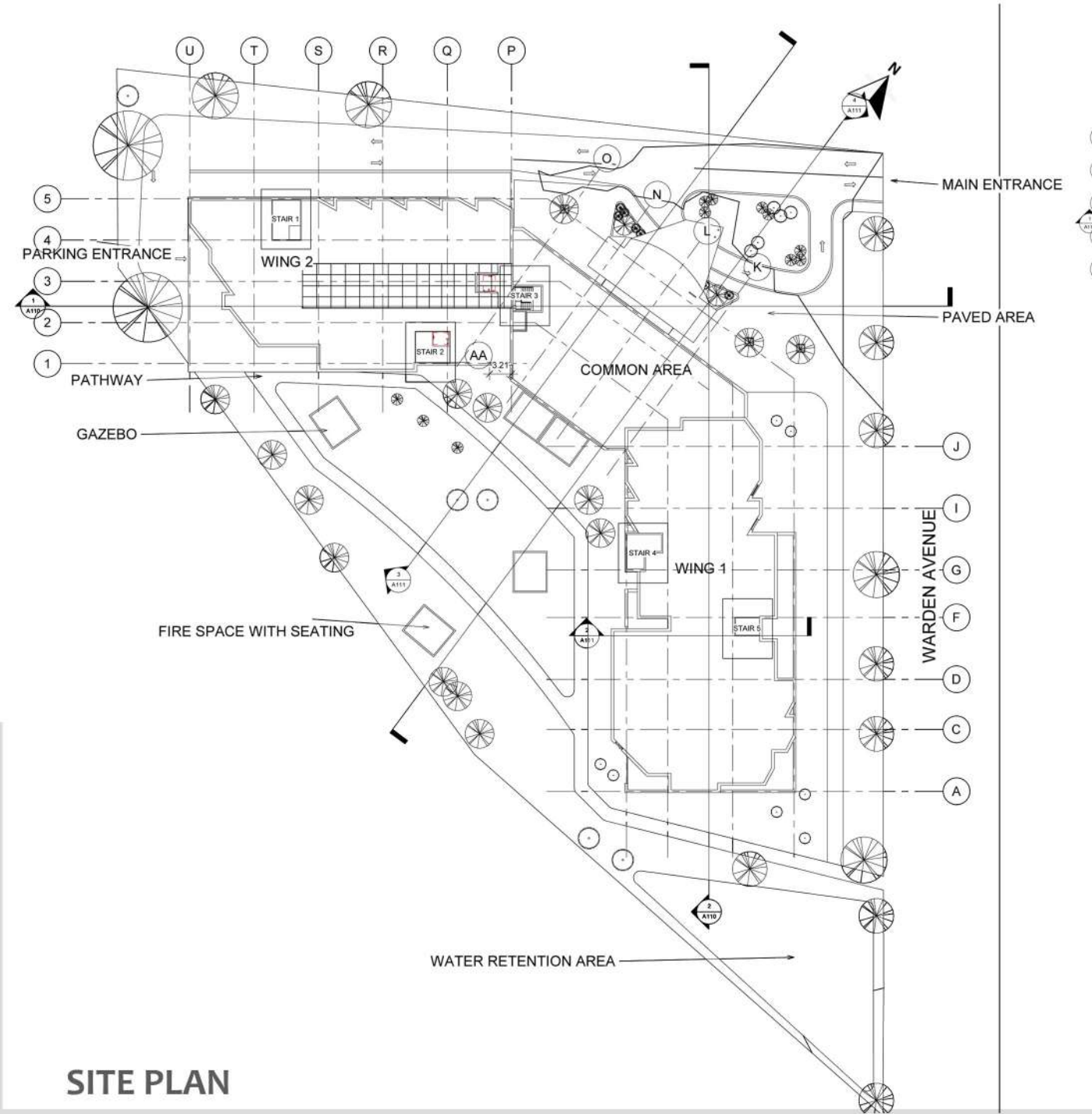


## SENIOR HOUSING

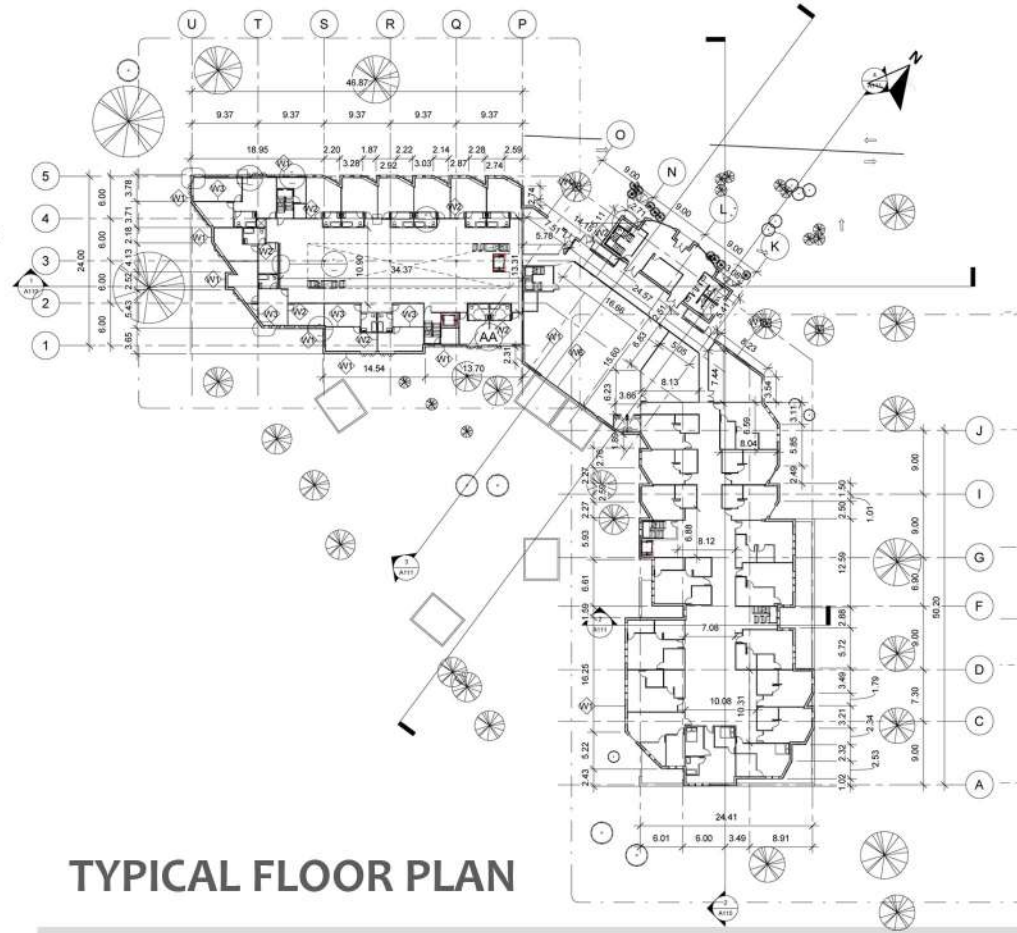
The seniors housing project mainly reflects “Design for Aging”, developing a place which makes seniors’ life worth living. It is designed under four basic principles, Physical (preventing their fear of falling), Psychological (quiet and calm areas, interacting with nature), Social (spaces creating sense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







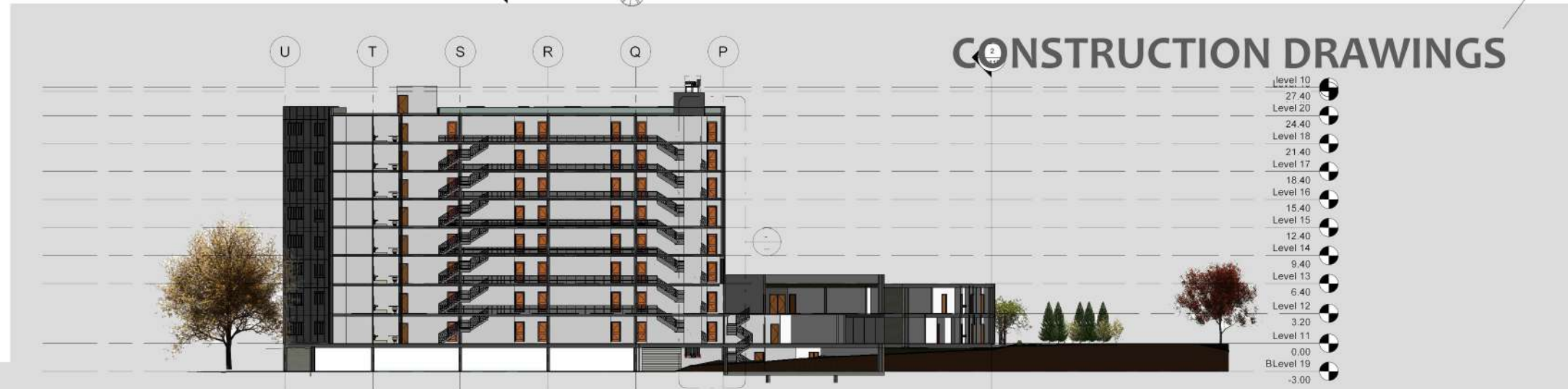
SITE PLAN



TYPICAL FLOOR PLAN

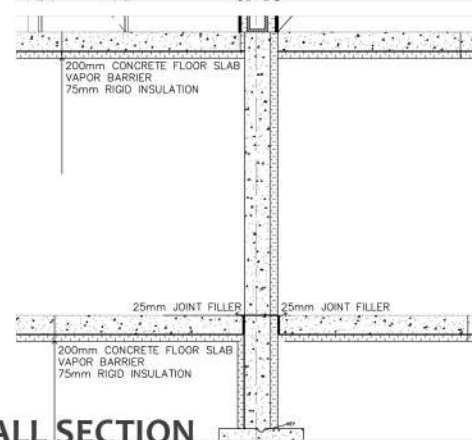
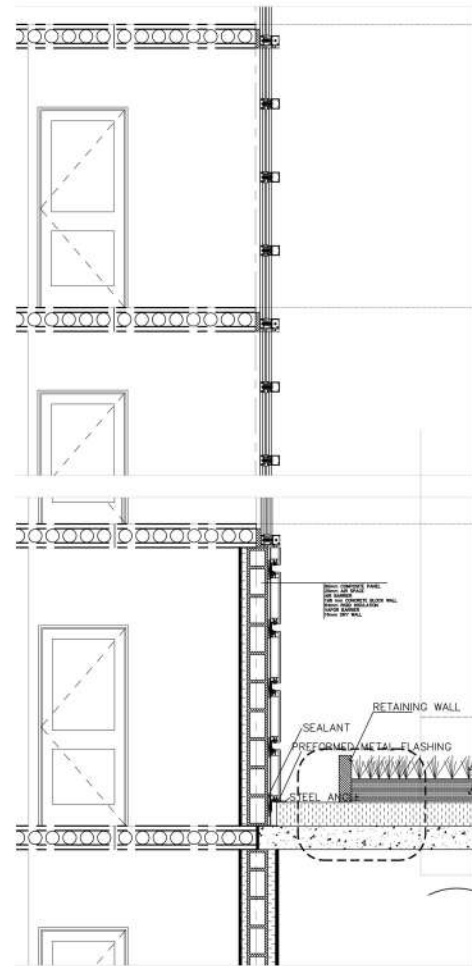


WING 1 DETAIL

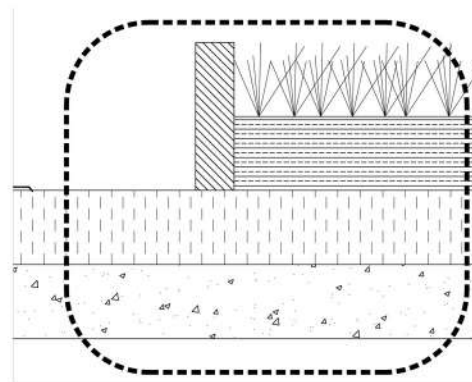


CONSTRUCTION DRAWINGS



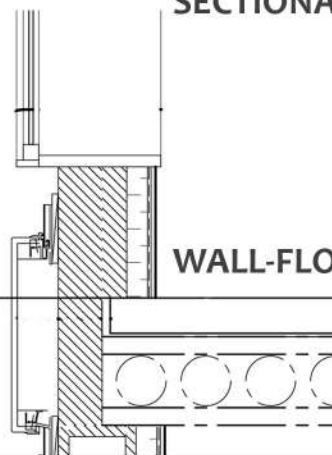


WALL SECTION

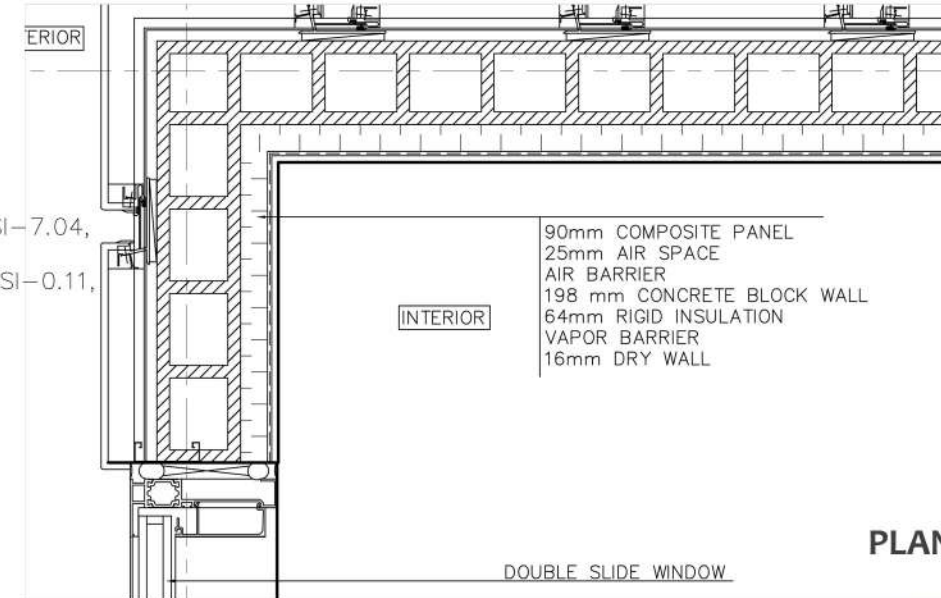


SECTIONAL DETAIL WITH GREEN ROOF

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

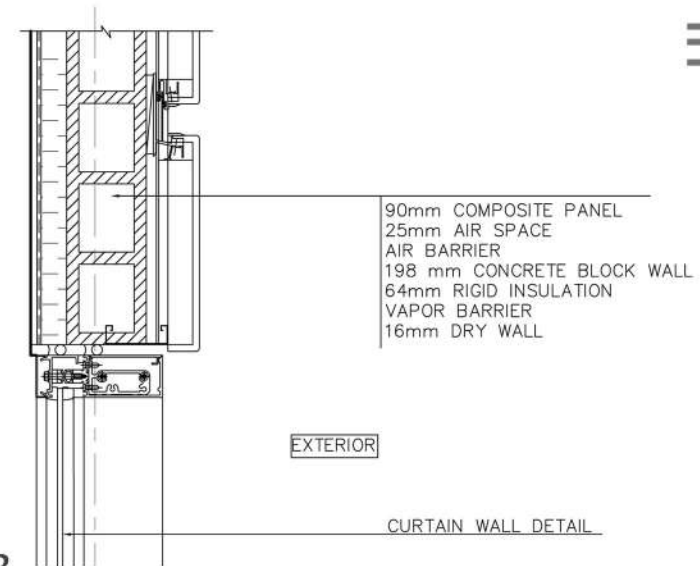


WALL-FLOOR DETAIL



PLAN DETAIL 1

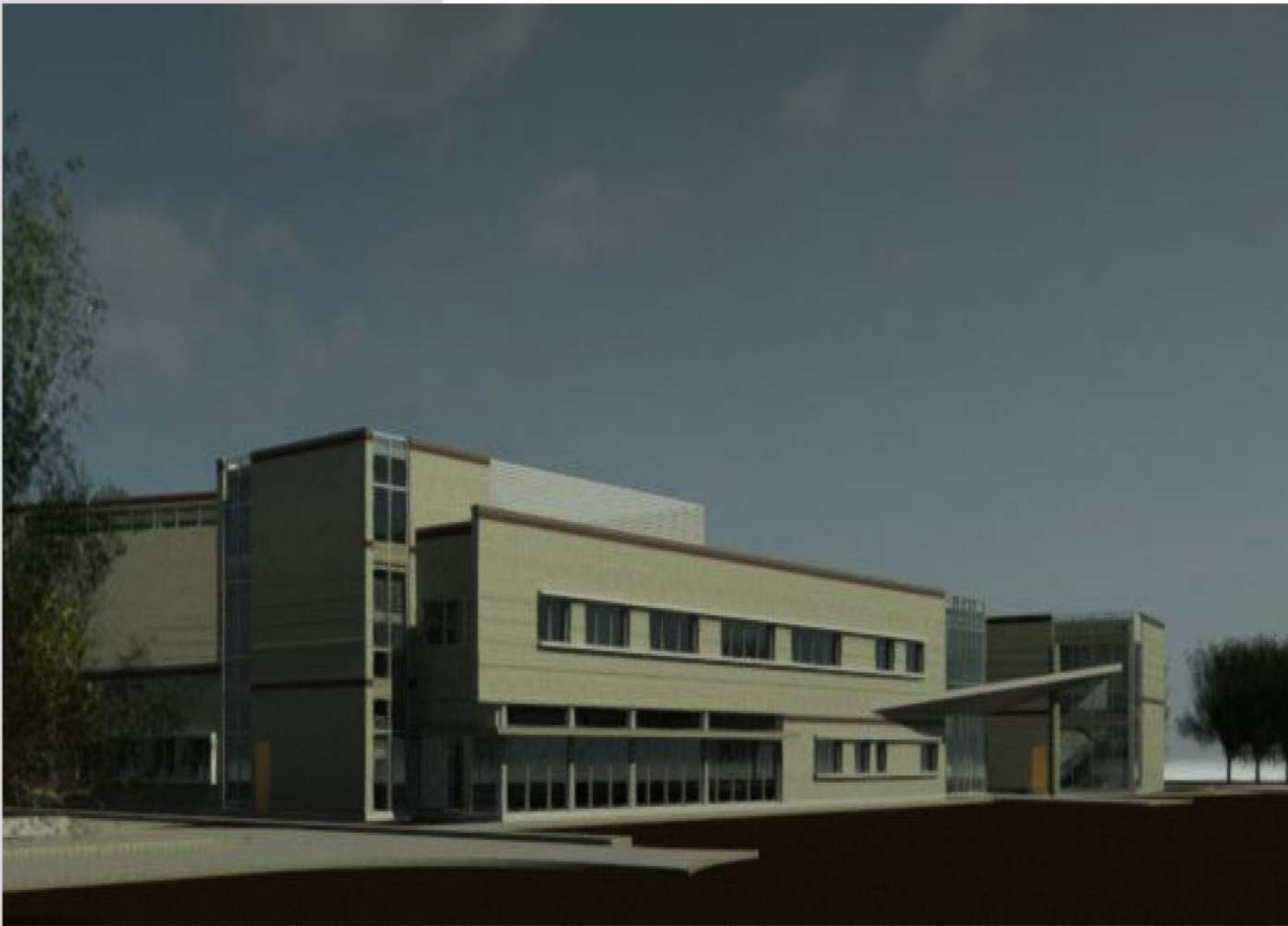
DOUBLE SLIDE WINDOW



PLAN DETAIL 2

CURTAIN WALL DETAIL





# 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. An entrance atrium forms a direct axis with the corridor leading to kindergarten. The main corridor divides the building in two blocks one with classrooms, whereas other with administrative units and common amenities.



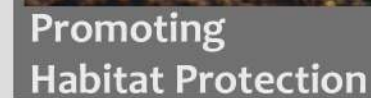


## FIRST FLOOR PLAN

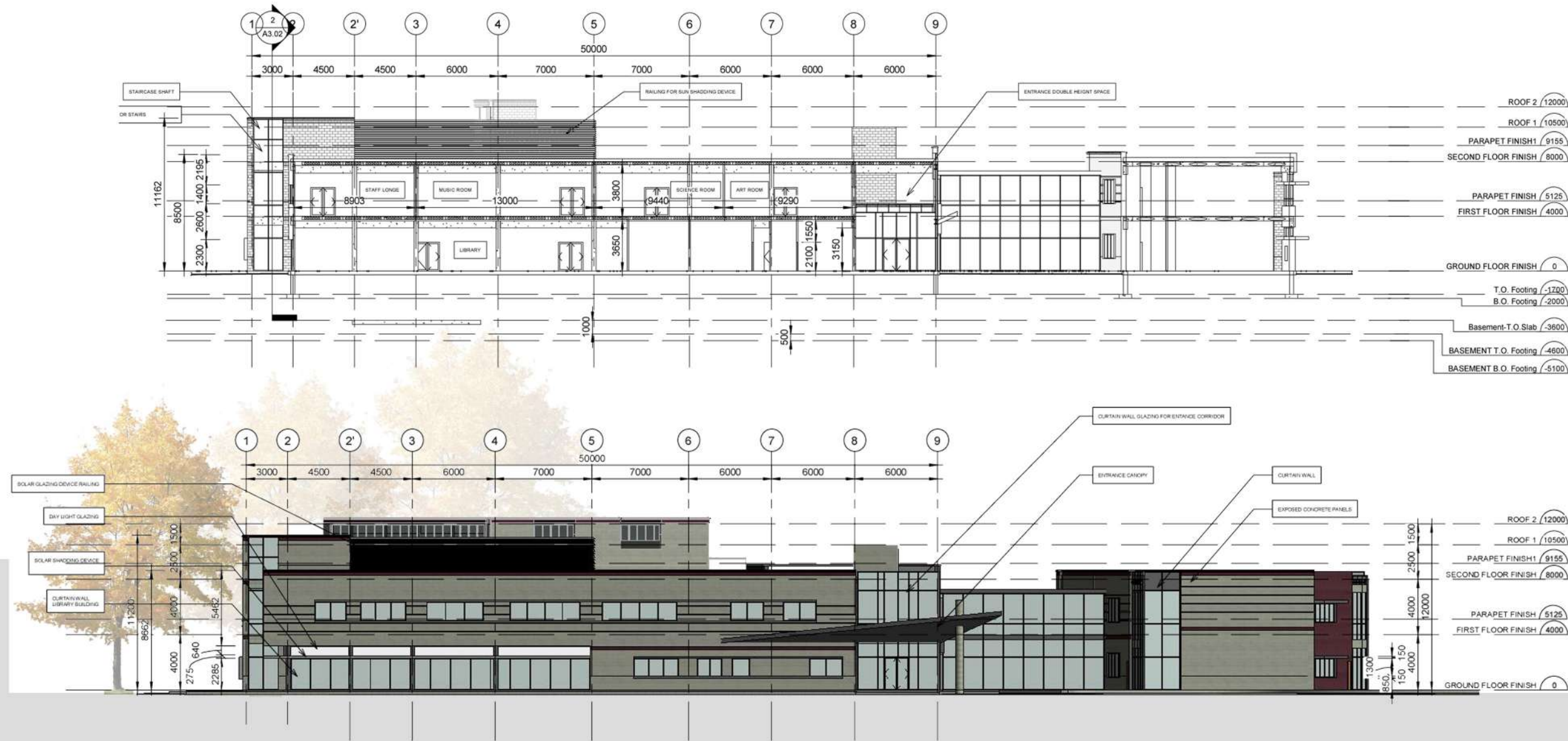
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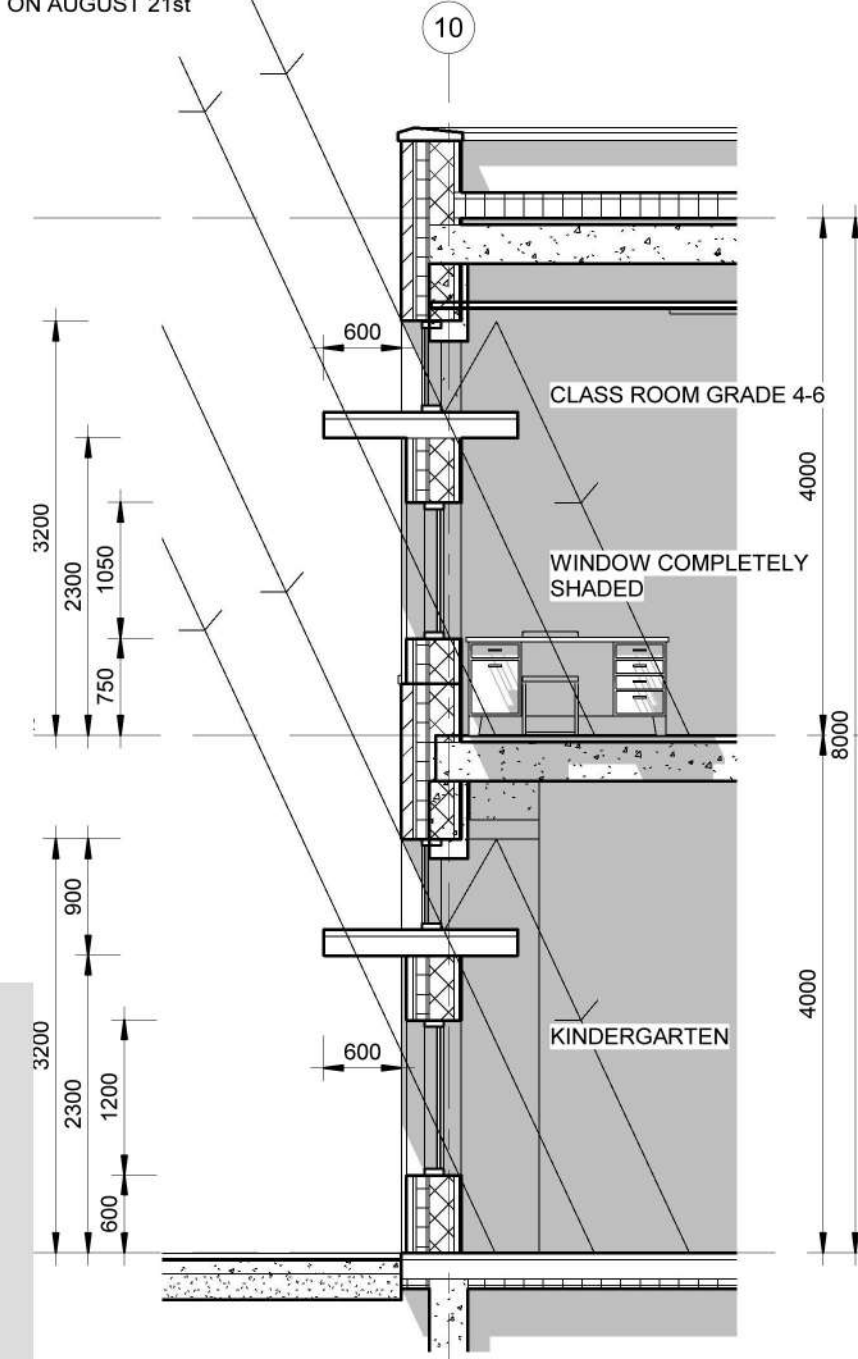
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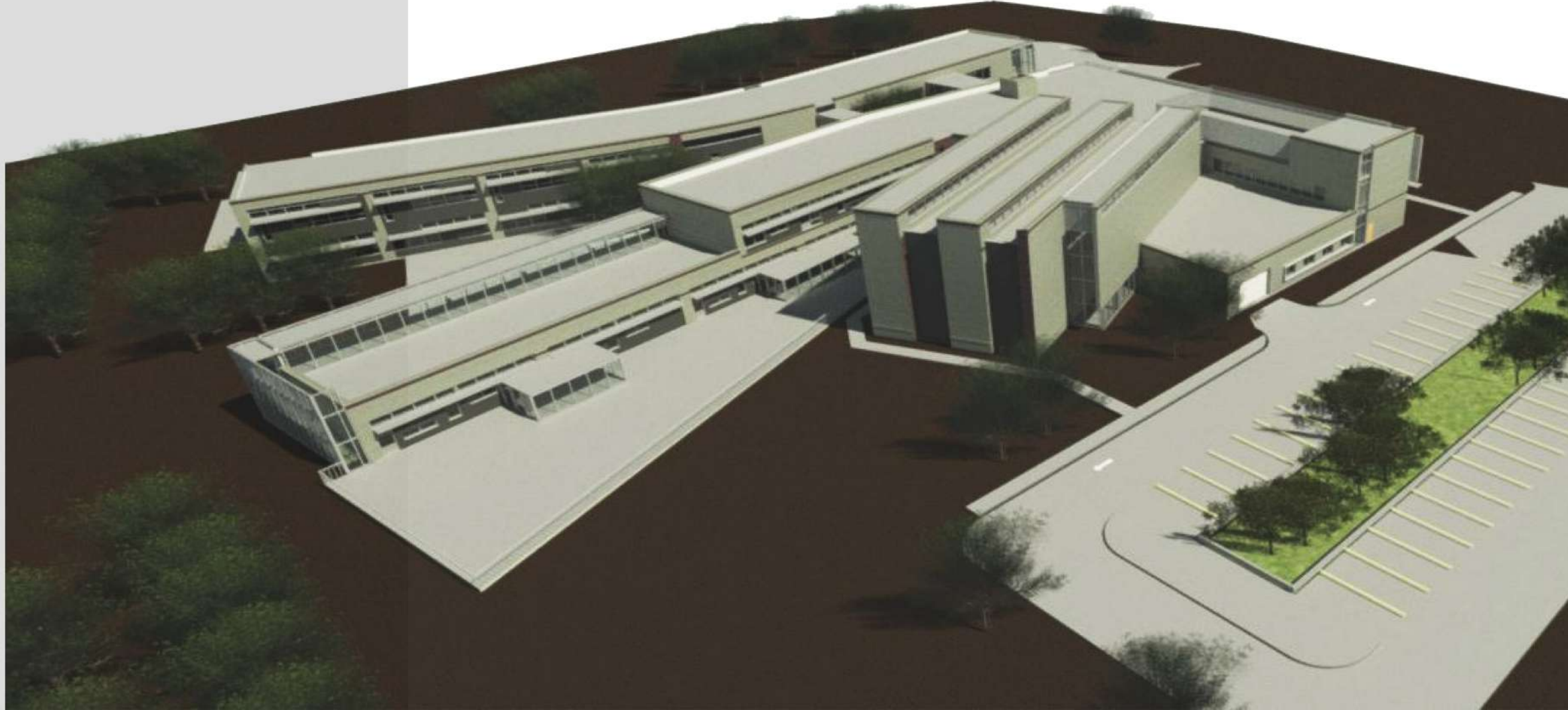




SUN LIGHT AT 12PM  
ON AUGUST 21st





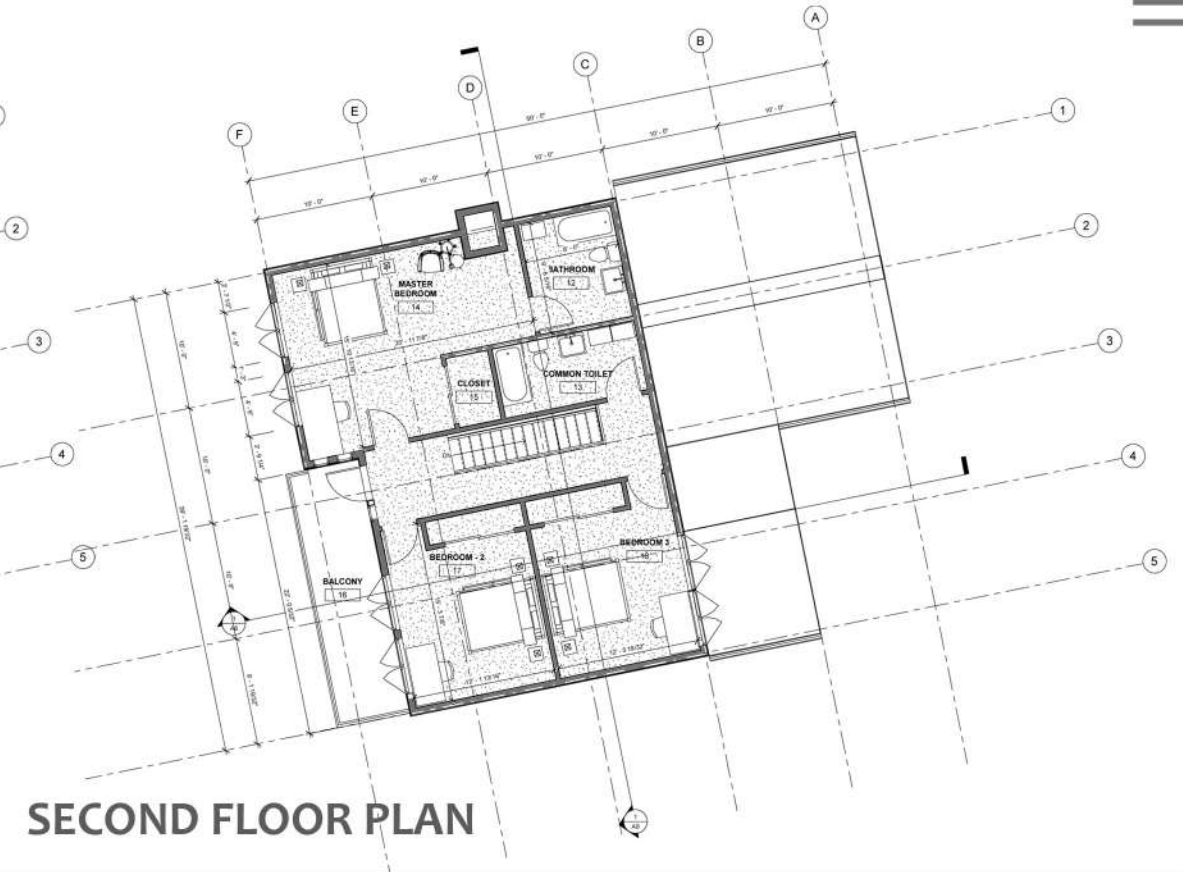
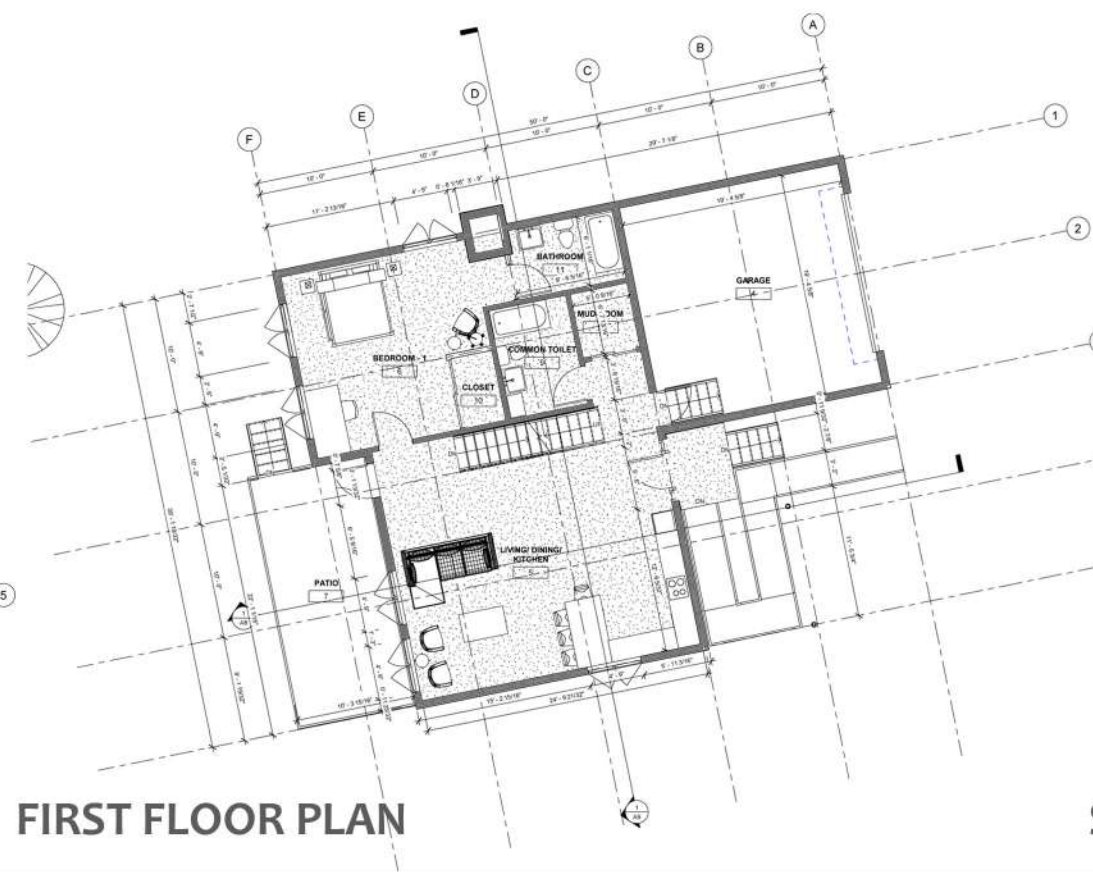
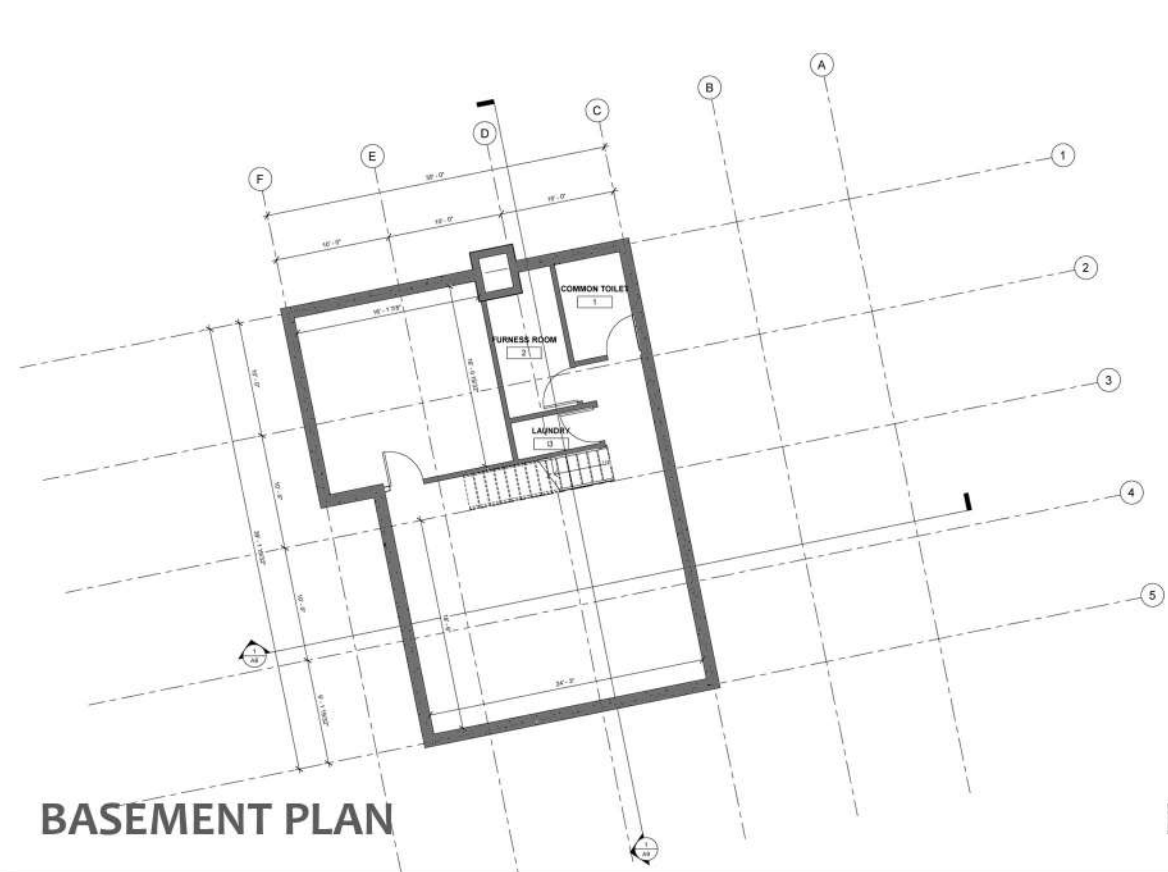




## DETACHED HOUSE

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. The open kitchen, is followed by the living area opening to a 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

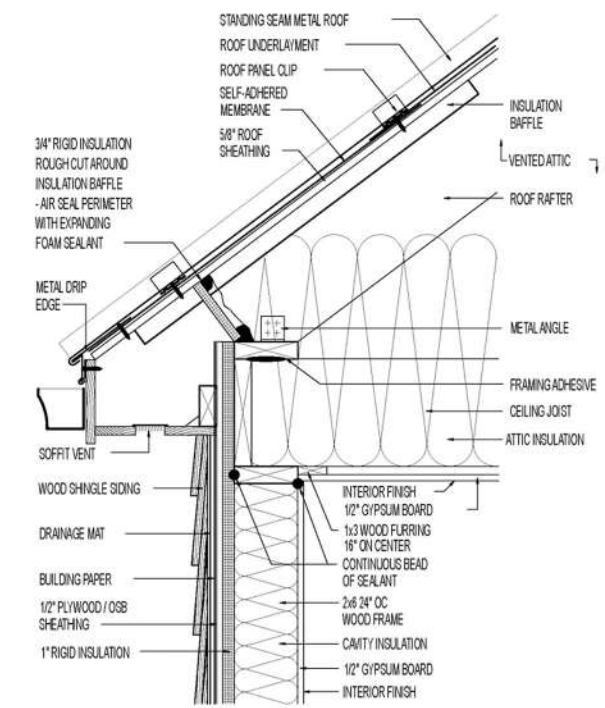
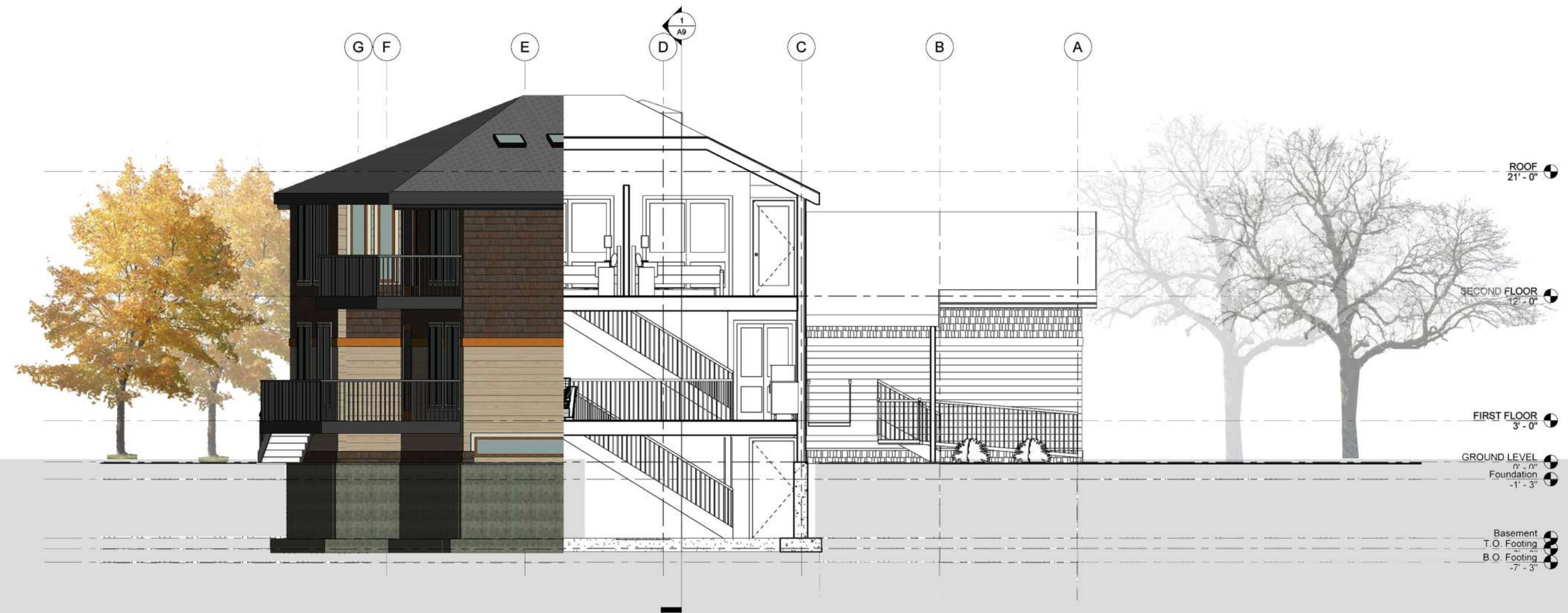


Low-Flow  
Plumbing Fixtures

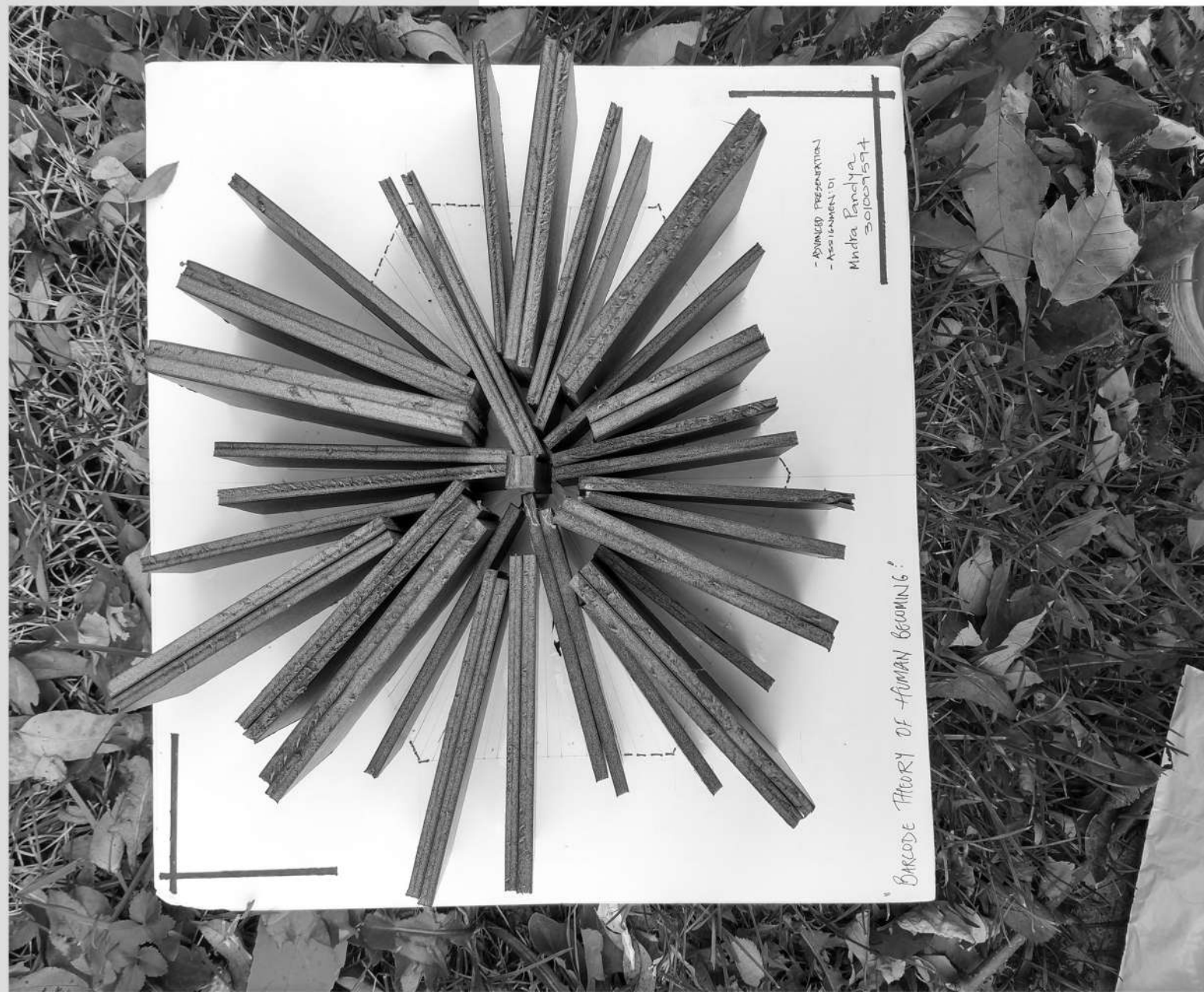




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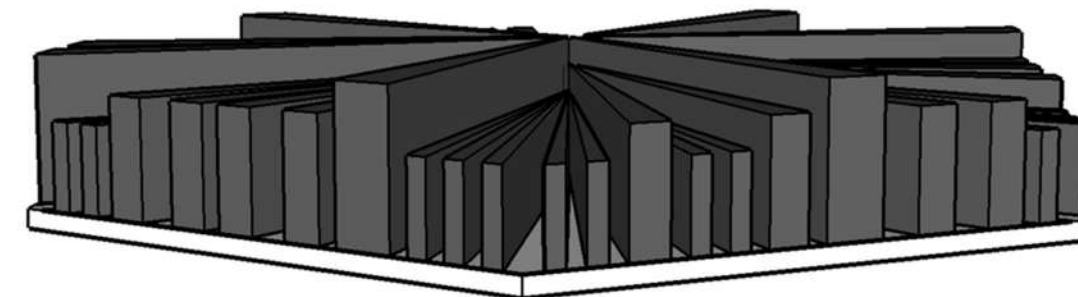






## PAVILION DESIGN

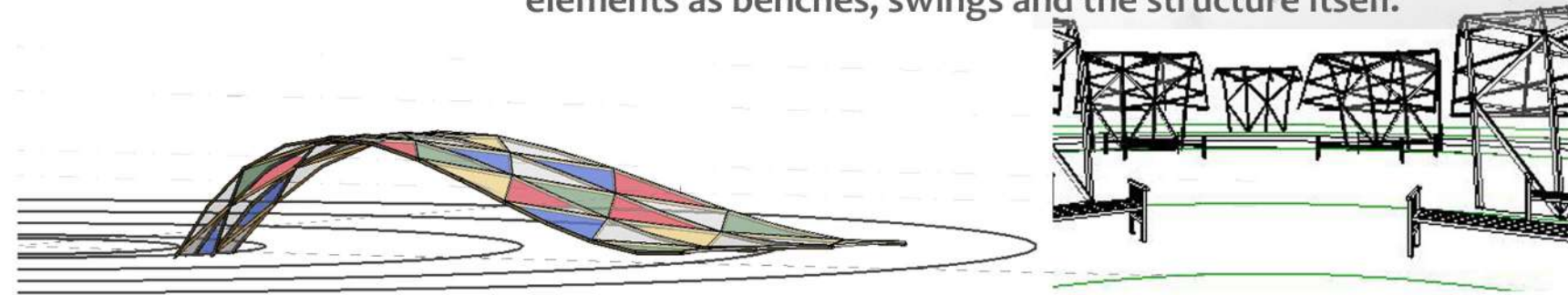
The pavilion design is developed from an abstract sculpture evolved from a theoretical study of, “Barcode Theory Of Human Becoming”. Where, each bar represents growth from discomfort, unfamiliarity or change experienced. So, just like a DNA, each person have their own unique barcode. Eventually indicating 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 followed by the structure majorly resting on ground. The intended function is to use it 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 emphasises on horizontality or verticality. And capturing those structures is to distill that philosophy, design and nature in one single frame.







## SKETCHING

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 might miss in first glance.







**THANK YOU**