

PORTFOLIO

MATTHEW LYNN | 2025



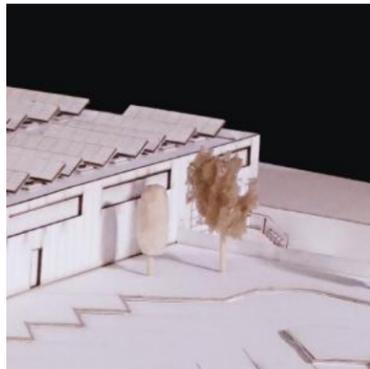
PROJECTS



110 CARRIER



35 FORTY FIRST



SDS FACTORY



1161 WESTON

110 CARRIER

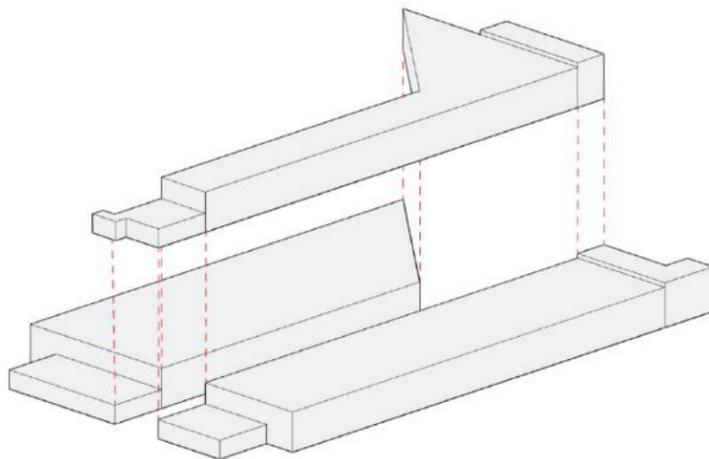
THIS PROJECT REVITALIZES A FORMER TRADE SCHOOL INTO A VIBRANT, MULTI-FUNCTIONAL COMMUNITY CENTER DESIGNED TO ENGAGE AND CONNECT PEOPLE OF ALL AGES. THE RETROFITTING PROCESS EMPHASIZES SUSTAINABILITY, INCORPORATING ENERGY-EFFICIENT SYSTEMS, RECLAIMED MATERIALS, AND GREEN DESIGN STRATEGIES TO MINIMIZE ENVIRONMENTAL IMPACT.

THE CENTER WILL FEATURES AN AQUATIC CENTER, FITNESS CENTER, BASKETBALL COURT, CAFÉ, LIBRARY, PLAYGROUND, AND SKATEPARK, OFFERING DIVERSE AMENITIES THAT CATER TO RECREATION, EDUCATION, AND LEISURE. FLEXIBLE SPACES FOR WORK-SHOPS AND EVENTS COMPLIMENT THESE FACILITIES, CREATING OPPORTUNITIES FOR SOCIAL INTERACTION AND COMMUNITY ENGAGEMENT.

BY INTEGRATING NATURAL LIGHT, OPEN LAYOUTS, AND ACCESSIBLE PUBLIC SPACES, THE DESIGN FOSTERS AN INCLUSIVE AND WELCOMING ENVIRONMENT. THIS INNOVATIVE TRANSFORMATION POSITIONS THE CENTER AS A HUB FOR SUSTAINABILITY, ACTIVITY, AND CONNECTION, INSPIRING A SENSE OF COMMUNITY AND SHARED PURPOSE.



EXISTING BUILDING | SATELLITE IMAGE



CONCEPT DIAGRAM | SKETCH UP & PHOTOSHOP



FRONT OF BUILDING | D5 RENDERING



FLOOR PLAN | REVIT & PHOTOSHOP



BASKETBALL COURT & RUNNING TRACK | D5 RENDERING



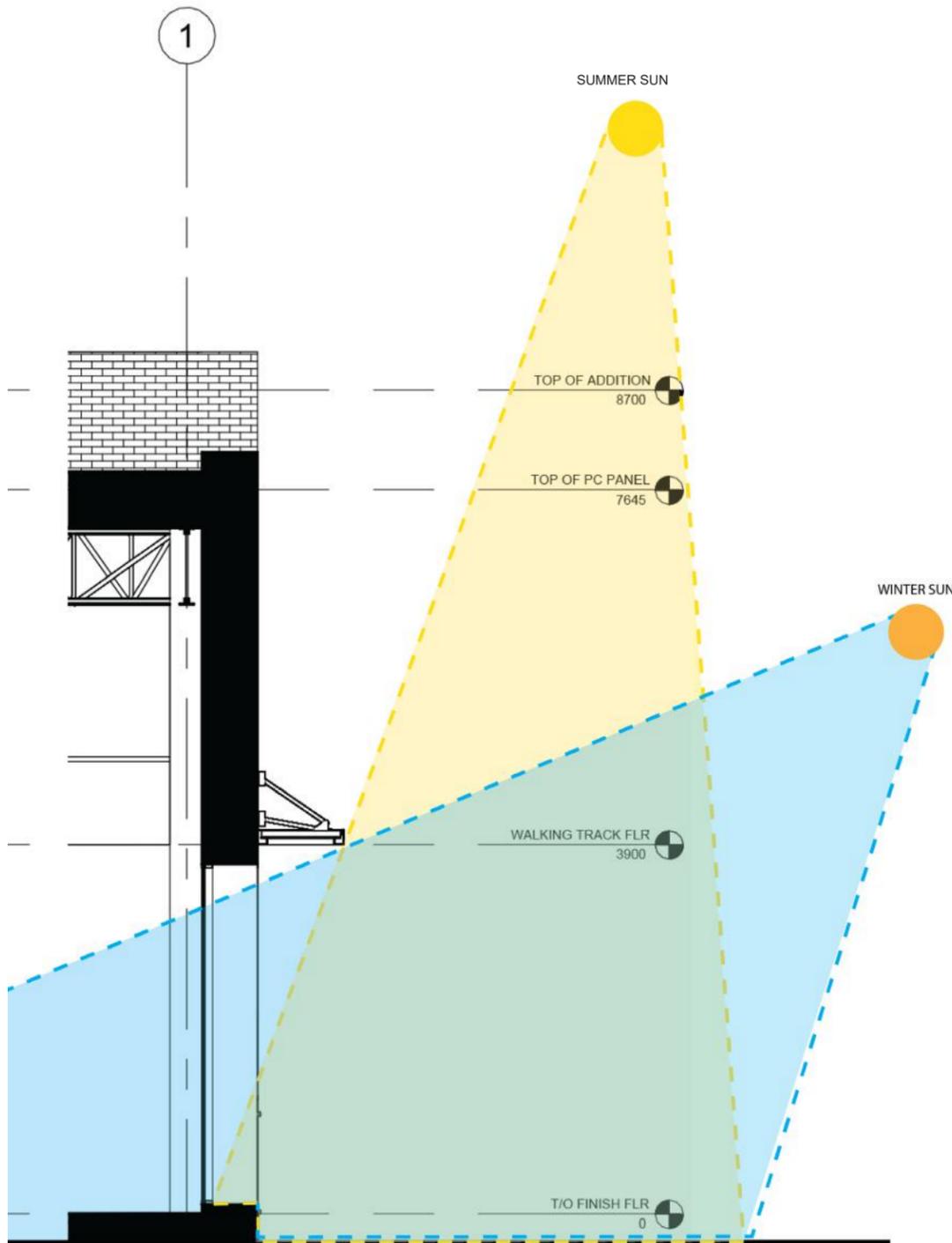
AQUATIC AREA | D5 RENDERING



FITNESS AREA | D5 RENDERING



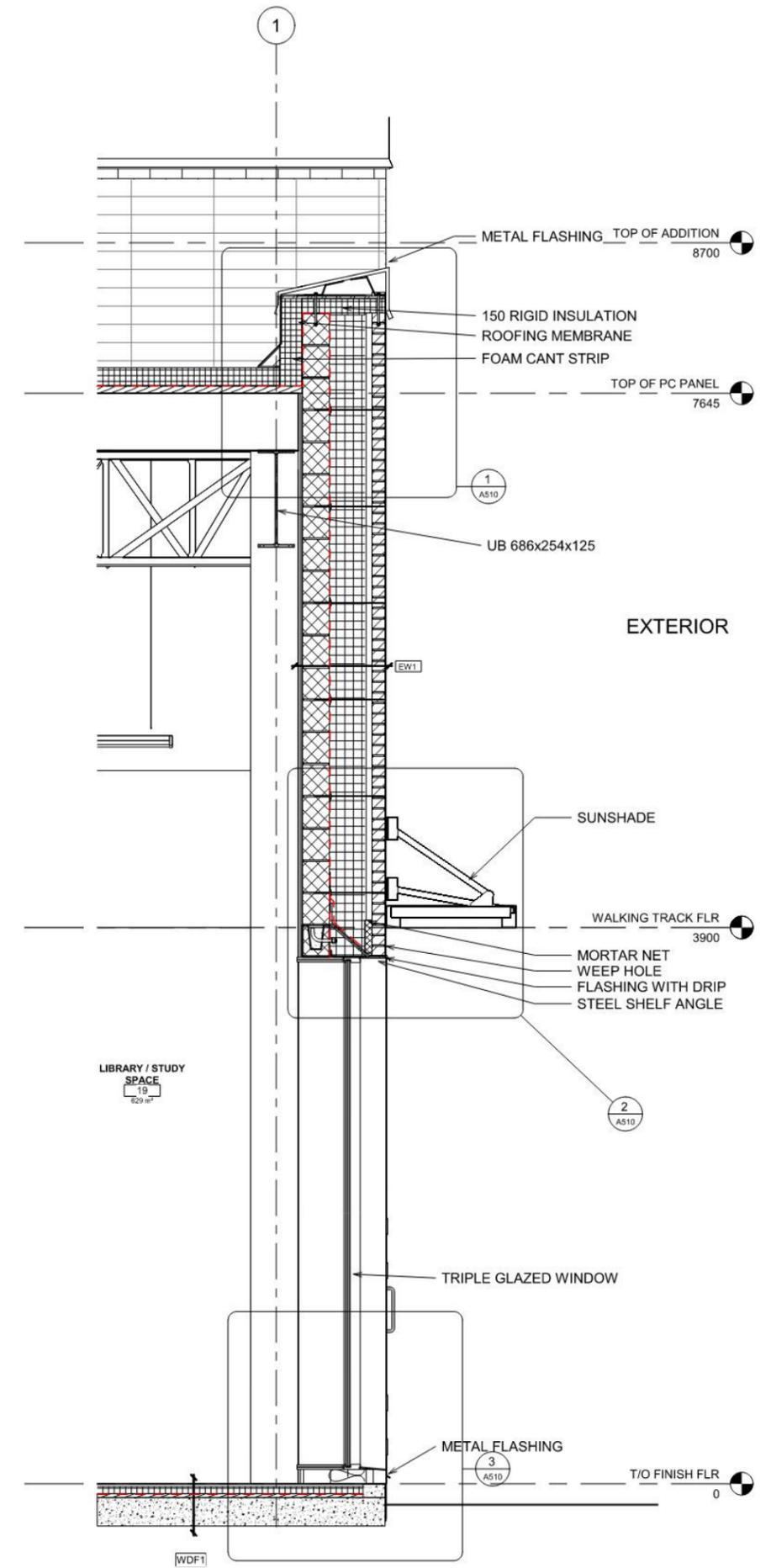
BUILDING SECTION VISUALIZATION | REVIT & PHOTOSHOP



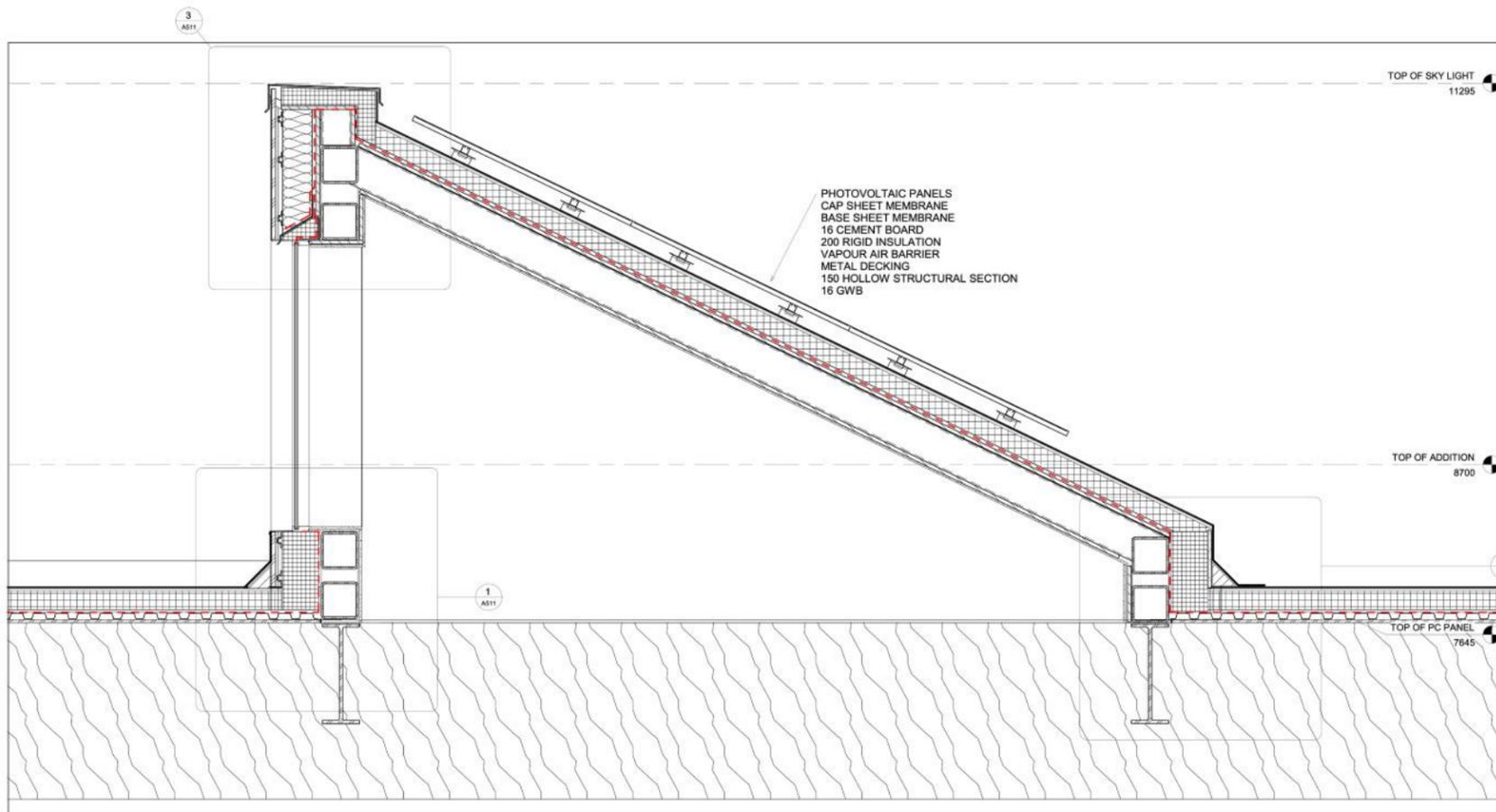
SOLAR SHADING ANALYSIS | REVIT & ILLUSTRATOR



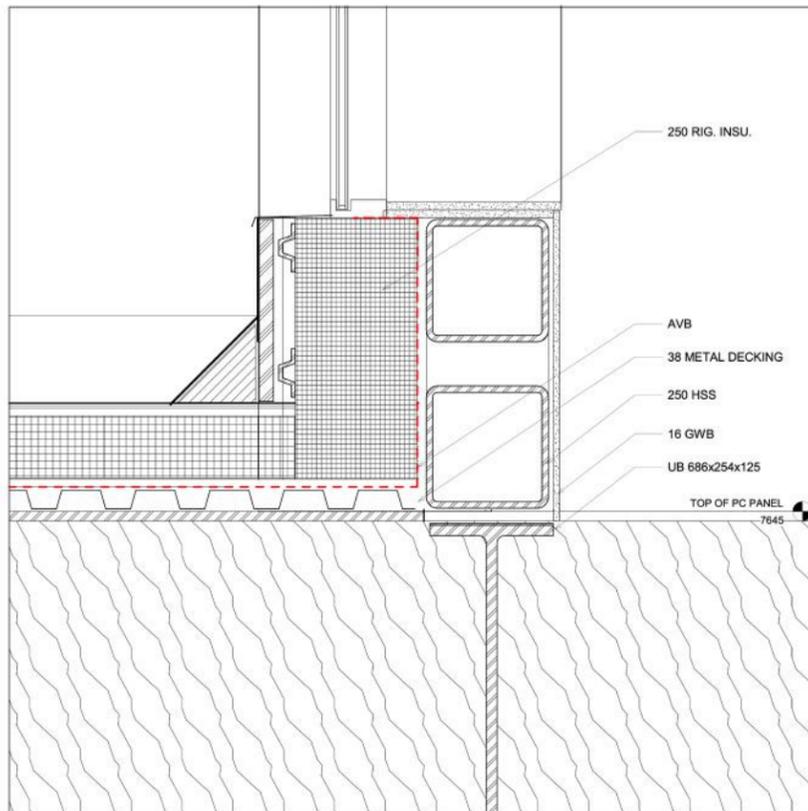
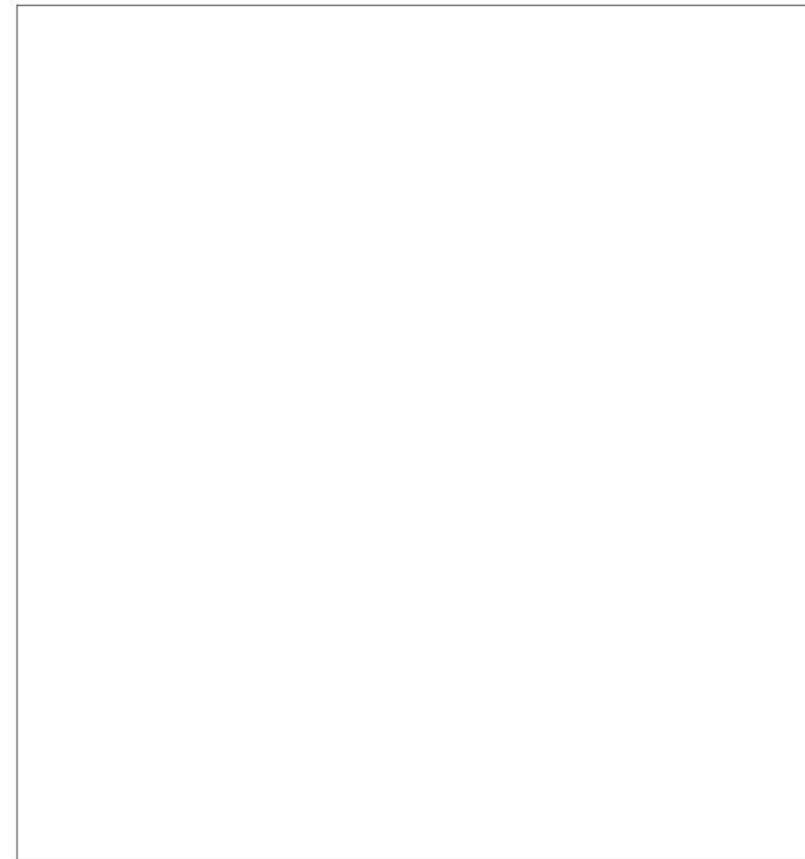
WALL SECTION | PHYSICAL MODEL



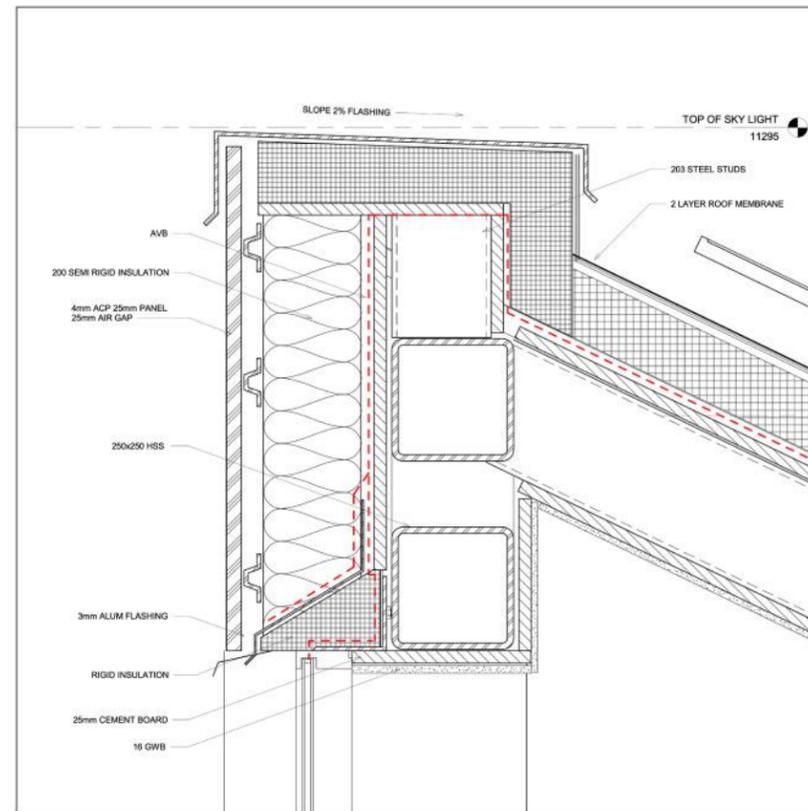
WALL SECTION | REVIT



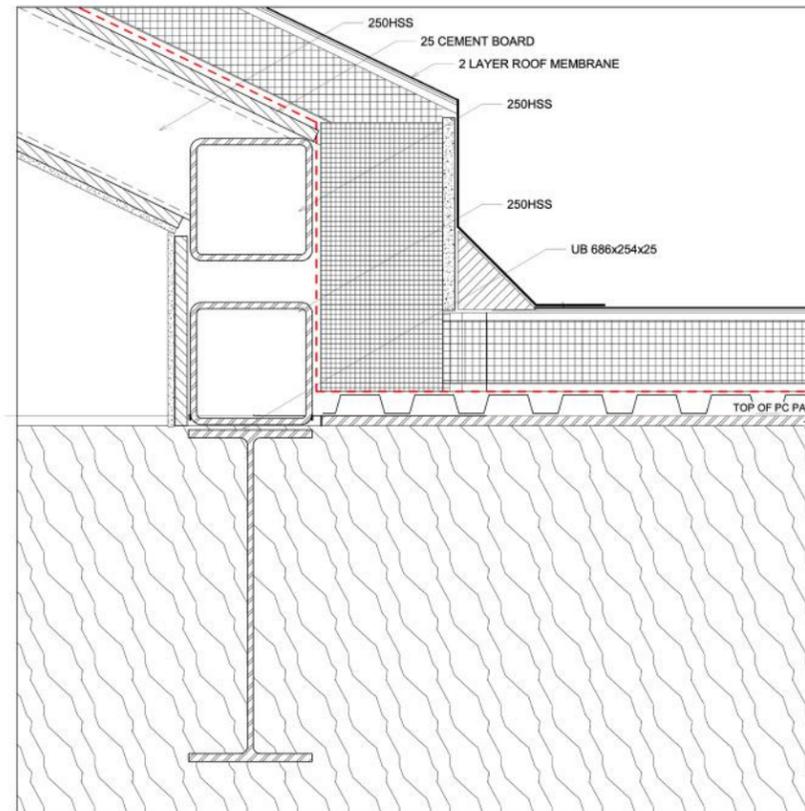
2 SKYLIGHT SECTION
1:15



1 SKYLIGHT SECTION - WINDOW SILL
1:5



3 SKYLIGHT SECTION - TOP OF SKYLIGHT
1:5



4 SKYLIGHT SECTION - BOTTOM OF ROOF
1:5



No.	REVISION	Date

110 CARRIER

DETAILS #2

COURSE: ARC-351-0NA

Date: 2025-03-10

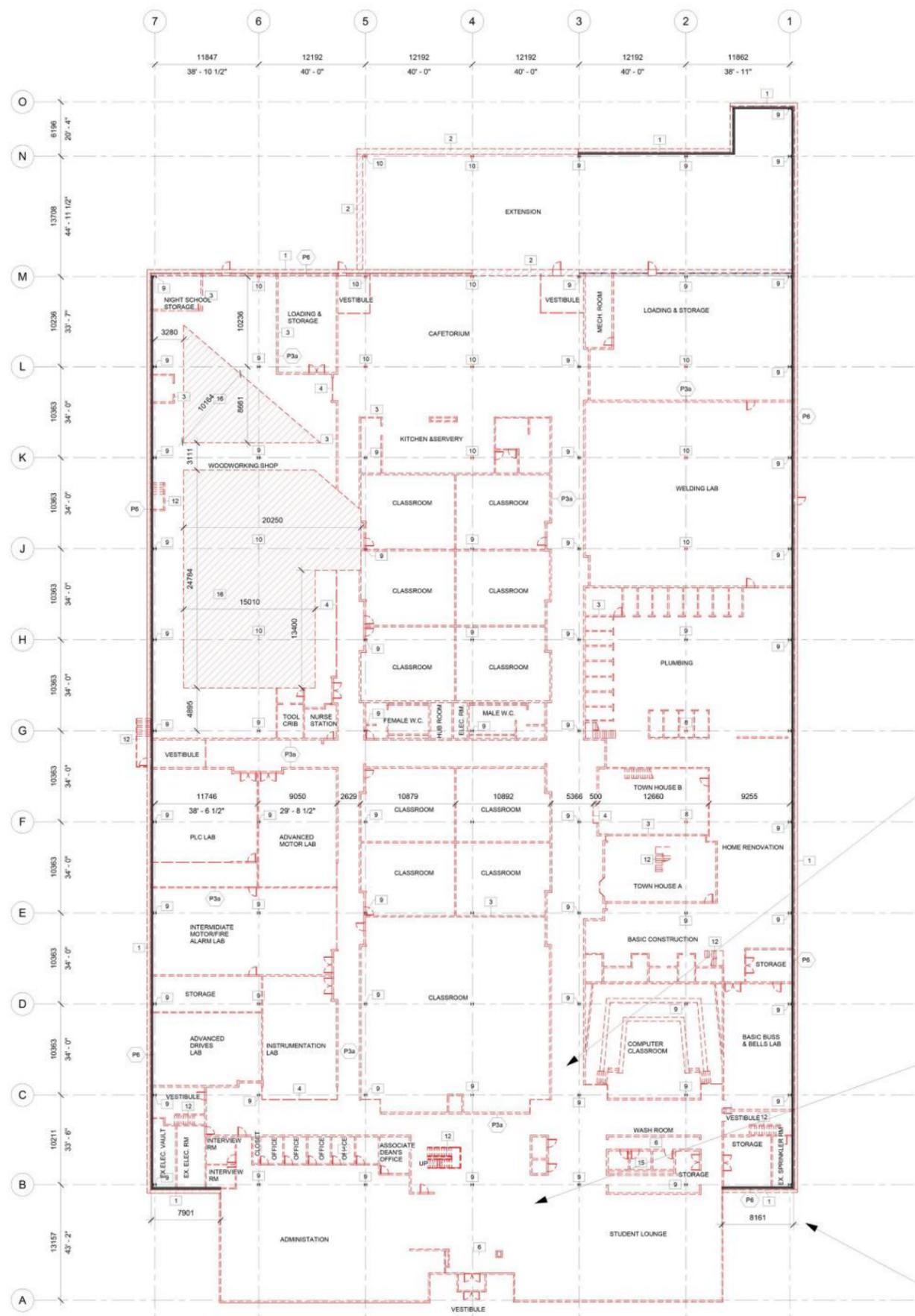
Drawn by: Author

Checked by: Checker

A511

Scale: As indicated

2025-04-14 12:17:45 PM



GENERAL DEMOLITION NOTES

1. READ THIS DOCUMENT IN CONJUNCTION WITH CONSTRUCTION DOCUMENT. COORDINATE WITH OTHER TRADES TO ESTABLISH EXACT EXTENT OF DEMOLITION REQUIRED
2. CONTRACTOR SHALL COORDINATE WORK ALONG CARRIER DRIVE WITH THE CITY OF ETOBICOKE. ALL TEMPORARY CLOSURES, BARRICADES AND FLAGGING SHALL BE IN ACCORDANCE WITH CITY STANDARDS AND SHALL BE APPROVED BY THE CITY OF ETOBICOKE. LOCAL TRAFFIC (ADJOINING BUILDINGS) SHALL BE PROVIDED WITH ACCESS AT ALL TIMES
3. NOTIFY AFFECTED UTILITY COMPANIES BEFORE STARTING WORK & COMPLY WITH THEIR REQUIREMENTS
4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES BEFORE COMMENCING WORK, AS THE SHOWN LOCATIONS ARE APPROXIMATE. THE CONTRACTOR MUST PROTECT THE UTILITIES DURING CONSTRUCTION AND WILL BE FULLY LIABLE FOR ANY DAMAGE CAUSED BY FAILING TO PROPERLY LOCATE AND PRESERVE THEM.
5. CONTRACTOR IS TO NOTIFY THE ARCHITECT & OWNER IF MATERIALS CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED
6. PROTECT ALL AREAS TO REMAIN FROM DAMAGE AS REQUIRED. REPAIR AND MAKE GOOD TO RECEIVE NEW FINISHES AS SPECIFIED.
7. PHASE CONSTRUCTION AND PROVIDE TEMPORARY BRACING AND SHORING AS REQUIRED TO CREATE A STRUCTURALLY SOUND ENVIRONMENT WHILE NEW CONSTRUCTION PROCEEDS.
8. REMOVE ALL DEBRIS PROPERLY FROM SITE. ALL DEMOLISHED MATERIAL, EXCEPT THAT LISTED OR MARKED BY THE PROJECT MANAGER FOR RETENTION, SHALL BECOME THE PROPERTY OF THE CONTRACTOR. DO NOT BLOCK EXIT OR ROADWAYS.



Keynote Legend	
Key Value	Keynote Text
1	REMOVE ALL EXIST. COMPONENTS OF WALL EXCEPT CMU TO REMAIN
2	REMOVE EXIST. WALL
3	EXIST. INTERIOR WALL TO BE REMOVED
4	EXIST. GLAZED PARTITION TO BE REMOVED
6	EXIST. TILE FLOORING TO BE REMOVED & CLEAN AND PREPARE SLAB
8	EXIST. ROOF TO BE REMOVED
9	EXIST. COLUMN TO REMAIN
10	EXIST. COLUMN TO BE REMOVED
12	EXIST. STAIRS TO BE REMOVED
13	EXIST. RAILING TO BE REMOVED
15	EXIST. PLUMBING FIXTURE TO BE REMOVED
16	EXIST. FLOOR TO BE REMOVED
17	EXIST. CEILING TO BE REMOVED

LEGEND	
	TO BE DEMOLISHED
	TO REMAIN
	EXTENSION TO BE REMOVED
	KEYNOTE TAG

WALL ASSEMBLIES	
	5" GWB 8" STEEL STUDS @ 16" O.C. 0.6W DEFLECTION TRACEL FIBERGLASS BATT. INSULATION 5" GWB
	8" CONCRETE BLOCK
	4" ARCHITECTURAL CONCRETE BLOCK 1" AIR SPACE 3.5" SEMI-RIGID MINERAL INSULATION AIR/VAPOR BARRIER 8" CONCRETE BLOCK



No.	REVISION	Date

110 CARRIER

1st FLR DEMO PLANS

COURSE	ARC-351-0NA
Date	2025-02-05
Drawn by	MATTHEW LYNN
Checked by	KUNCHOK NYINGPO

A111
Scale As indicated



- 11
- 7
- 14
- 3

REMOVE ALL FANS



- 14
- 6

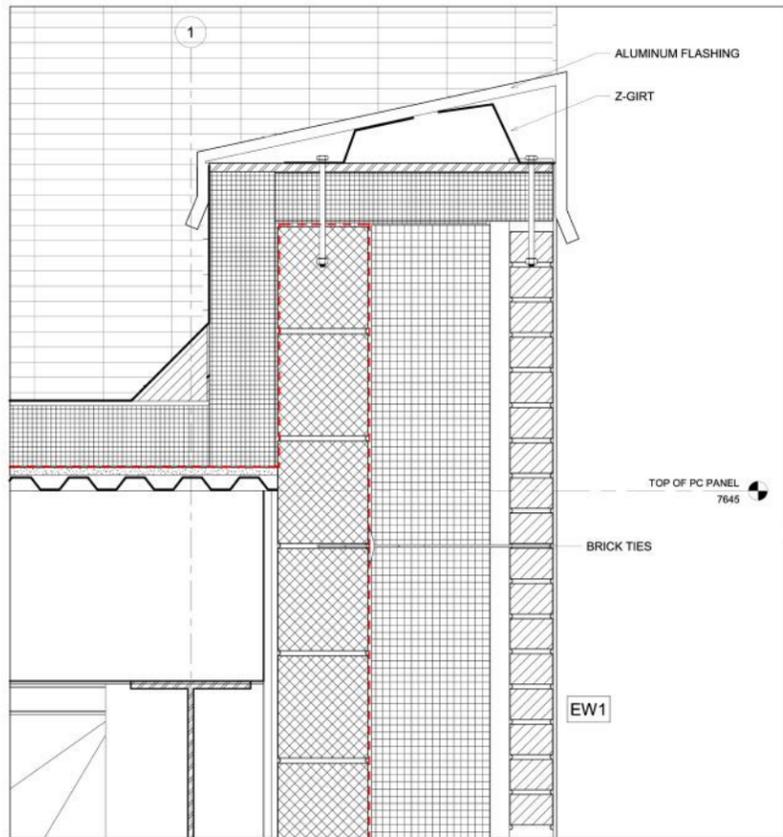
REMOVE ALL CARPET AND CLEAN & PREPARE SLAB

REMOVE FINISH TO EXPOSE COLUMN

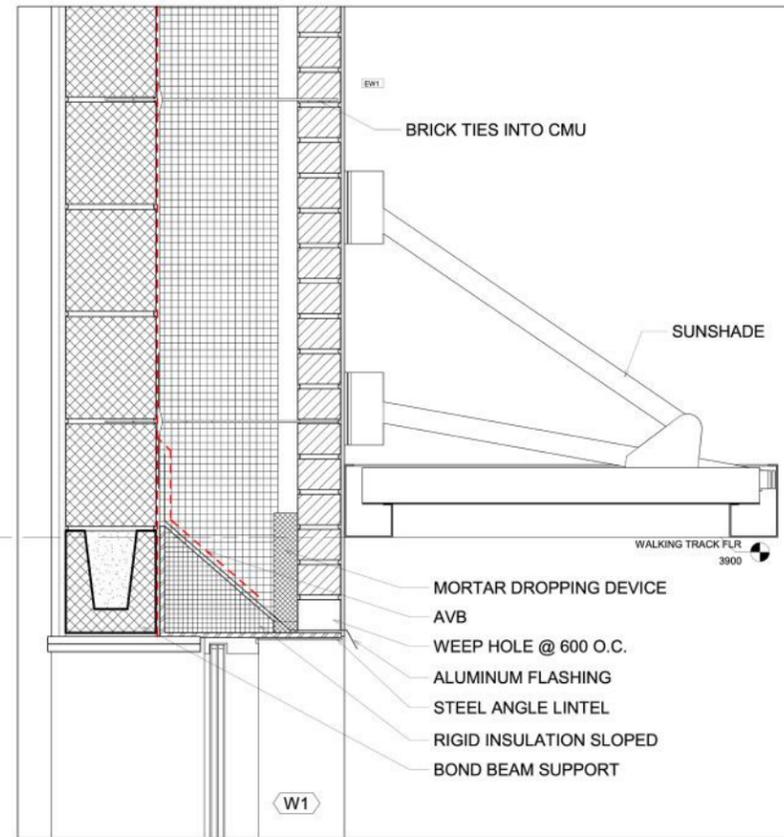


- 1
- 2
- 13

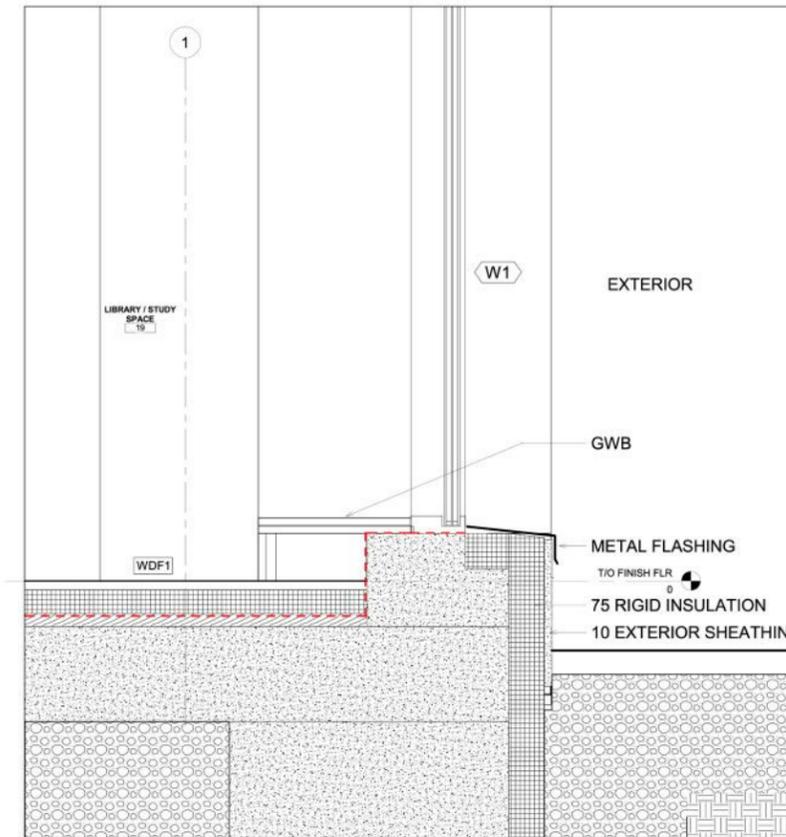
EXIST. FIRE CONNECTIONS WILL REMAIN



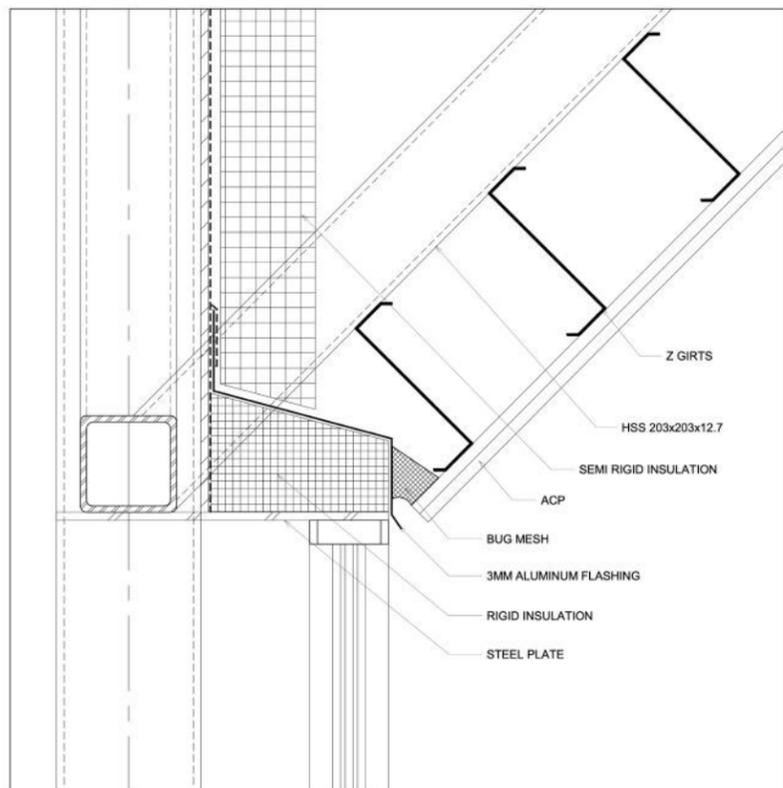
1 TYP. EW1 SECTION - PARAPET
1:5



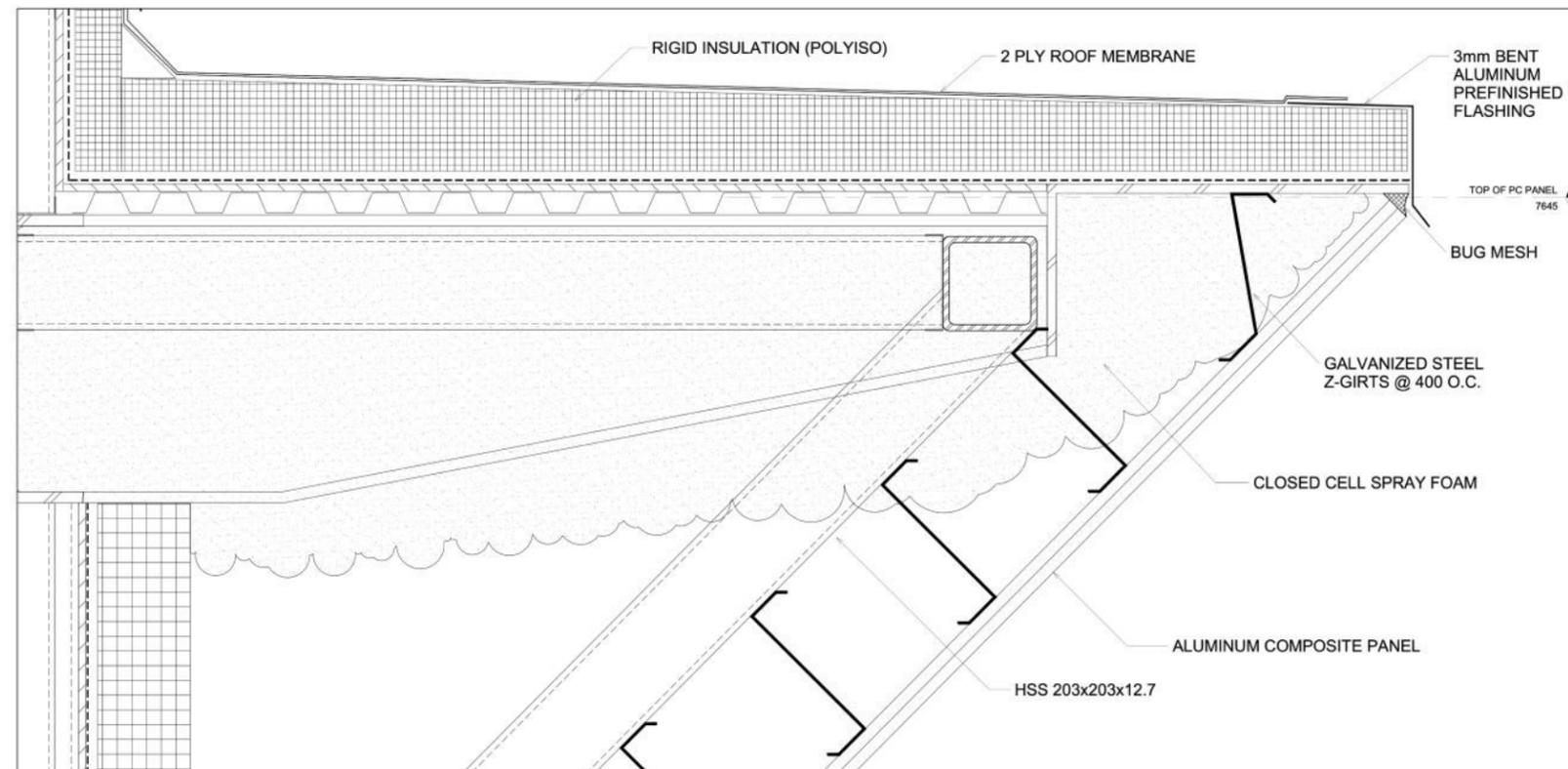
2 TYP. EW1 SECTION - WINDOW LINTEL
1:5



3 TYP. EW1 SECTION - WINDOW SILL
1:5



4 AQUATIC WALL SECTION - TOP OF GLAZING
1:5



7 AQUATIC WALL SECTION - TOP OF OVERHANG
1:5

No.	REVISION	Date

110 CARRIER

DETAILS

COURSE	ARC-351-0NA
Date	2025-03-10
Drawn by	Author
Checked by	Checker

A510

Scale 1:5

35 FORTY FIRST

THIS ARCHITECTURAL RENOVATION PROJECT HAS CONVERTED AN EXISTING SINGLE-FAMILY DWELLING IN LONG BRANCH, ONTARIO, INTO TWO SEPARATE RESIDENTIAL UNITS WHILE RETAINING THE EXISTING BUILDING FOOTPRINT. THE DESIGN PRIORITIZES CREATING BRIGHT, LIVABLE SPACES FOR BOTH UNITS THROUGH STRATEGIC USE OF NATURAL LIGHT. ALL WORK COMPLIES WITH THE ZONING REGULATIONS SPECIFIC TO LONG BRANCH AS WELL AS THE ONTARIO BUILDING CODE (OBC), ENSURING PROPER FIRE SEPARATION, SOUND INSULATION, EGRESS, AND MECHANICAL SYSTEMS FOR EACH UNIT.

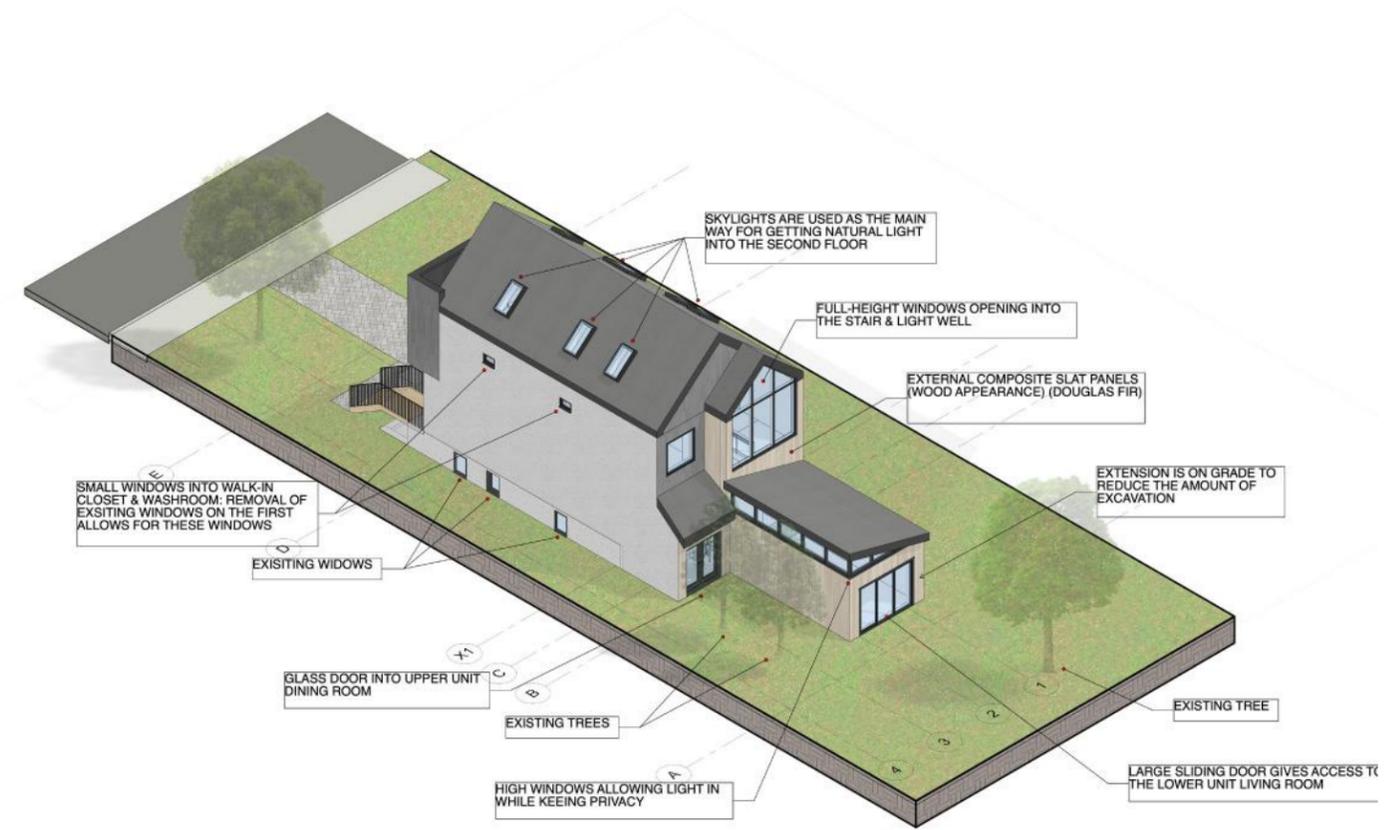
THE RENOVATION THOUGHTFULLY DIVIDES THE HOME PROVIDING EACH UNIT WITH PRIVATE ACCESS AND A COMFORTABLE, FUNCTIONAL LIVING ENVIRONMENT. THE CLIENT EMPHASIZED THE IMPORTANCE OF ENERGY EFFICIENCY BUT SPECIFICALLY REQUESTED THAT SOLAR PANELS NOT BE INCLUDED IN THE DESIGN. AS A RESULT, THE PROJECT INCORPORATES OTHER SUSTAINABLE STRATEGIES SUCH AS IMPROVED INSULATION, HIGH-EFFICIENCY HVAC SYSTEMS, AND ENERGY-SAVING LIGHTING.



EXISTING BUILDING | GOOGLE MAPS



FRONT EXTERIOR | D5 RENDERING



BUILDING FEATURE DIAGRAM | REVIT & PHOTOSHOP

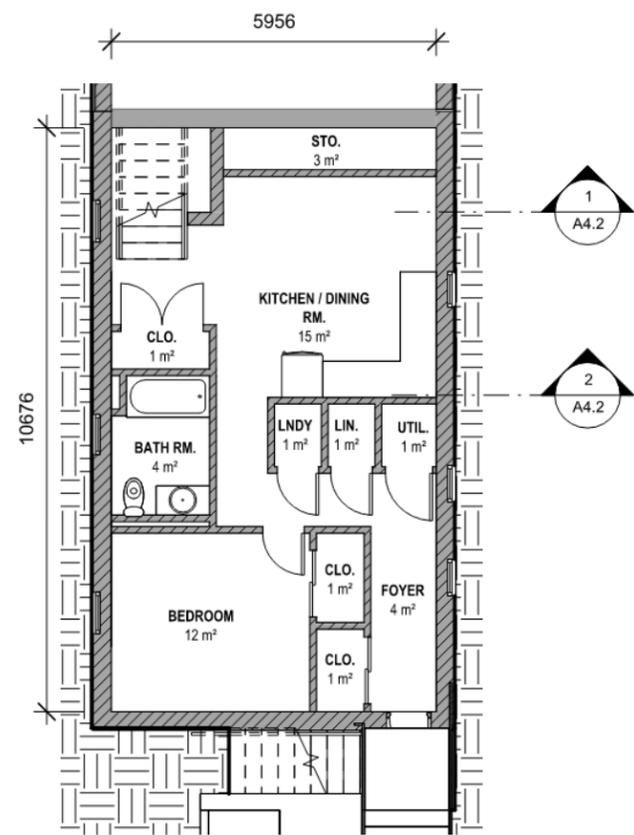
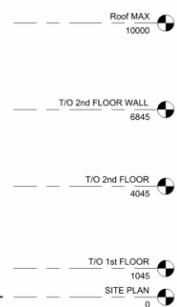


1 North PREZ
1:75



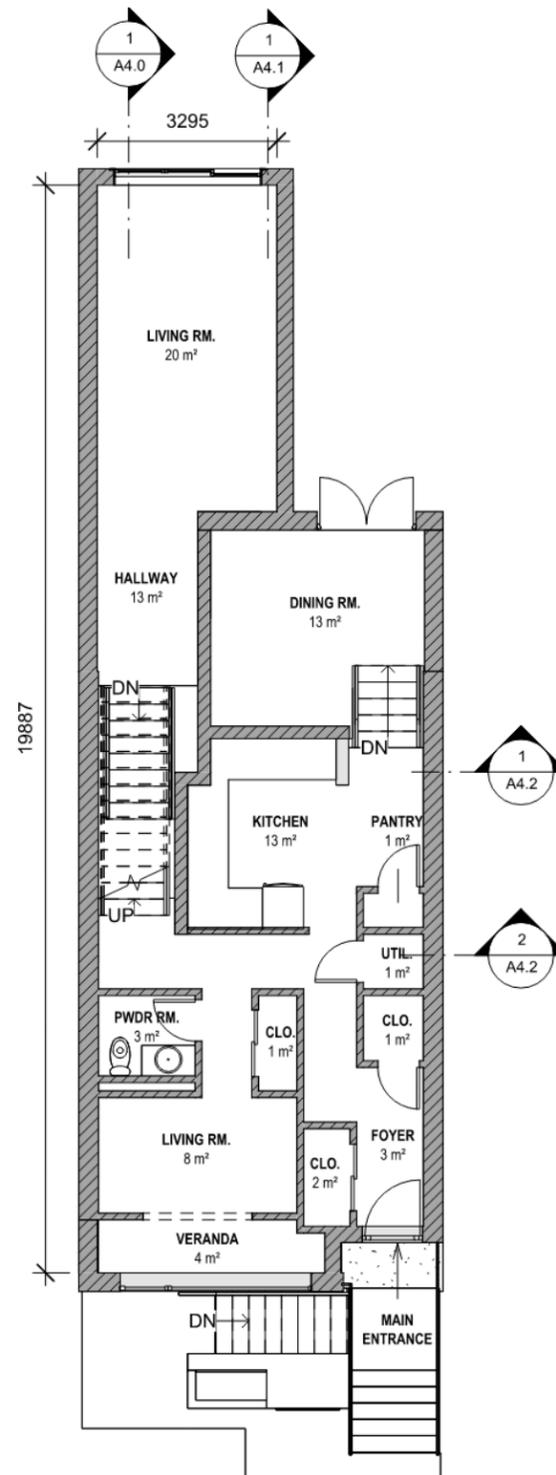
2 South PREZ
1:75

ELEVATIONS | REVIT

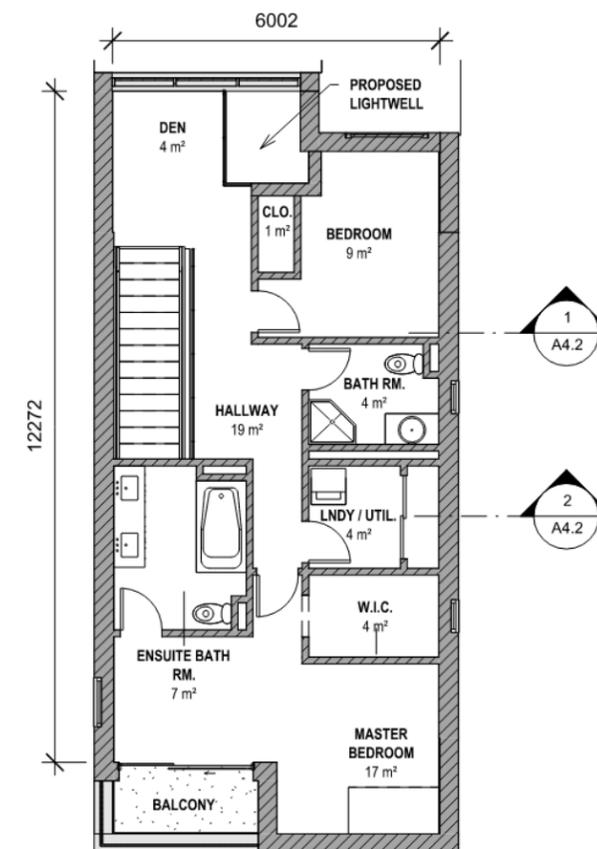


BASEMENT

FLOOR PLANS | REVIT



SITE & FIRST FLOOR



SECOND FLOOR

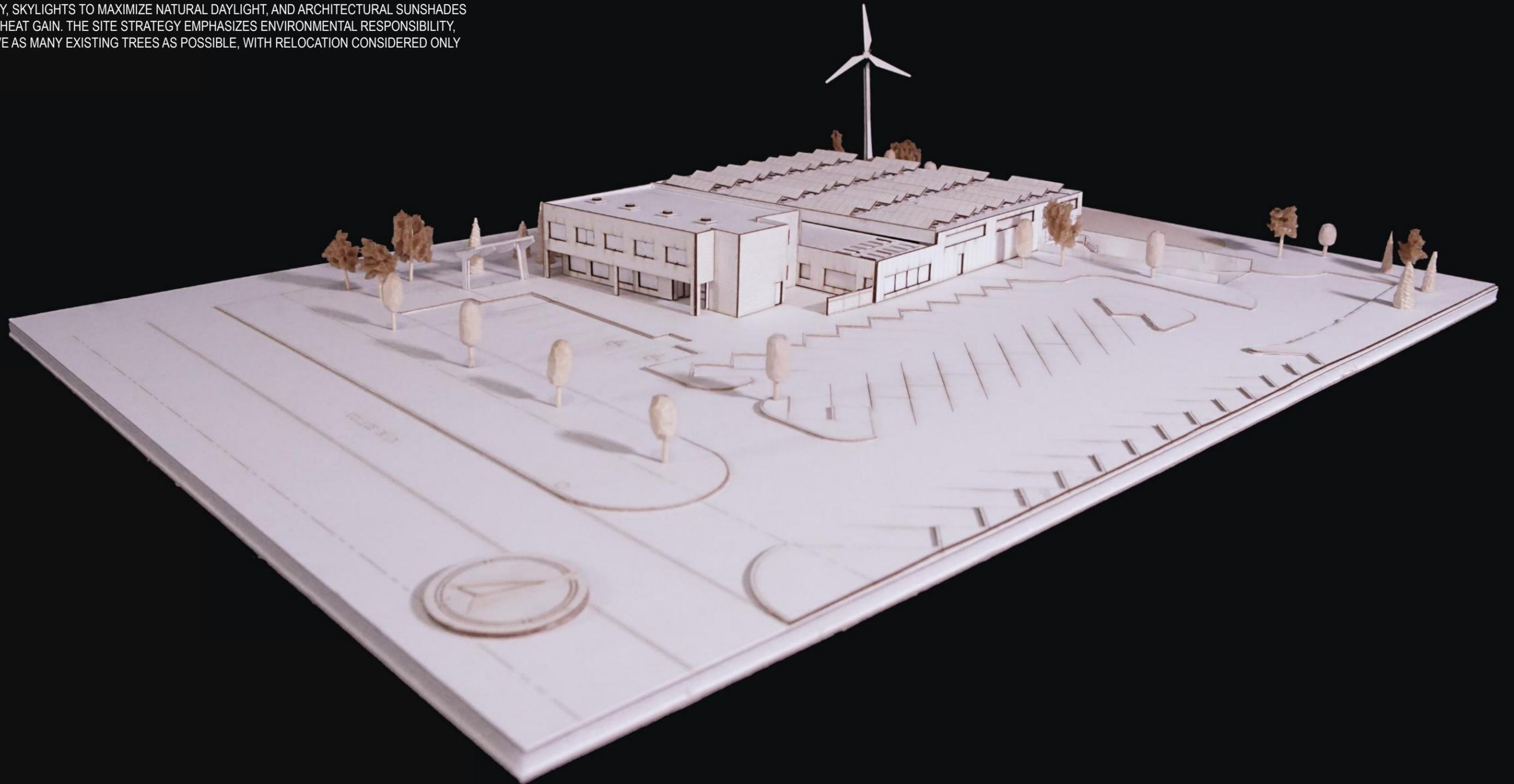


STREET ELEVATIONS | REVIT & PHOTOSHOP & BLUEBEAM

SDS FACTORY

THE OBJECTIVE OF THIS PROJECT IS TO DESIGN A MULTIFUNCTIONAL INDUSTRIAL FACILITY THAT INTEGRATES A PLANT, LABORATORY, OFFICE SPACE, AND SHOWROOM WITHIN A SINGLE COHESIVE STRUCTURE. THE BUILDING IS DESIGNED TO UTILIZE A STEEL FRAME WITH MASONRY CONSTRUCTION, ENSURING DURABILITY AND EFFICIENCY.

A KEY DESIGN GOAL IS SUSTAINABILITY. THE FACILITY WILL INCORPORATE SOLAR PANELS TO HARNESS RENEWABLE ENERGY, SKYLIGHTS TO MAXIMIZE NATURAL DAYLIGHT, AND ARCHITECTURAL SUNSHADES TO MINIMIZE SOLAR HEAT GAIN. THE SITE STRATEGY EMPHASIZES ENVIRONMENTAL RESPONSIBILITY, AIMING TO PRESERVE AS MANY EXISTING TREES AS POSSIBLE, WITH RELOCATION CONSIDERED ONLY WHEN NECESSARY.



1161 WESTON

THE OBJECTIVE OF THE PROJECT WAS TO DEVELOP A MID-RISE, MIXED-USE BUILDING THAT COMPLIES WITH LOCAL REGULATIONS. LOCATED IN MOUNT DENNIS, 1611 WESTON ROAD IS POSITIONED NEAR A FUTURE SUBWAY STATION, ENHANCING CONNECTIVITY AND TRANSIT ACCESS.

THE DEVELOPMENT FEATURES A RANGE OF UNIT SIZES TO SUPPORT A DIVERSE AND INCLUSIVE COMMUNITY. WITH A FOCUS ON SUSTAINABILITY, THE DESIGN INCLUDES THE PLANTING OF 14 TREES TO IMPROVE THE SITE'S GREEN SPACE AND ENVIRONMENTAL IMPACT.

RETAIL SPACES ON THE GROUND FLOOR ENLIVEN THE STREETScape, ENCOURAGING COMMERCIAL ACTIVITY AND COMMUNITY ENGAGEMENT. THE EAST-FACING UNIT IS ENVISIONED AS A CAFÉ OR RESTAURANT, WITH PATIO SPACE THAT ACCESSES THE STREET AND CREATES A WELCOMING PUBLIC REALM.

THE BUILDING UTILIZES MATERIALS THAT REFLECT THE CHARACTER OF THE SURROUNDING NEIGHBORHOOD, ENSURING A CONTEXTUAL AND HARMONIOUS INTEGRATION INTO THE EXISTING URBAN LANDSCAPE.



FRONT OF BUILDING | D5 RENDERING

1 : WATER CAPTURE

THE ROOF TOP HAS A WATER CAPTURE SYSTEM WHICH STORES GREY WATER TO USE FOR WATERING PLANTS AND FLUSHING TOILETS

2 : SOLAR PANELS

PANELS ARE AT A 30° ANGLE FACING SOUTH

3 : LOUVRES

THE LOUVRES ARE DESIGNED TO BLOCK THE PEAK SUMMER SUN AND ALLOW THE SUN IN DURING THE WINTER

4 : VERTICAL WINDOWS

THE VERTICAL WINDOWS OPEN WHICH ALLOWS AIR TO CYCLE THROUGH THE UNITS

5 : BICYCLE STORAGE

BY THE FRONT DOOR THERE ARE BIKE RACKS AND THERE IS ALSO A BYCYCLE STORAGE ROOM FOR RESIDENTS