ARCHITECTURAL PORTFOLIO

Lion Voho

LIAM

INTRODUCTION

ABOUT ME

HELLO, MY NAME IS LIAM JONES AND I AM FROM READING, PENNSYLVANIA. I'M A BIT OF A WORKAHOLIC AT TIMES, BUT THE WORK I DO BRINGS ME JOY. EVER SINCE I CAN REMEMBER, I HAVE GRAVITATED TOWARDS DESIGN AND CREATIVE EXPRESSION.

THROUGHOUT MY LIFE, I HAVE EXPLORED NATIONAL LANDMARKS SUCH AS THE GRAND CANYON AND INTERNATIONALLY TO LONDON AND PARIS. DURING MY TRAVELS, MY EXPERIENCES HAVE EXPOSED ME TO THE WONDERS OF CULTURE AND BEAUTY THAT THE WORLD HOLDS, AS WELL AS THE IMPACT THAT SOCIETY HAS ON ENVIRONMENT. RESPONSIBLE DESIGN CAN EFFECT POSITIVE CHANGE ON PEOPLE AND THE SURROUNDING CONTEXT, AND IS WHAT DRIVES ME TO PURSUE MY PATH IN DESIGN AS AN ASPIRING ARCHITECT AND COMMUNITY LEADER.

DESIGN PHILOSOPHY

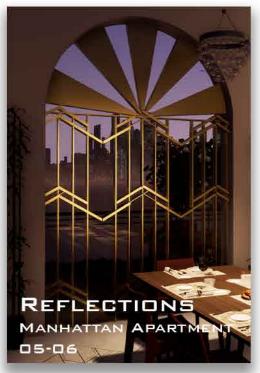
ARCHITECTURE IS THE EMBODIMENT OF SOCIETIES
ASPIRATIONS. FROM THE LARGEST HIGH-RISE, TO THE
SMALLEST HOME, EACH STRUCTURE SHOULD EVOKE
EMOTION AND RESPOND TO ITS CONTEXT.



"THERE'S WAY TO DO IT BETTER - FIND IT"
- THOMAS A. EDISON

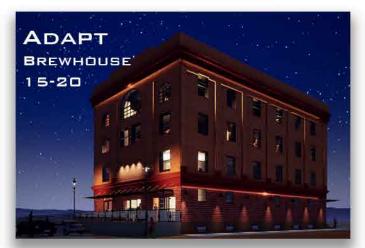
CONTENTS

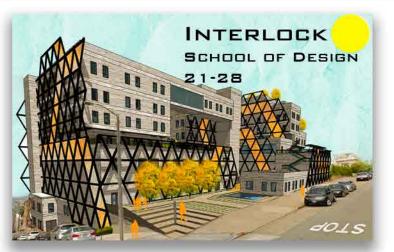




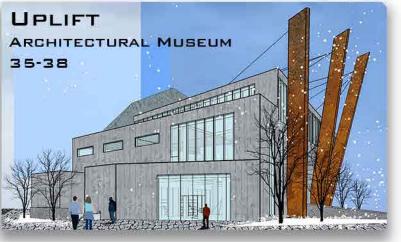






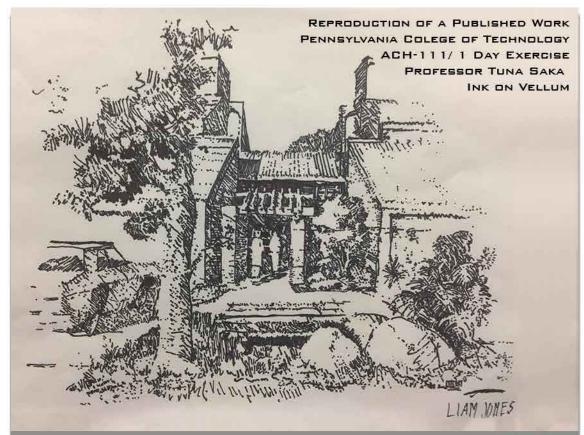








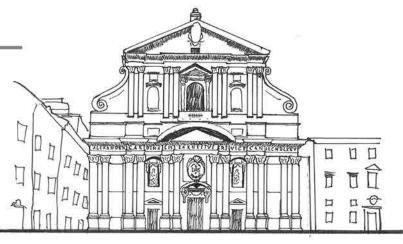
COMPOSITIONS - STUDY SKETCHES



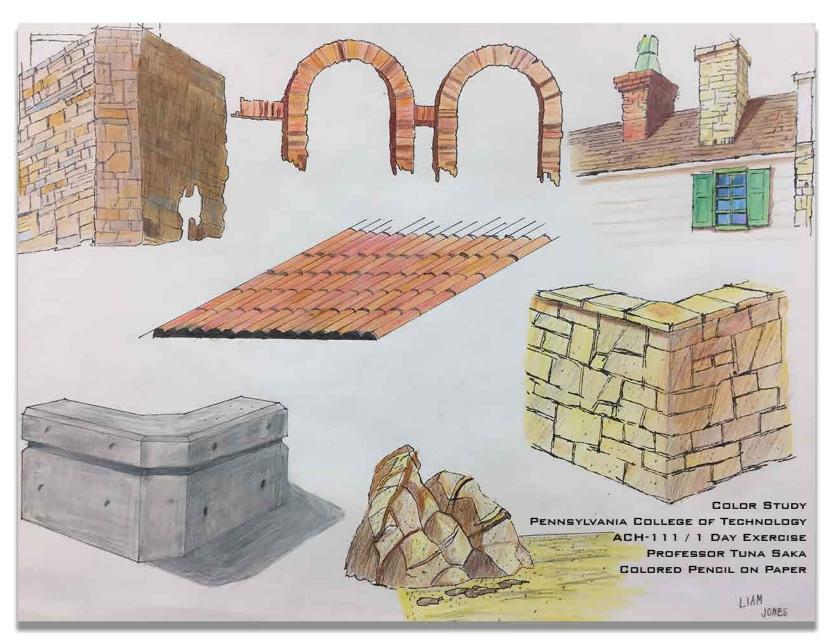




ACROPOLIS SKETCH
PENNSYLVANIA COLEGE OF TECHNOLOGY
ACH-112/1 DAY EXERCISE
PROFESSOR ROBERT WOZNIAK
INK ON PAPER



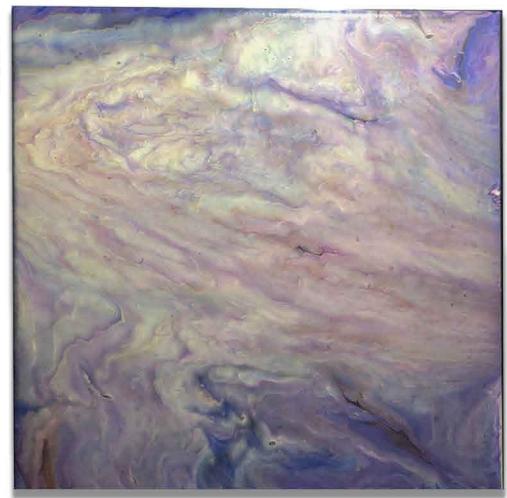
CHURCH OF THE GESU SKETCH
PENNSYLVANIA COLEGE OF TECHNOLOGY
ACH-112/1 DAY EXERCISE
PROFESSOR ROBERT WOZNIAK
INK ON PAPER





"ELECTION DAY"
PERSONAL PRODUCTION
2 DAY EXERCISE
ACRYLIC POUR ON CANVAS
10/30/2020

"CLOUDS OF NEPTUNE"
PERSONAL PRODUCTION
3 DAY EXERCISE
ACRYLIC POUR ON CANVAS
9/14/2020



ACRYLIC POUR ART



"PRESSURE"
PERSONAL PRODUCTION
1 DAY EXERCISE
AGRYLIC POUR ON CANVAS
9/18/2020

REFLECTIONS



MANHATTEN APARTMENTS

PENNSYLVANIA COLLEGE OF TECHNOLOGY
ACH-261/ 2 WEEK GROUP PROJECT
PROFESSOR DANIEL BROOKS
AUTODESK REVIT & TWINMOTION

PROJECT DESCRIPTION

THIS GROUP PROJECT SPANNED TWO WEEKS AND WAS COMPOSED OF TWO OTHER MEMBERS. THE BRIEF CHALLENGED US TO CREATE A STUDIO APARTMENT IN CENTER CITY NEW YORK, N.Y. WITH THE SHELL OF AN EXISTING BUILDING IN MIND. WE WERE GIVEN A TYPICAL 15'X15' COLUMN GRID AND ASKED TO PROVIDE ACCOMMODATIONS FOR A RESIDENCE WITH A GUEST SUITE, AS WELL AS PROVIDE OFFICES FOR THE MAIN TENANTS.

PROJECT APPROACH

TAPPING IN TO THE HISTORY OF THE STRUCTURE, OUR GROUP CHOSE TO PURSUE AN ART DECO STYLE OF DESIGN. MY RESPONSIBILITIES WITHIN THE PROJECT WERE TO ASSIST WITH THE PRELIMINARY DESIGN, CREATE REVIT AND TWINMOTION MODELS, AND GENERATE PRESENTATION SECTIONS AND FLOOR PLANS.





DINING ROOM



VIEW OF FIREPLACE



BUTLER'S PANTRY



KITCHEN

RENDERINGS



MASTER BATH



HER OFFICE



MASTER BEDROOM

SHIFT

MIXED-USE BUILDING

PENNSYLVANIA COLLEGE OF TECHNOLOGY ACH-261/ 2 WEEK GROUP PROJECT PROFESSOR DANIEL BROOKS **AUTODESK REVIT & TWINMOTION**



CRAFT SHOP

D1 - RETAIL SPACE

D2 - RECIEVING/STORAGE

03 - BATHROOM

04 - MANAGER'S OFFICE

BOOK STORE

05 - RETAIL SPACE

D6 - CAFE

07 - BATHROOM

08 - OVERSTOCK

09 - MANAGER'S OFFICE

10 - RECIEVING

SECOND FLOOR



ARCHITECTURE OFFICE

11 - RECEPTION

12 - BATHROOM

13 - STORAGE

14 - PRINT ROOM

15 - GALLERY

16 - BOOK KEEPING

17 - PRINCIPAL

18 - PROJECT MANAGER

19 - RESOURCE LIBRARY

20 - PRINCIPAL

21 - SPEC. WRITER

22 - CONFERENCE ROOM

23 - KITCHENETTE

24 - BATHROOM

25 - STUDIO

26 - TERRACE

THIRD FLOOR



APARTMENT 01

27 - LIVING ROOM

28 - KITCHEN

29 - MASTER BEDROOM

30 - MASTER BATHROOM

31 - BATHROOM

32 - LAUNDRY ROOM

APARTMENT 02

33 - LIVING ROOM

34 - BATH ROOM

35 - KITCHEN

36 - GUEST BEDROOM

37 - MASTER BEDROOM

38 - MASTER BATHROOM

39 - TERRACE

PROJECT DESCRIPTION

CONSISTING OF TWO STORES, AN ARCHITECTURAL OFFICE, AND TWO APARTMENTS, THIS GROUP PROJECT WAS MY FIRST INTRODUCTION TO COMMERCIAL DESIGN.

EXTERIOR PERSPECTIVE & SECTIONS





CROSS SECTION

DESIGN APPROACH

THE GROUP DECIDED TO HAVE THE BUILDING FOLLOW AN EXISTING EASEMENT ON SITE, AND DEDICATE PARKING TO BE PLACED ADJACENT TO THE EASEMENT. STAGGERING THE FLOOR PLATE CREATED EXTERIOR BALCONIES FOR BOTH THE ARCHITECTURAL OFFICE AND TENANT SPACES. Use GROUPS TAKE ADVANTAGE OF VERTICAL SEPARATION, WITH STAIR TOWERS FLANKING EITHER END OF THE STRUCTURE. THE FACADE DESIGN WAS INSPIRED BY THE SURROUNDING CONTEXT OF LOCKHAVEN, P.A. I WAS PERSONALLY RESPONSIBLE FOR THE LAYOUT OF THE FLOOR PLANS, AS WELL AS THE FORM FOR THE BUILDING.

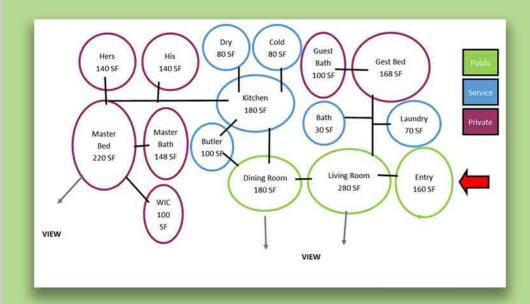


LONGITUDINAL SECTION

SHIFT - ADA APARTMENT

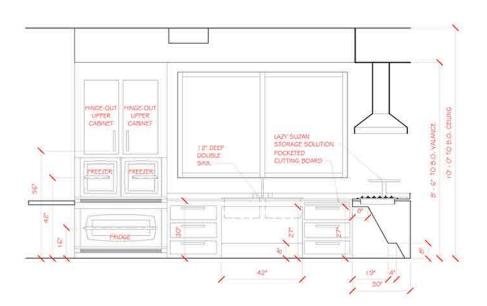
ADA APARTMENT INTEGRATION

PENNSYLVANIA COLLEGE OF TECHNOLOGY
ACH-261/ 2 WEEK PROJECT
PROFESSOR DANIEL BROOKS
AUTODESK REVIT & TWINMOTION

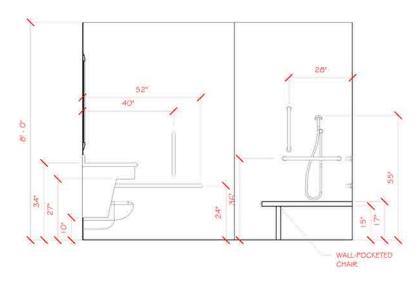


PROJECT DESCRIPTION

A CONTINUATION ON THE MIXED-USE BUILDING INVOLVED AN INDIVIDUAL DESIGN GEARED TOWARDS A WHEELCHAIR BOUND VETERAN INHABITING ONE OF THE TWO APARTMENTS. WE WERE EACH TASKED WITH CREATING OUR OWN LAYOUT FOR THE SPACE, AS WELL AS SHOWCASING KEY ELEMENTS MADE TO ACCOMMODATE FOR THE INHABITANT.

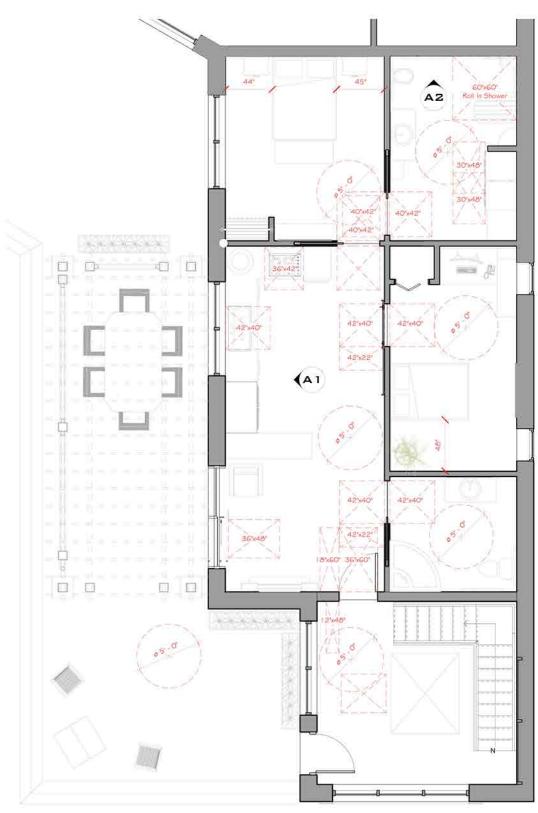


A1 - KITCHEN DETAIL



A2 - BATHROOM DETAIL

ADA CLEARSPACE PLAN



RENDERED FLOOR PLAN & VIEWS





KITCHEN

DESIGN APPROACH

ONE OF MY MAIN GOALS FOR THIS DESIGN WAS TO PROVIDE DAYLIGHTING FOR EACH LIVING SPACES. I ALIGNED EACH SPACE TO BORDER THE PATIO TO DO SO. I WANTED TO FOCUS ON THE EXTERIOR SPACE CREATED BY THE FORM AND OPTED TO DESIGN A WOODEN VERANDA THAT ACTED AS A PRIVACY SCREEN.







COVERED VERANDA



OVERLAP

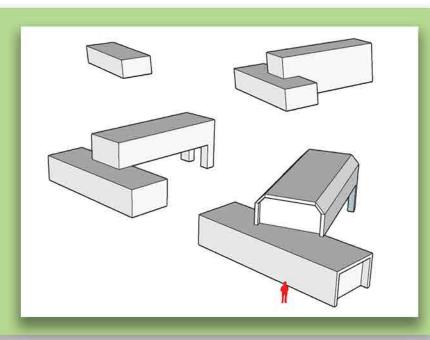


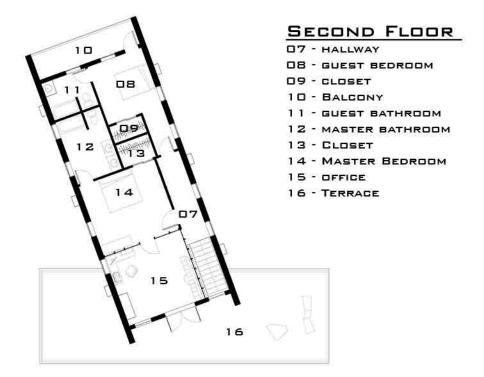
PROJECT DESCRIPTION

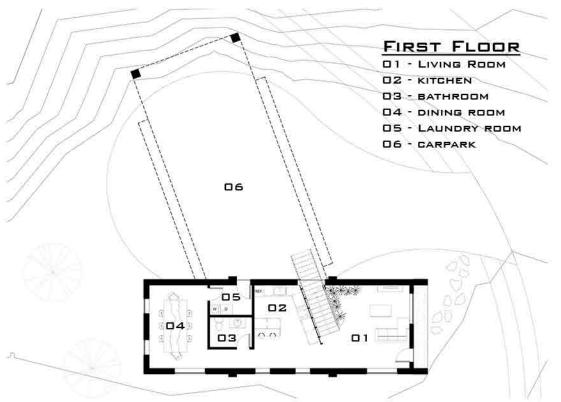
I WAS TASKED WITH CREATING A FAMILY RESIDENCE TO REDEFINE THE EXPECTATIONS OF SUBURBIA. AN EMPHASIS ON SUSTAINABLE DESIGN WAS ALSO TO BE FOLLOWED.

DESIGN APPROACH

I TRIED TO EMULATE THE FORMS OF A FALLEN TREE, DRAWING INSPIRATION FROM THE GROVE THAT THE SITE WAS SITUATED ON.







PRESENTATION MODEL



EASTERN APPROACH

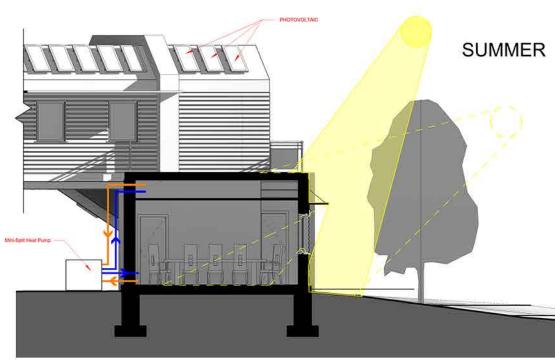


NORTHERN APPROACH



WESTERN APPROACH

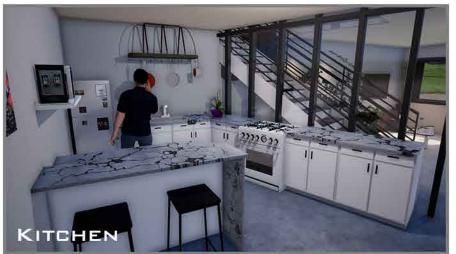




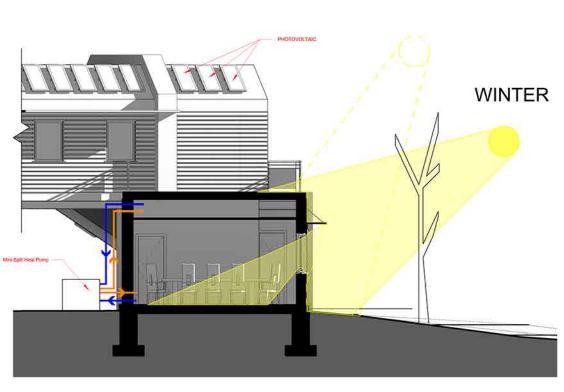
SUMMER SHADING DIAGRAM



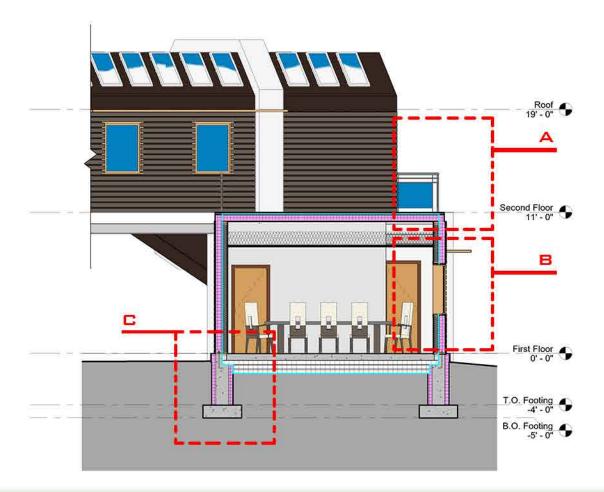


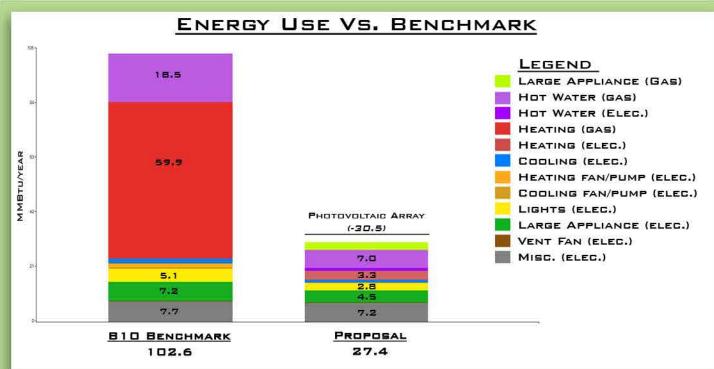






WINTER SHADING DIAGRAM

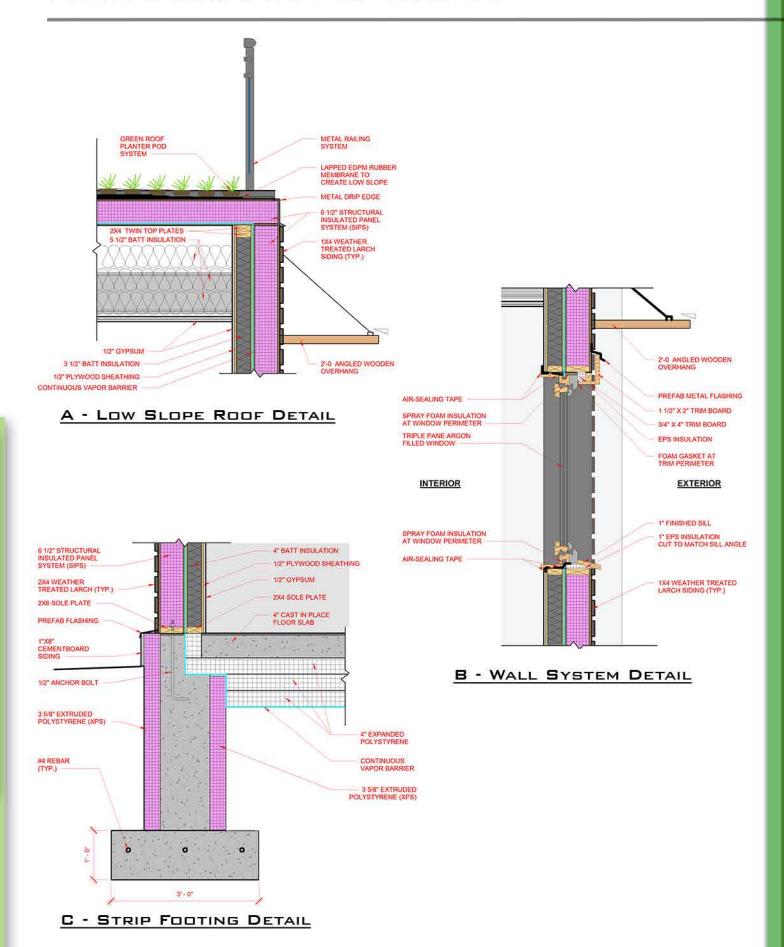




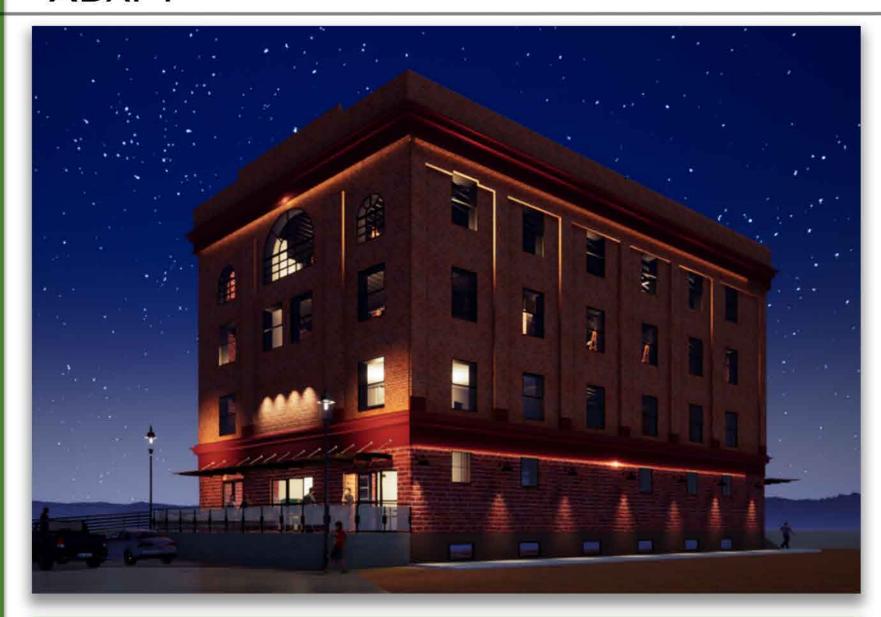
APPROACH TO SUSTAINABILITY

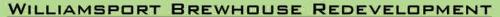
MAIN SUSTAINABLE FEATURES INCLUDE A PHOTOVOLTAIC PANEL ARRAY, STRUCTURAL INSULATED PANEL SYSTEM, GREEN ROOF, MINI-SPLIT HEAT PUMP, RECYCLED WOODEN FACADE, AND EXTERIOR SHADING DEVICES. COLLECTIVELY, THE BUILDING IS PREDICTED TO HAVE NET-POSITIVE ENERGY USE.

SUSTAINABLE DETAILS



ADAPT





PENNSYLVANIA COLLEGE OF TECHNOLOGY

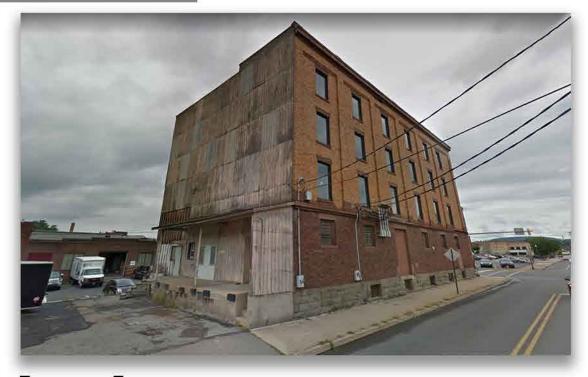
BSD-352/ 4 WEEK PROJECT

PROFESSOR GEOFF CAMPBELL & ROBERT WOZNIAK

AUTODESK REVIT, PHOTOSHOP, TWINMOTION, & DESIGNBUILDER

PROJECT DESCRIPTION

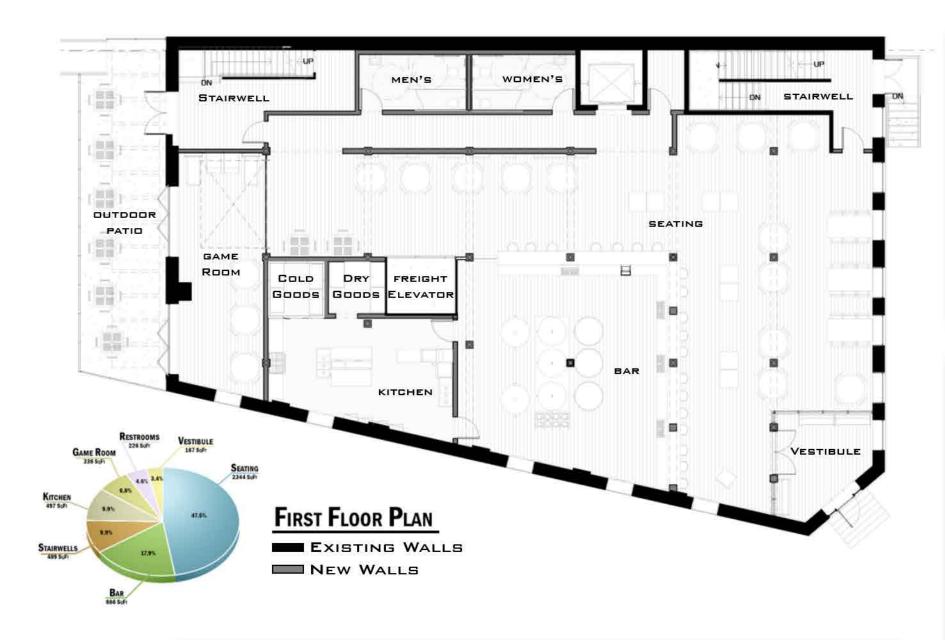
THE BRIEF CALLED FOR AN EXISTING STRUCTURE TO BE REPROPOSED THAT ONCE FUNCTIONED AS A STOREHOUSE FOR A GROCER. WE WERE ABLE TO TOUR THE BUILDING AND MEET WITH THE CLIENT, WHO FURTHER SHOWED INTEREST IN RESERVING THE FOURTH FLOOR AS AN EVENT SPACE, AS WELL AS INTRODUCING A BAR OR BREWERY ON THE FIRST FLOOR.



EXISTING FACADE



EXISTING SECOND FLOOR





THE GOAL THAT I WANTED TO ACHIEVE FOR THIS PROJECT WAS TO CREATE A SPACE FOR YOUNG ADULTS TO BE SOCIAL AT. I ALSO WANTED TO FOCUS ON REUSING AS MUCH AS I COULD. I TOOK ADVANTAGE OF EXISTING CONDITIONS BY REUSING EXISTING STAIRWELLS, ENTRIES, AND FREIGHT ELEVATOR. I REPUROSED WHAT AT ONE TIME WAS A LOADING DOCK AND TURNED IT TO OUTDOOR SEATING.



VIEW OF BAR



FEATURE WALL & LIGHTING



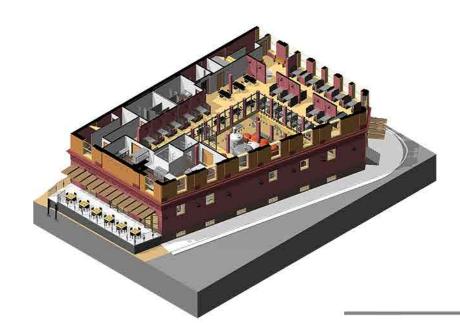


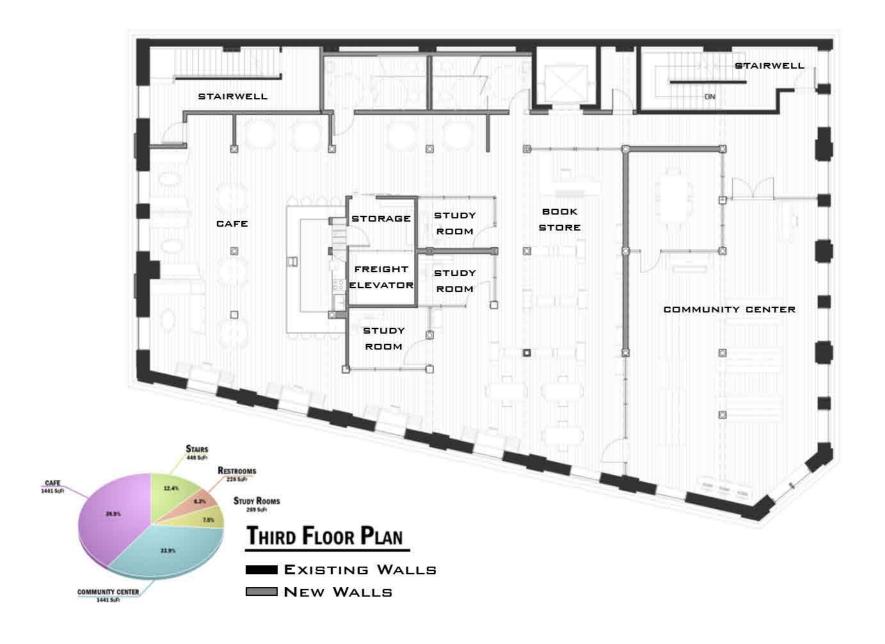


RESTARAUNT



VIEW TO FIRST FLOOR



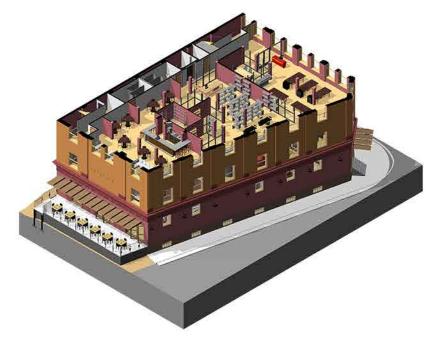


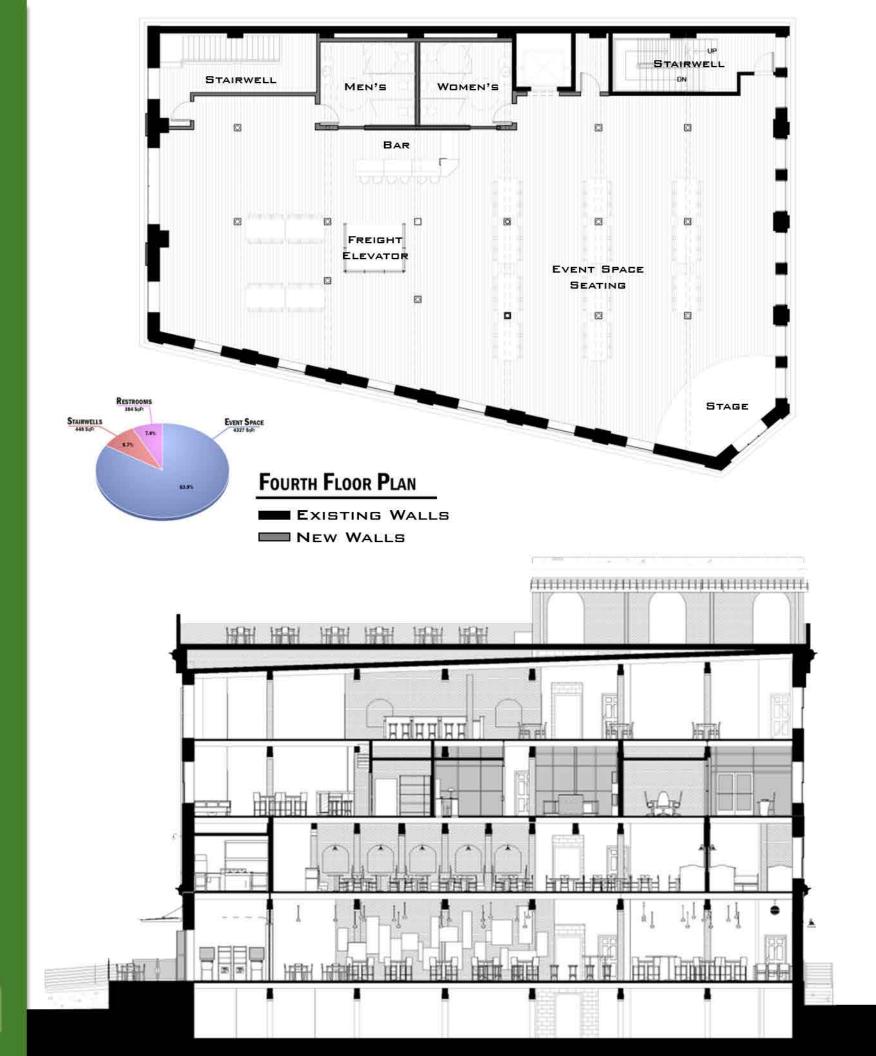


VIEW OF BOOKSTORE



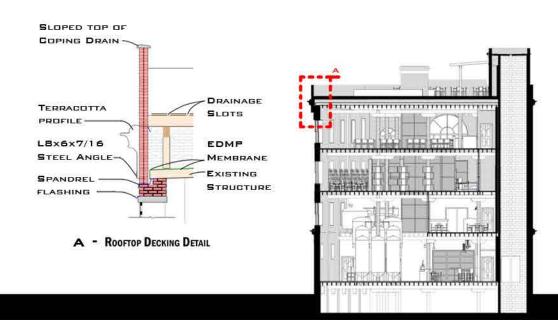
VIEW OF MAKERSPACE



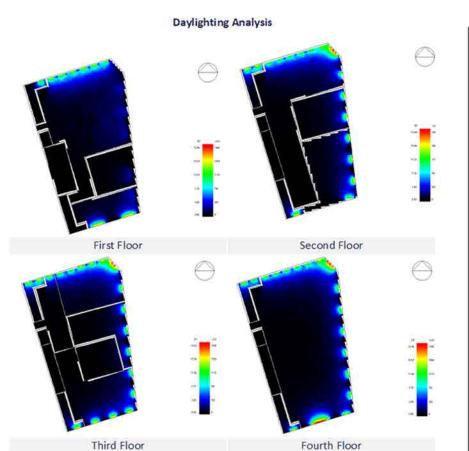


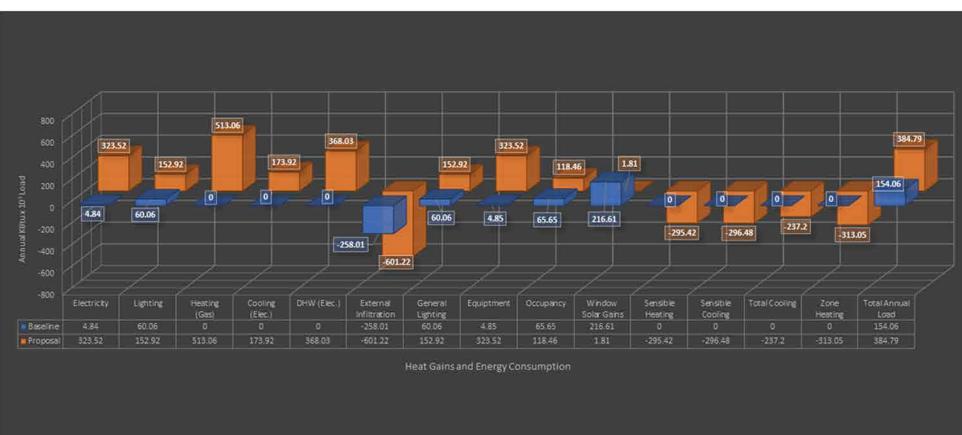


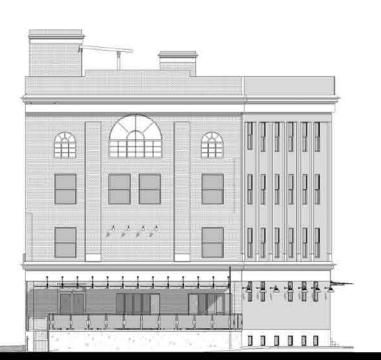
VIEW OF EVENT SPACE

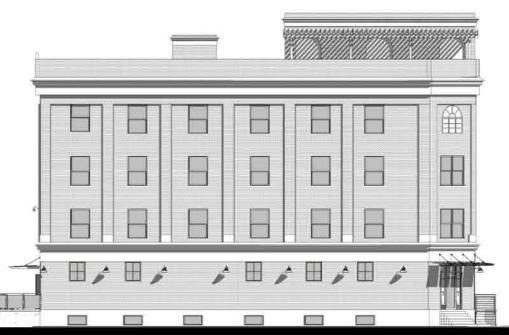














INTERLOCK





PENNSYLVANIA COLLEGE OF TECHNOLOGY

BSD-352/ 8 WEEK PROJECT

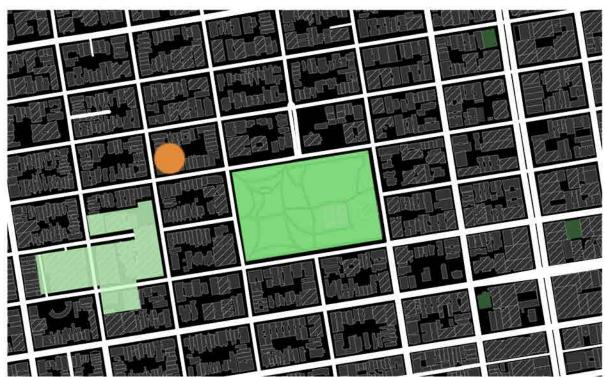
PROFESSOR GEOFF CAMPBELL & ROBERT WOZNIAK

AUTODESK REVIT, PHOTOSHOP, TWINMOTION, & SKETCHUP SEFAIRA

PROJECT DESCRIPTION

THE BRIEF CALLED FOR A PUBLIC HIGH SCHOOL WHICH SPECIALIZED IN ART TO BE DESIGNED IN SAN-FRANCISCO, CALIFORNIA. WITH THE SCHOOL'S SPECIALIZATION, THE PROGRAM REQUIRED A GALLERY, FASHION DESIGN ROOM, MAKERSPACE, ART ROOM, AND ARCHITECTURE STUDIO. THE BUILDING WAS SLATED TO SERVICE 7-12TH GRADE, EACH PREDICTING A LOAD OF 90 STUDENTS PER GRADE LEVEL.





CONCEPT WORDS & MODELS





A STUDY OF LIGHT

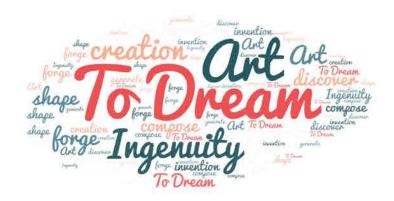
THIS CONCEPT STEMS FROM THE LEARNING PROCESS.

IN AN ACADEMIC ENVIRONMENT, STUDENTS ARE EXPOSED

TO EXISTING WORK AND DRAW CONCUSIONS FROM

THE WORLD AROUND THEM. FOCUSES ON MATERIALITY

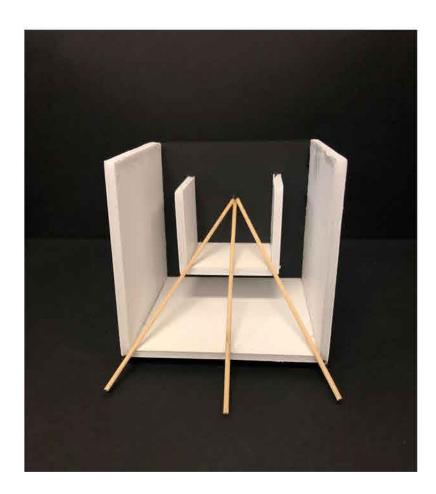
AND DEMI-TRANSPARENCY.



VISUALISING CAPTIVITY

REPRESENTING THE FRAMEWORK OF WHICH IDEAS ARE CREATED WITHIN. CREATIVITY IS SEEN EXPLODING BEOND THE ORIGIONAL FRAMEWORK AS IT CASCADES AND GROWS. FOCUSES INCLUDE FRAMING OBJECTS AND SHAPES WITHIN SHAPES.







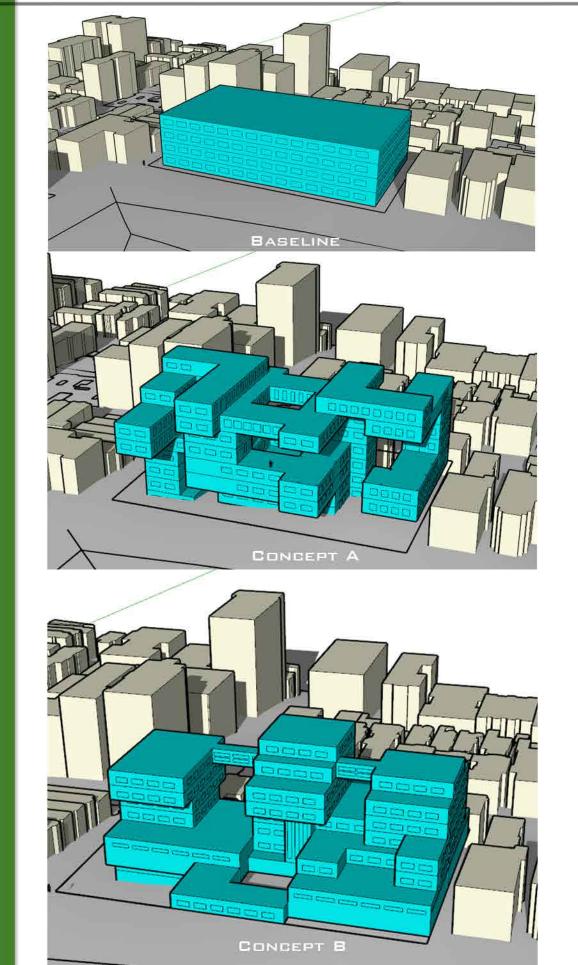
OVERGROWTH

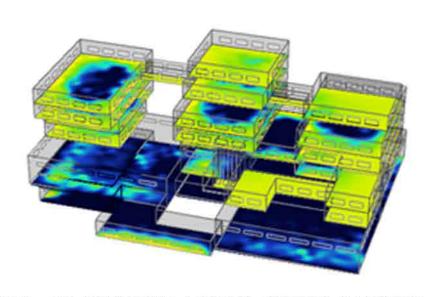
IN AN URBAN ENVIROMENT NATURE TENDS TO FIND WAYS TO ENVELOPE THE BUILT ENVIROMENT.

THIS MODEL DEPICTS THIS SLANTED PLANE MADE OF THREE ELEMENTS EXPANDING INTO A VERY RECTALINIAR OBJECT. FOCUSES

OF THIS OBJECT INCLUDE A SHAPE WITHIN A SHAPE AND COMPRESSION TO EXPANSION.

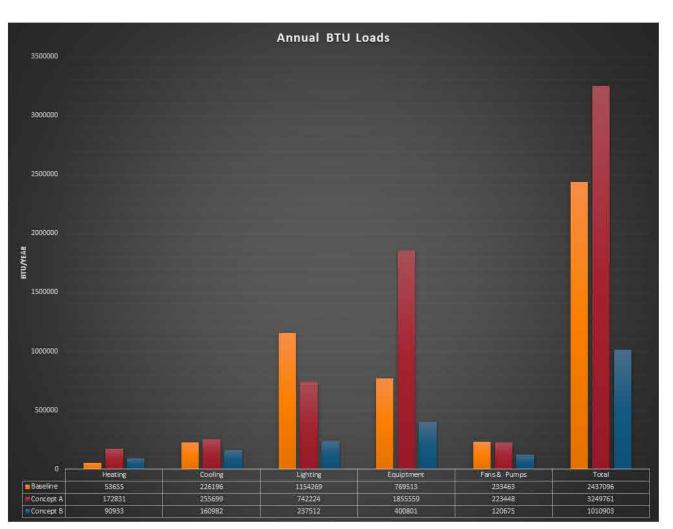
ENERGY BENCHMARKING





PERCENTAGE OF OCCUPIED HOURS WHERE ILLUMINANCE IS AT LEAST 37 FOOT-CANDLES, MEASURED AT 2' - 10" ABOVE THE FLOOR PLATE.





STACK DIAGRAM

- CIRCULATION

- CLASSROOMS

- LIBRARY

- ADMINISTRATION - AUDITORIUM

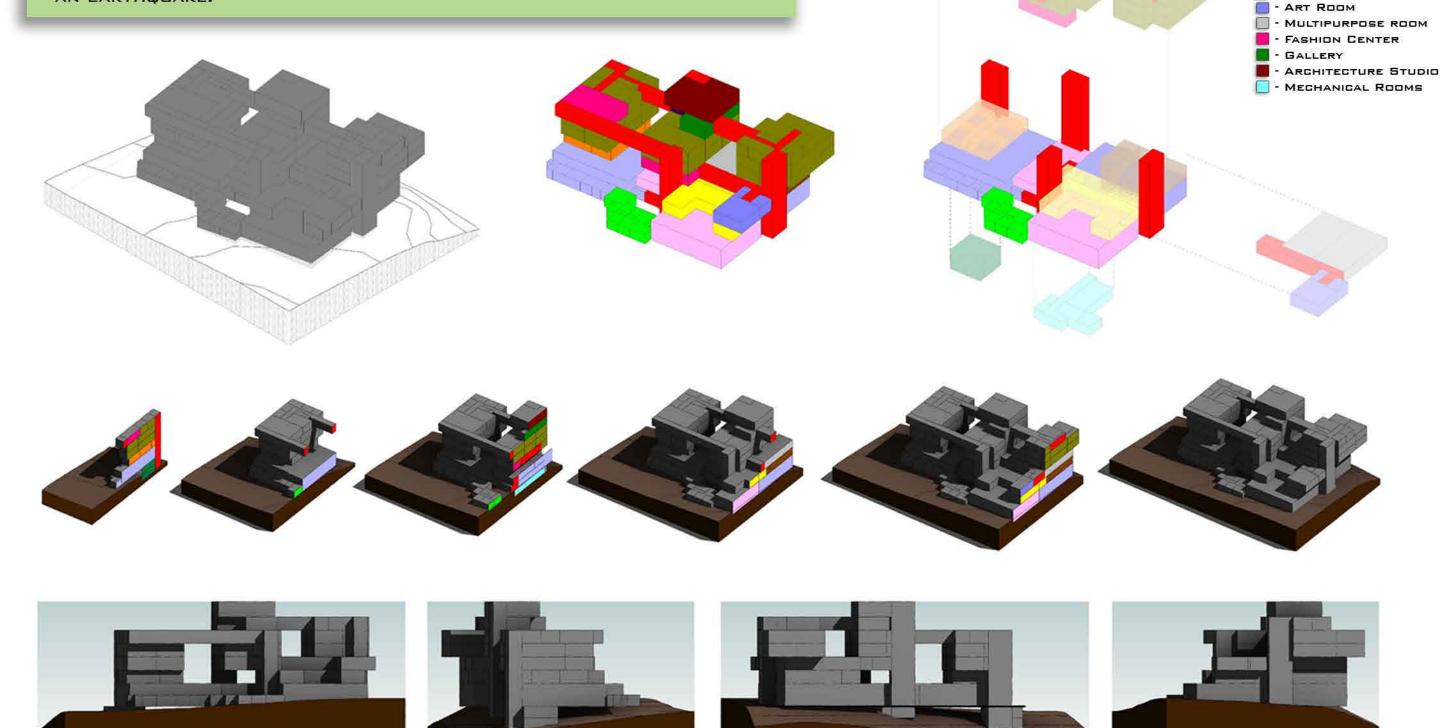
- RESOURCE CENTER

- DAYGARE CENTER

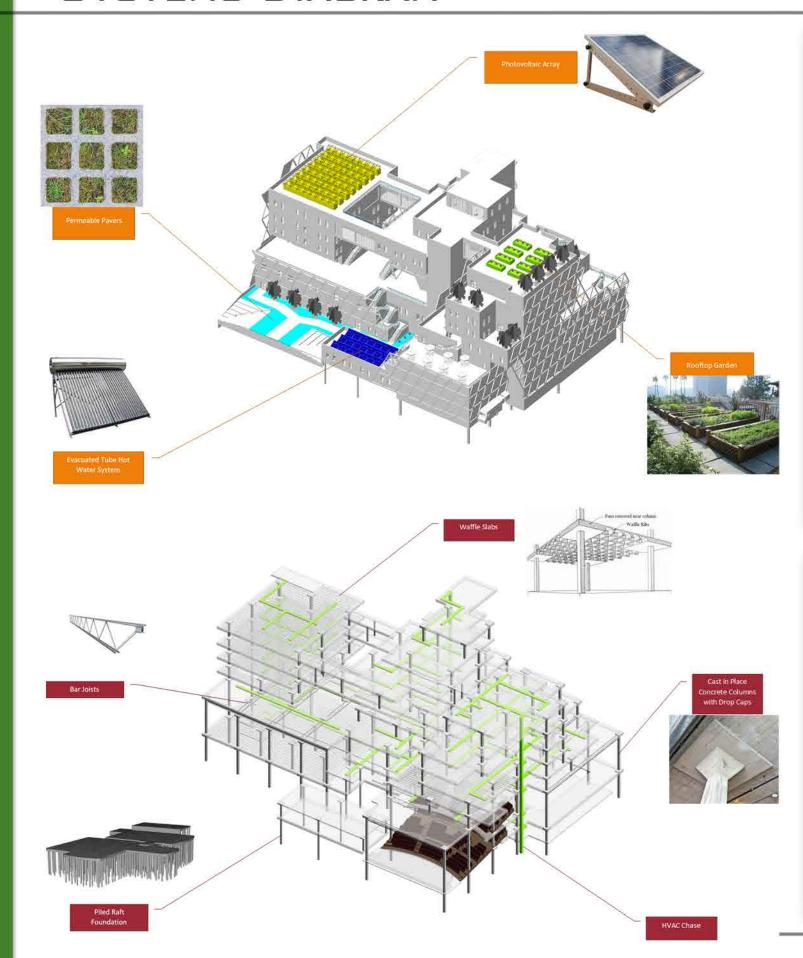
- ATHLETICS

DESIGN APPROACH

AFTER GENERATING A FEW CONCEPT MODELS, I TRIED TO RECREATE THE SAME EMOTIONS THAT I FELT WHEN OBSERVING THEM INTO A BUILDING FORM. UTALIZING THE DIFFERENCES IN USE GROUPS, I STACKED VARIOUS BLOCKS AND BRIDGED CONNECTIONS BETWEEN THEM. THE CLIMATE OF THE REGION IS SUITABLE FOR EXTERIOR CIRCULATION. I ALSO KNEW THAT I WANTED TO ENCASE THE STRUCTURE WITH A DIAGRID SYSTEM TO HELP IN THE EVENT OF AN EARTHQUAKE.



SYSTEMS DIAGRAM





APPROACH TO SUSTIANABILITY

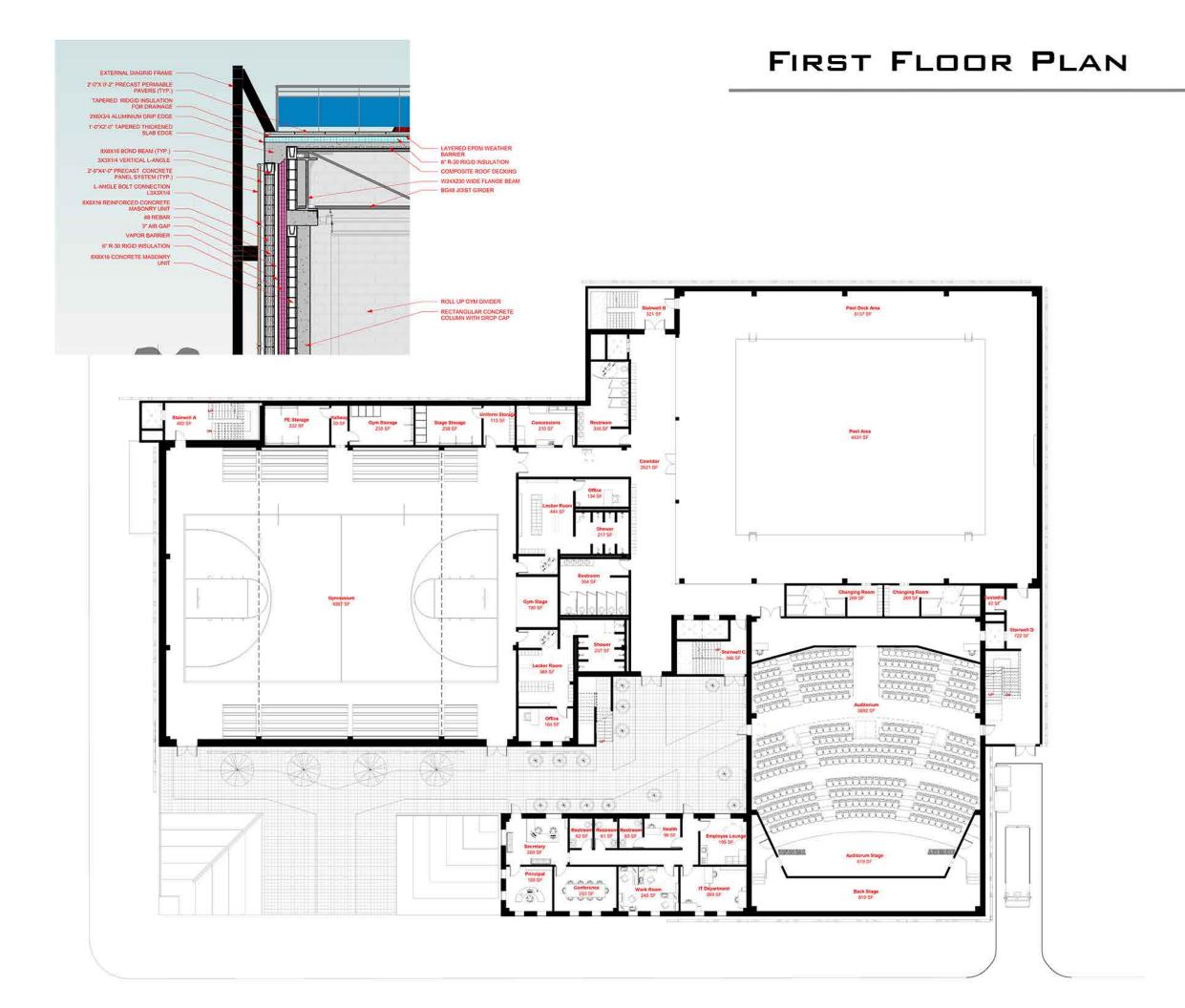
BUILDING SYSTEMS THAT HAVE A POSITIVE IMPACT ON THE BUILDINGS ENERGY LOAD INCLUDE:

- SOLAR HOT WATER SYSTEM FOR THE POOL
- PHOTOVOLTAIC PANEL SYSTEM
- LOW E WINDOWS
- ROOFTOP GARDEN

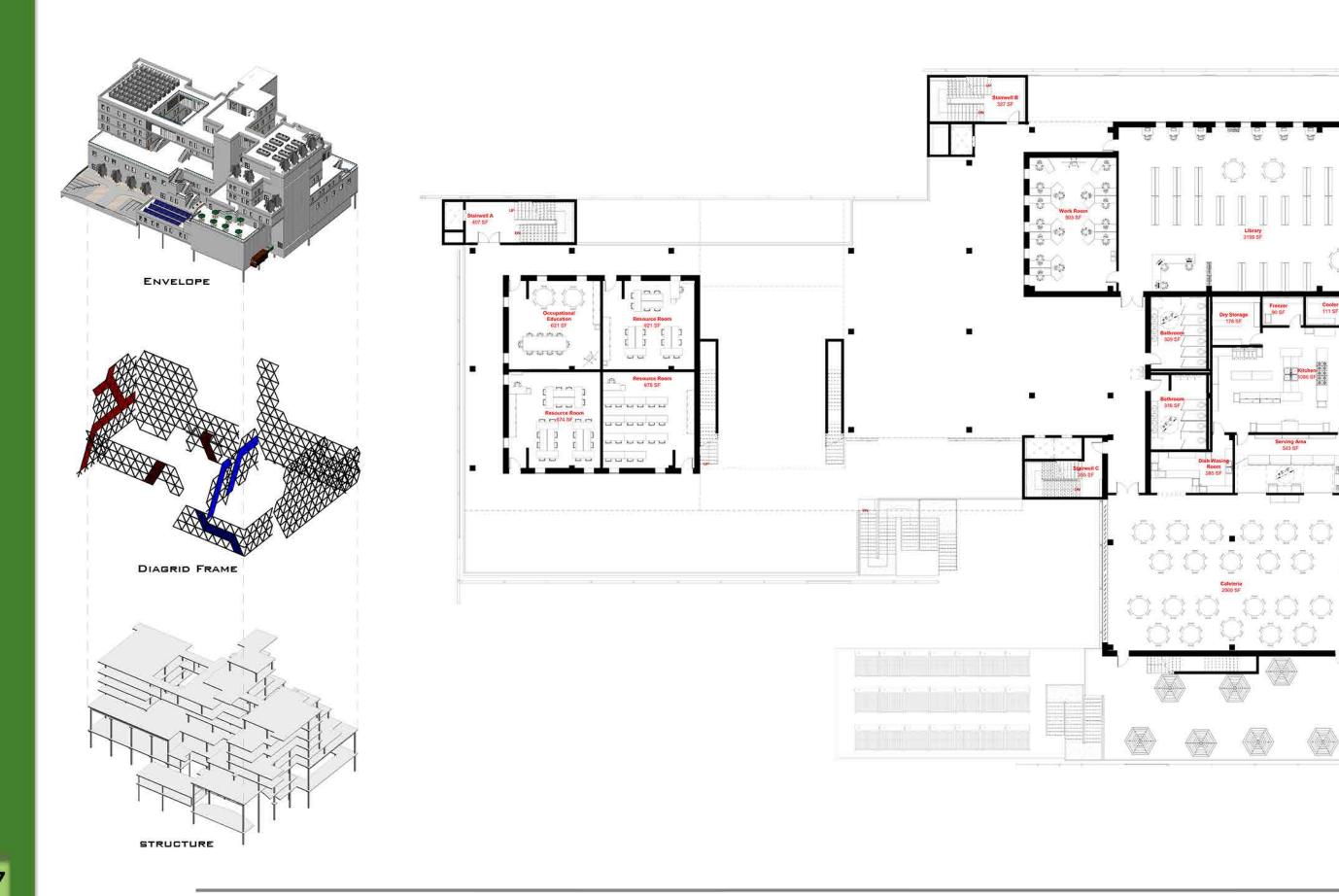
APPROACH TO STRUCTRE

THE STRUCTURAL SYSTEMS OF THE BUILDING INCLUDE:

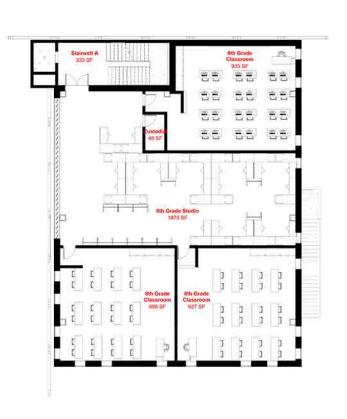
- CAST IN PLACE COLUMNS
- WAFFLE SLABS
- PILED RAFT FOUNDATIONS
- BAR JOIST
- DIAGRID EXTERIOR FRAME



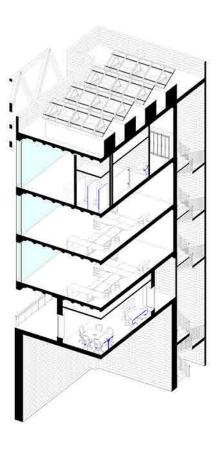
THIRD FLOOR PLAN

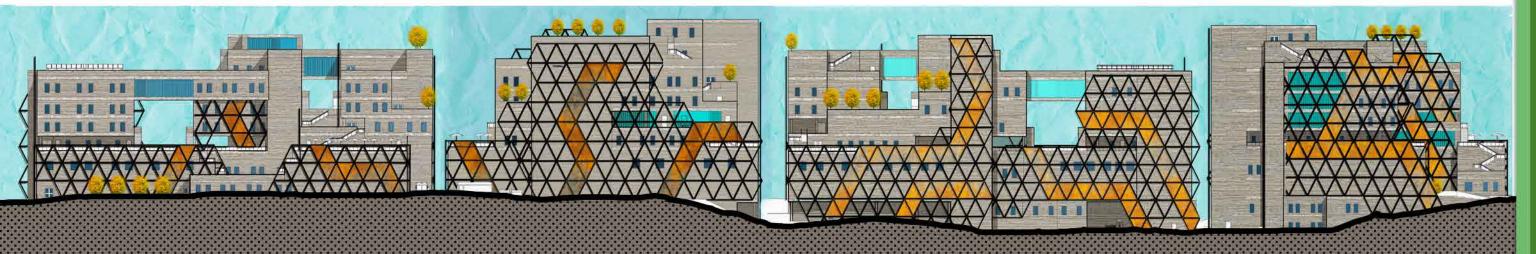


FIFTH FLOOR PLAN









STACK





LA VACA LOCA RESTARAUNT

PENNSYLVANIA COLLEGE OF TECHNOLOGY

ACH-432/ 4 WEEK PROJECT

PROFESSOR DORTHY GERRING

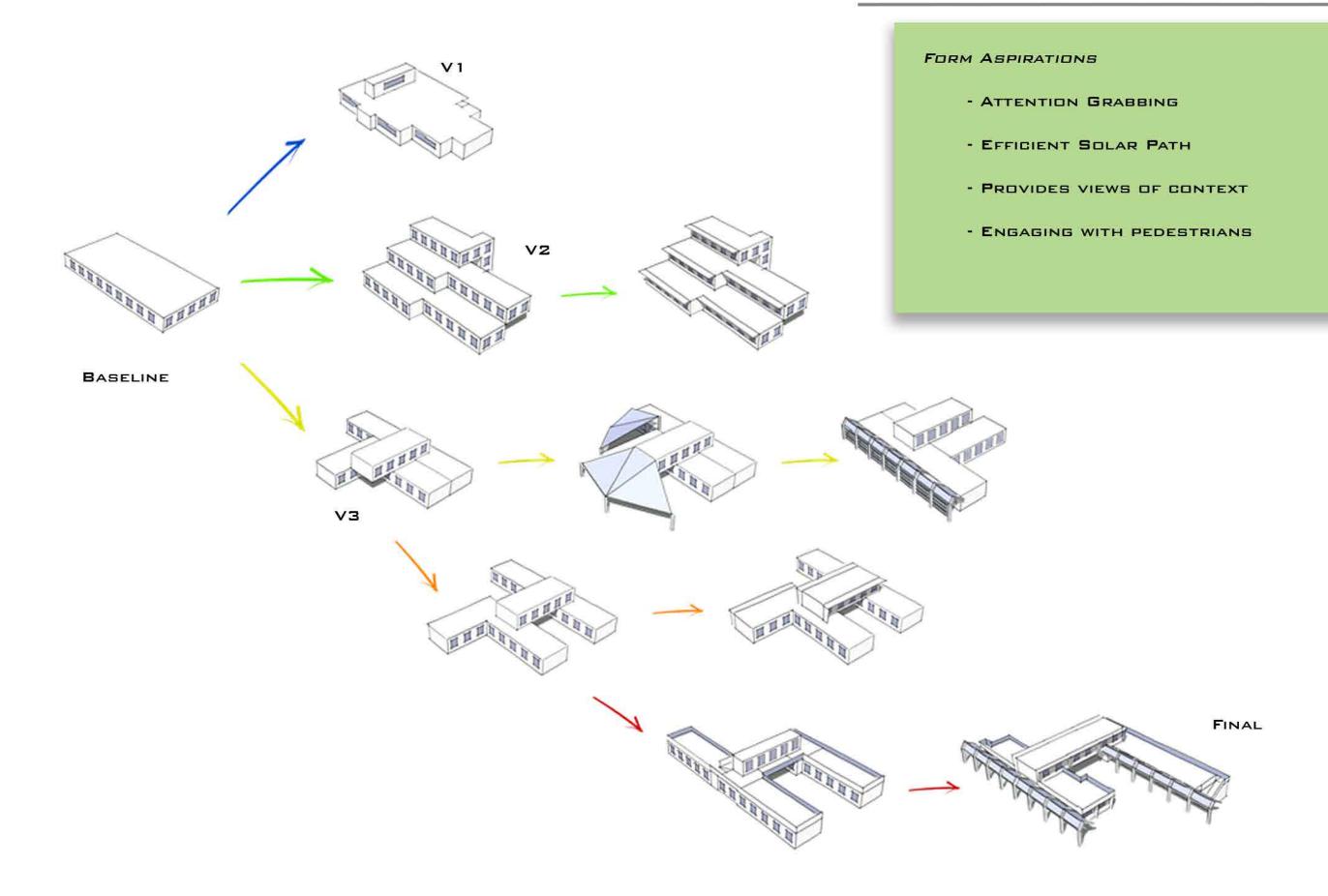
AUTODESK REVIT, TWINMOTION, ADOBE PHOTOSHOP, SKETCHUP SEFAIRA

PROJECT DESCRIPTION

THIS PROJECT IS LOCATED IN BUENOS AIRES, ARGENTINA. I WAS TASKED WITH CREATING AN INVITING EATERY ALONG A WELL-TRAVELED CANAL CLOSE TO THE CENTER OF THE CITY. THE DESIGN HARKS BACK TO THE SITE'S FORMER LIFE AS A DOCKYARD, UTILIZING RECYCLED SHIPPING CONTAINERS AS THE MAIN BUILDING BLOCK THROUGHOUT THE STRUCTURE.



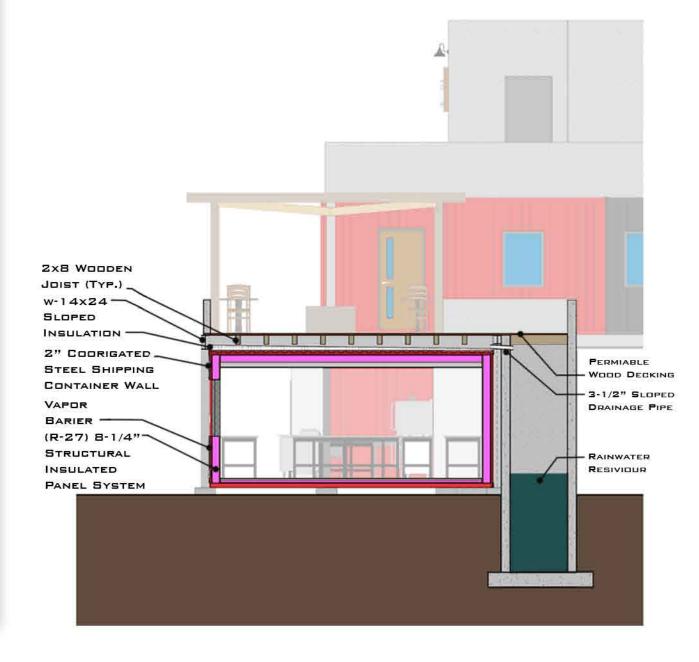
CONCEPT DEVELOPMENT

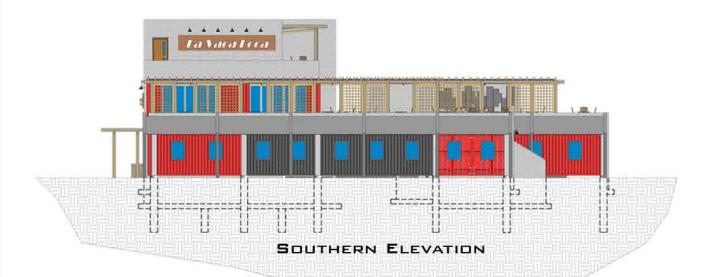


ELEVATIONS, SECTION, & RENDERINGS



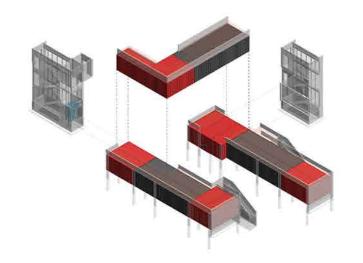








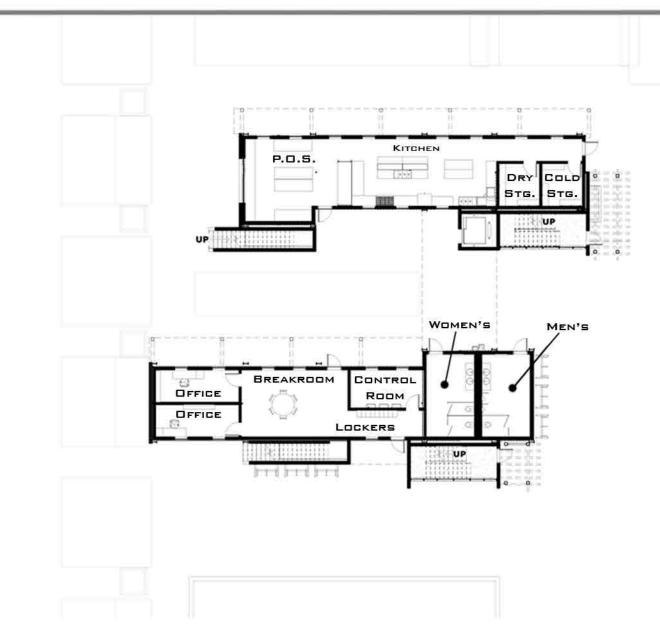
FIRST FLOOR PLAN, ELEVATIONS & DIAGRAM

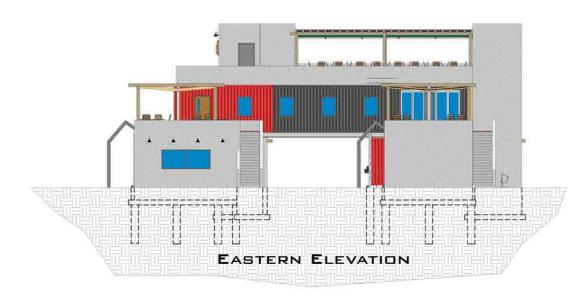


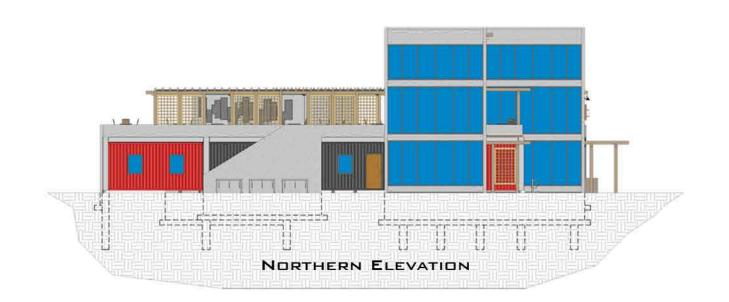
STACK DIAGRAM



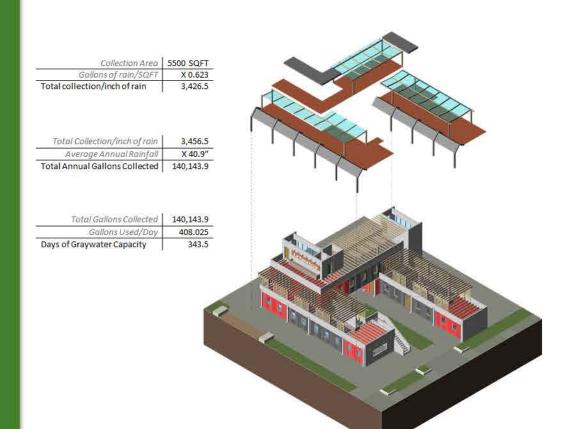






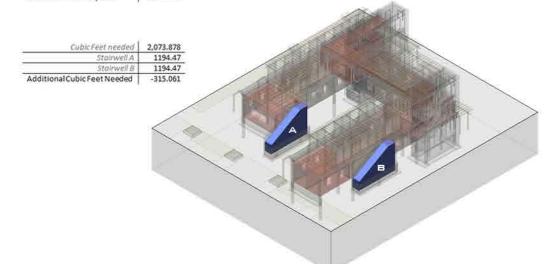


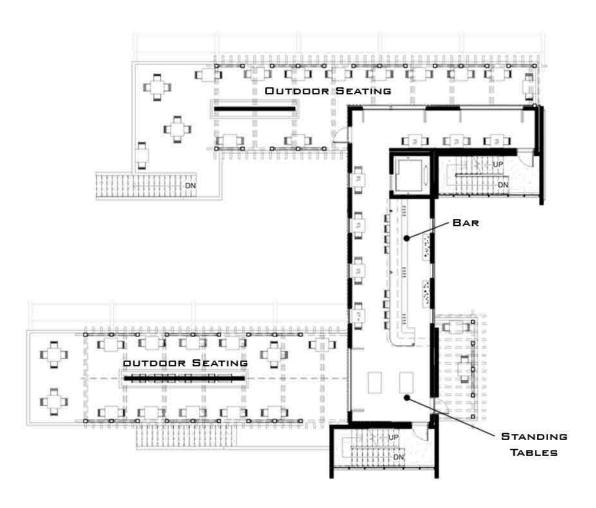
SECOND FLOOR PLAN & RAINWATER COLLECTION



Collection Area	5500 SQFT
Gallons of rain/SQFT	X 0.623
Highest rainfall in month	X 4.528"
Number of Gallons to store	11,513.68

Number of gallons to store	11,513.68
Gallons per cubic foot	X 7.48052
Total Cubic Feet required	2073.878







COVERED OUTDOOR DINING

VIEW OF BAR

THIRD FLOOR PLAN, DIAGRAMS, & RENDERINGS



PV Array Watts Needed	31,981
Panel STC Watt Rating	165
Minimum Panels Needed	195
Minimum Panels Needed	195

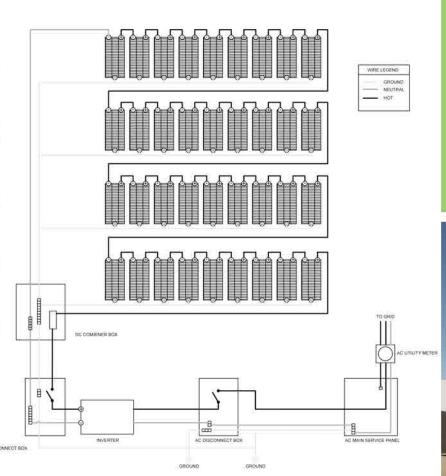
36	Max Panels Per String
5.416	Calc.
6	Minimum Strings Needed

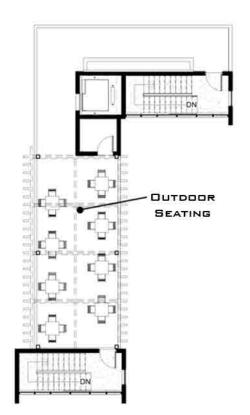
WILLY CHIES FELS	crinig.	A30
Actual Panel Count		216

Max Watts Inverter Must Pass	7,992
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Max Watts Inverter Passes

String To Inverter Loads

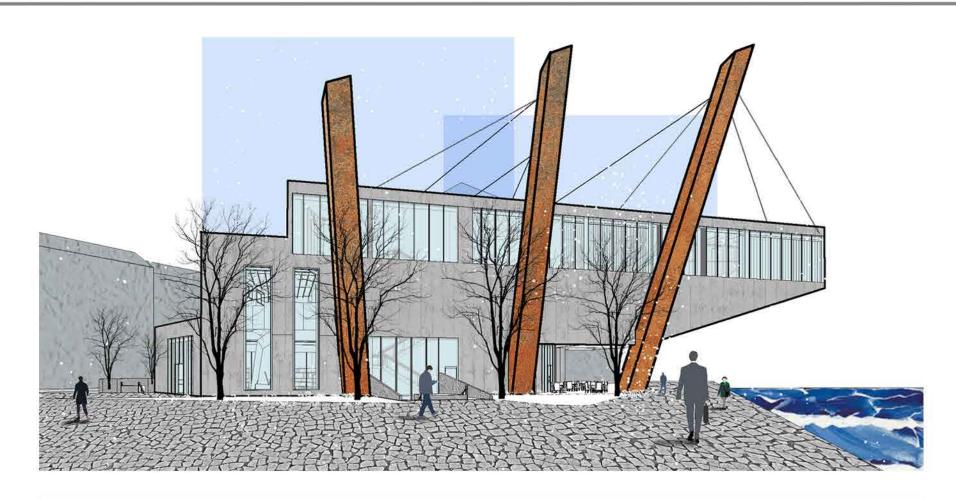






ROOFTOP DINING VIEW

UPLIFT





COMMUNITY HUB & MUSEUM

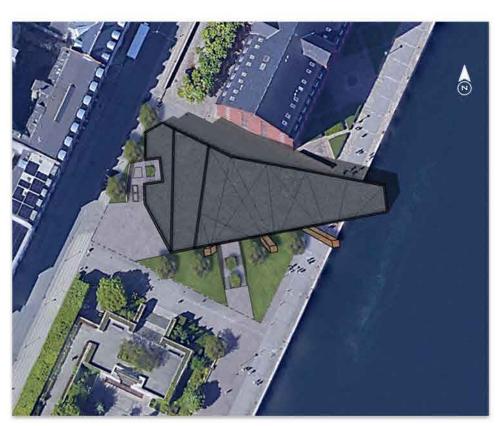
PENNSYLVANIA COLLEGE OF TECHNOLOGY
ACH-332/ 6 WEEK PROJECT
PROFESSOR NAIM JABBOUR
AUTODESK REVIT, SEFAIRA & PHOTOSHOP

PROJECT DESCRIPTION

THE BRIEF CALLED FOR A MUSEUM AND ARCHITECTURAL CENTER FOUND ALONG THE CANALS OF COPENHAGEN, DENMARK. THE BUILDING CONSISTS OF A LEARNING CENTER, EXIBIT SPACE, AND CAFE.

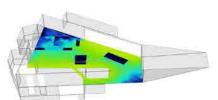


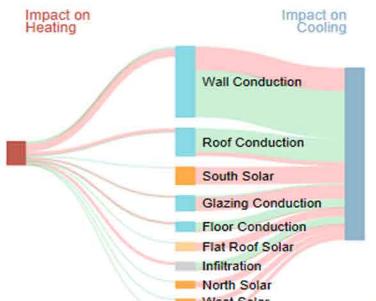
CONCEPT MODEL

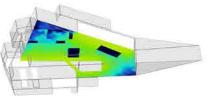


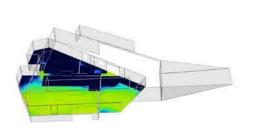
Total Floor Area

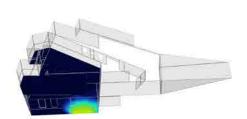
kBTU/ft²/yr







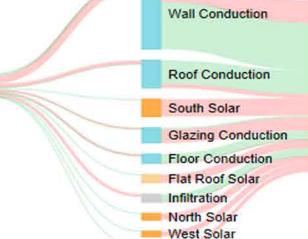




28,143

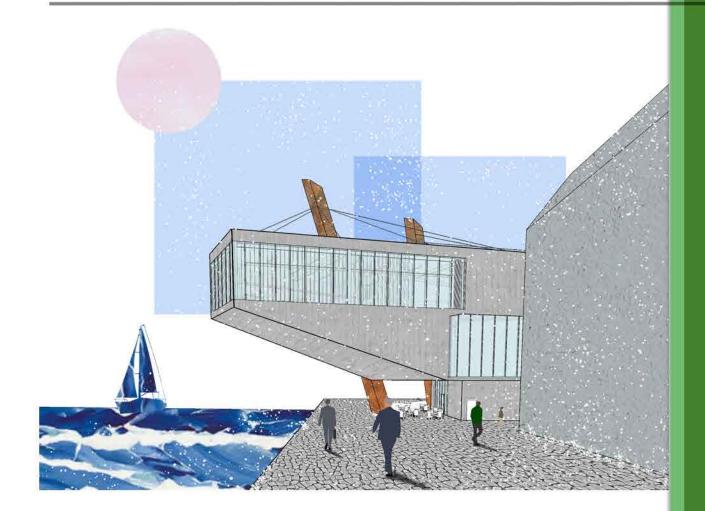






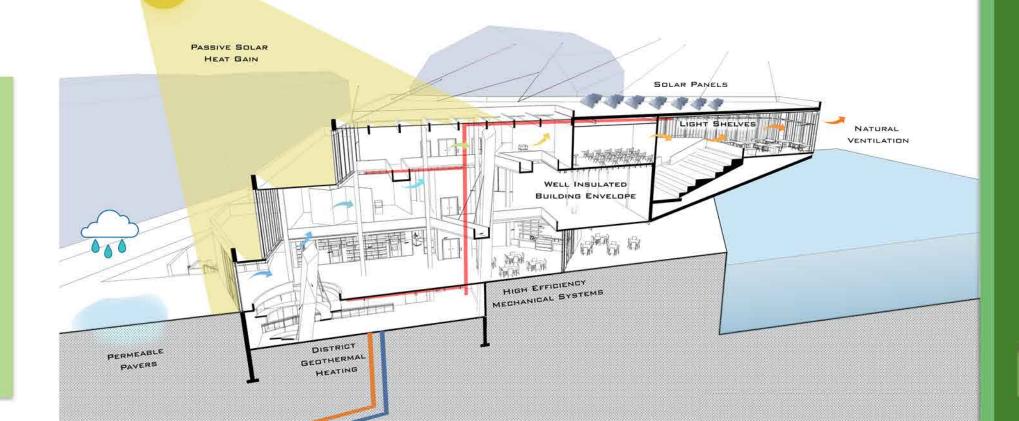
East Solar

ENERGY ANALYSIS

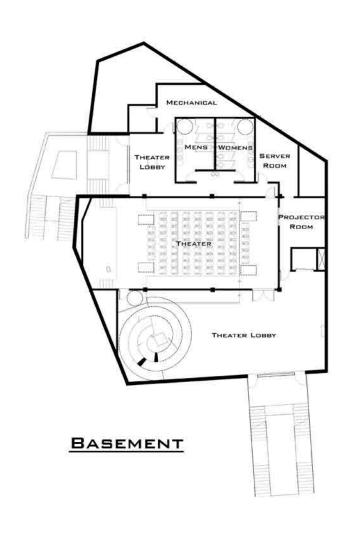


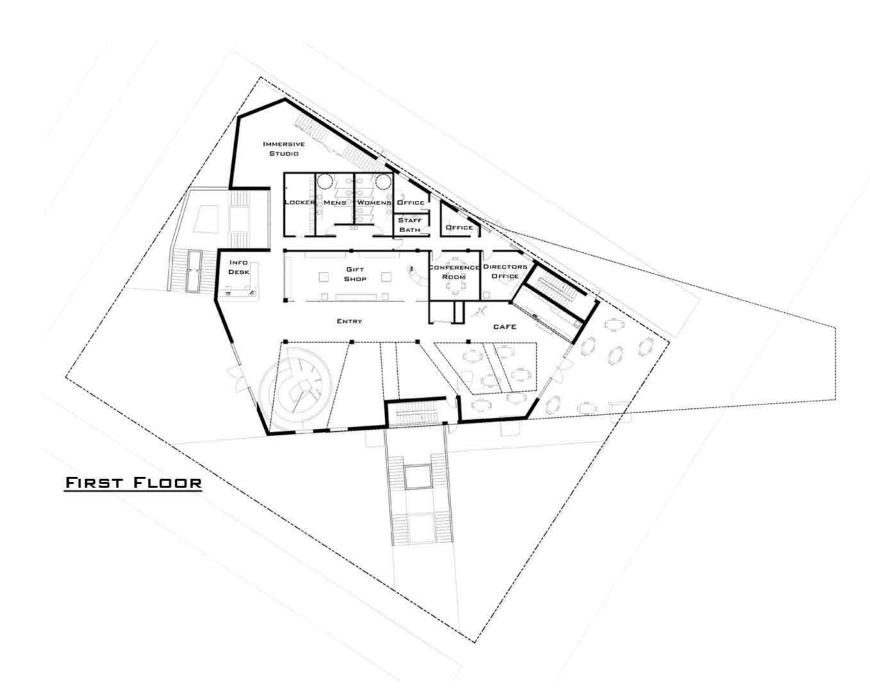
DESIGN APPROACH

COPENHAGEN AS A CITY IS STEEPED IN RICH CULTURE AND HISTORY. TAPPING INTO THE SURROUNDINGS AND ITS PAST LEAD ME TO DEVELOP A FORM THAT EMULATED A SHIP CRESTING OVER WAVES. I ALSO WAS INTERESTED IN OVERHANGING THE CANAL, AND TO DO SO I UTILIZED STRUCTURAL MASTS THAT ACT SIMILARLY TO HOW SUSPENSION BRIDGES HOLD UP SPANS OF ROAD.



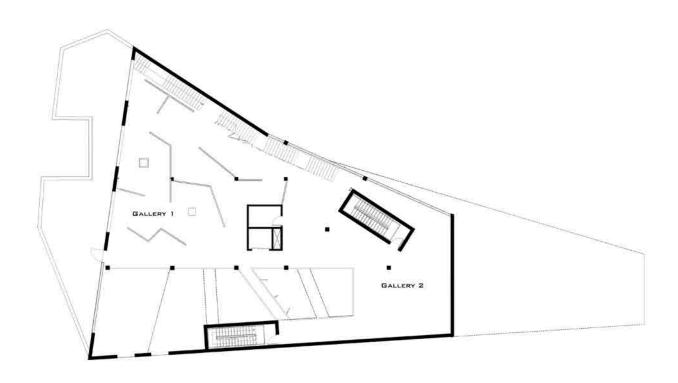
PLANS & ELEVATIONS

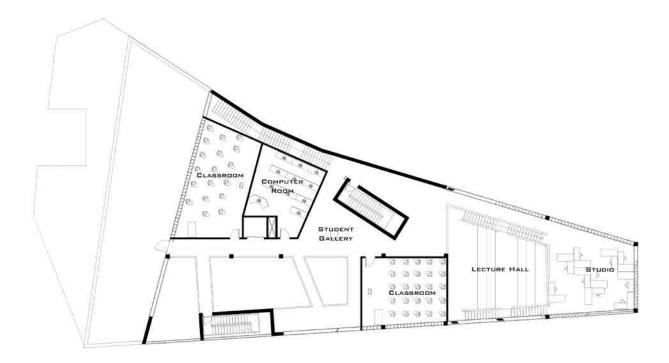






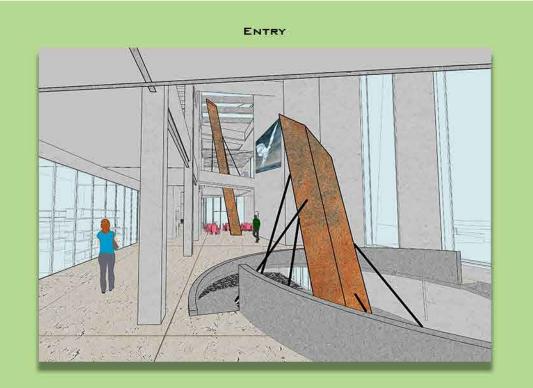
PLANS & RENDERINGS

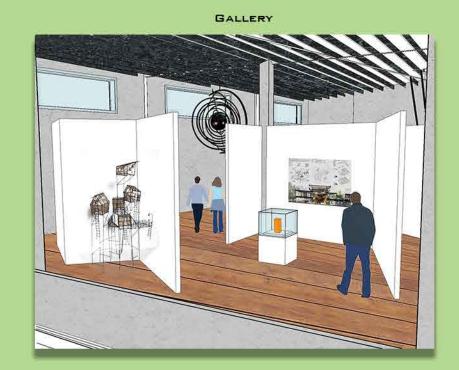




SECOND FLOOR

FIRST FLOOR







PIERCE









RESORT & MENAGERIE

PENNSYLVANIA COLLEGE

OF TECHNOLOGY

ACH-261/ 8 WEEK PROJECT

PROFESSOR DORTHY GERRING

AUTODESK REVIT, SEFAIRA,

TWINMOTION, & PHOTOSHOP

PROJECT DESCRIPTION

THE BRIEF FOR THIS PROJECT CALLED FOR A 250 ROOM RESORT FOUND IN THE MARINA BAY REGION OF SINGAPORE. WE WERE ALSO TASKED WITH INCLUDING A ZOO AND AQUARIUM WITHIN THE COMPLEX TO HELP DRAW MORE TENANTS INTO THE STRUCTURE.





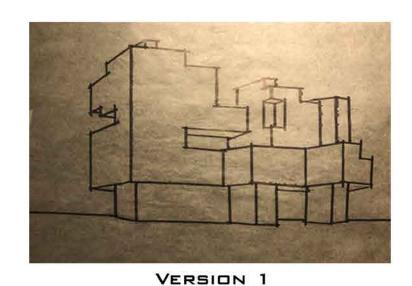


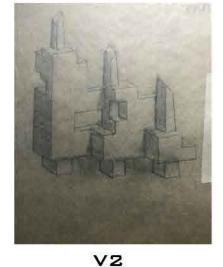
CONCEPT DEVELOPMENT

CONCEPT DEVELOPMENT

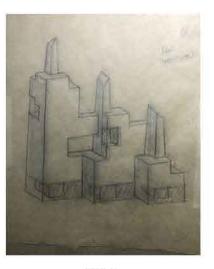
I WAS INSPIRED BY THE NATURAL LANDMARKS OF THE REGION AND TRIED TO TRANSLATE IDEAS OF LAYERING, MONOLITHIC, PIERCING, AND PARTIAL TRANSPARENCY TO THE FORM. THROUGH MY DESIGN ITERATIONS, I EXPLORED HOW THE FACADE TREATMENT OF THE CHANGED THE EMOTIONS THE FORM EXPRESSED. DECIDING TO INTEGRATE PLANTER BOXES ON THE EXTERIOR THE BUILDING REMINDED ME OF THE LAYERING OF TREES THAT CAN BE SEEN ON MOUNTAINS.











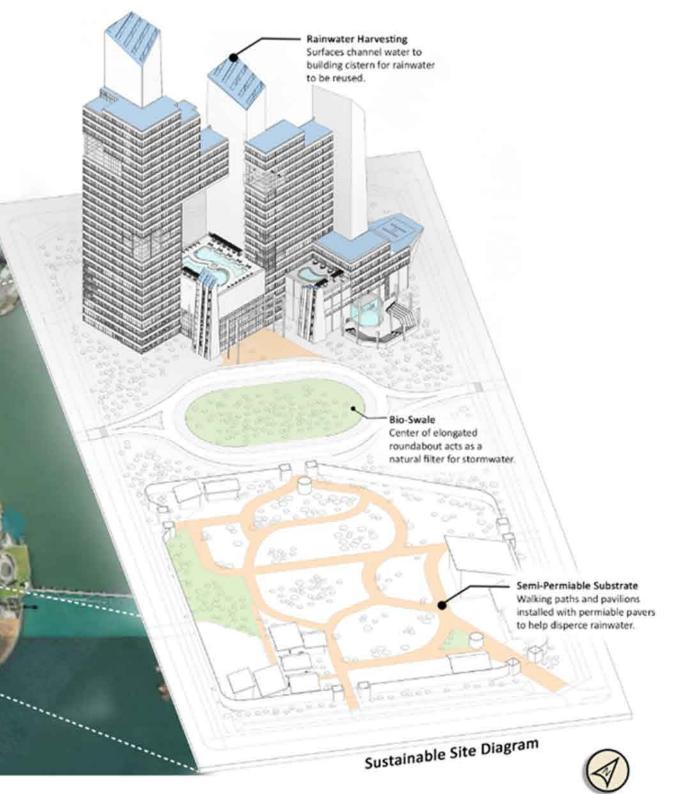
V4

OVERVIEW

SORROUNDING CONTEXT

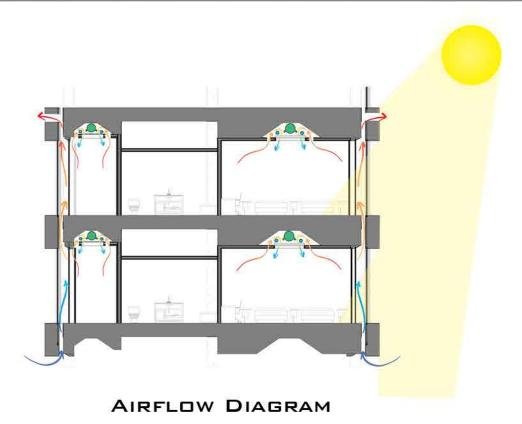
THE SITE (SEE [1] BELOW) IS SITUATED AT THE CENTER OF A MAN-MADE PIER JUST SOUTH OF AN EXISTING BUSINESS DISTRICT IN SINGAPORE. LAND WITHIN THE REGION IS SLATED TO BE DEVELOPED INTO A LEISURE DISTRICT, CONSISTING MAINLY OF RESORTS AND PUBLIC PARKS. THE PIER IS CURRENTLY UNDER CONSTRUCTION, AND WILL LATER BE HOST TO A CANAL ENDING AT A MAN-MADE LAKE (SEE [2] BELOW).

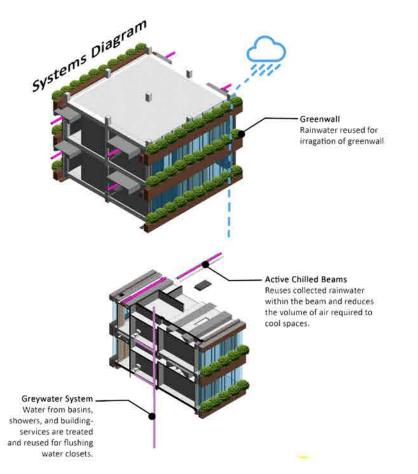
TO THE EAST LIES THE GARDENS BY THE BAY DISTRICT (SEE [3] BELOW). THE COMPLEXT CONSISTS OF AN ASSORTMENT OF COMMUNITY WATERFRONT PARKS. A TRANSPORT HUB IS ALSO SLATED TO BE CONSTRUCTED CONNECTING THE PIER TO SINGAPORE'S NEW MASS RAPID TRANSIT SYSTEM (SEE [4] BELOW). SOUTHWEST OF THE PROPOSED PROJECT, A CRUISE LINE DOCK CAN BE FOUND (SEE [5] BELOW)

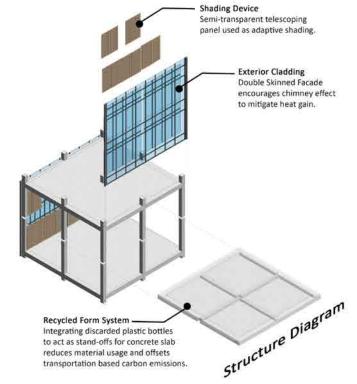


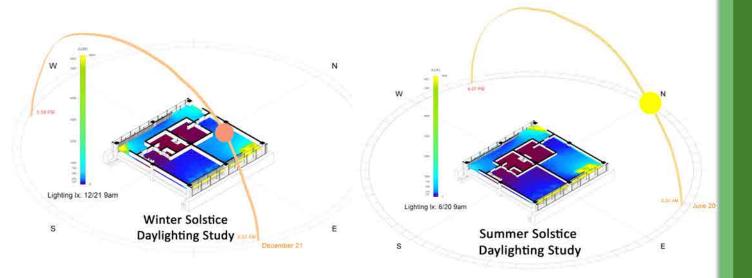
Fitness Center Auditorium Business Center Center Control Cont

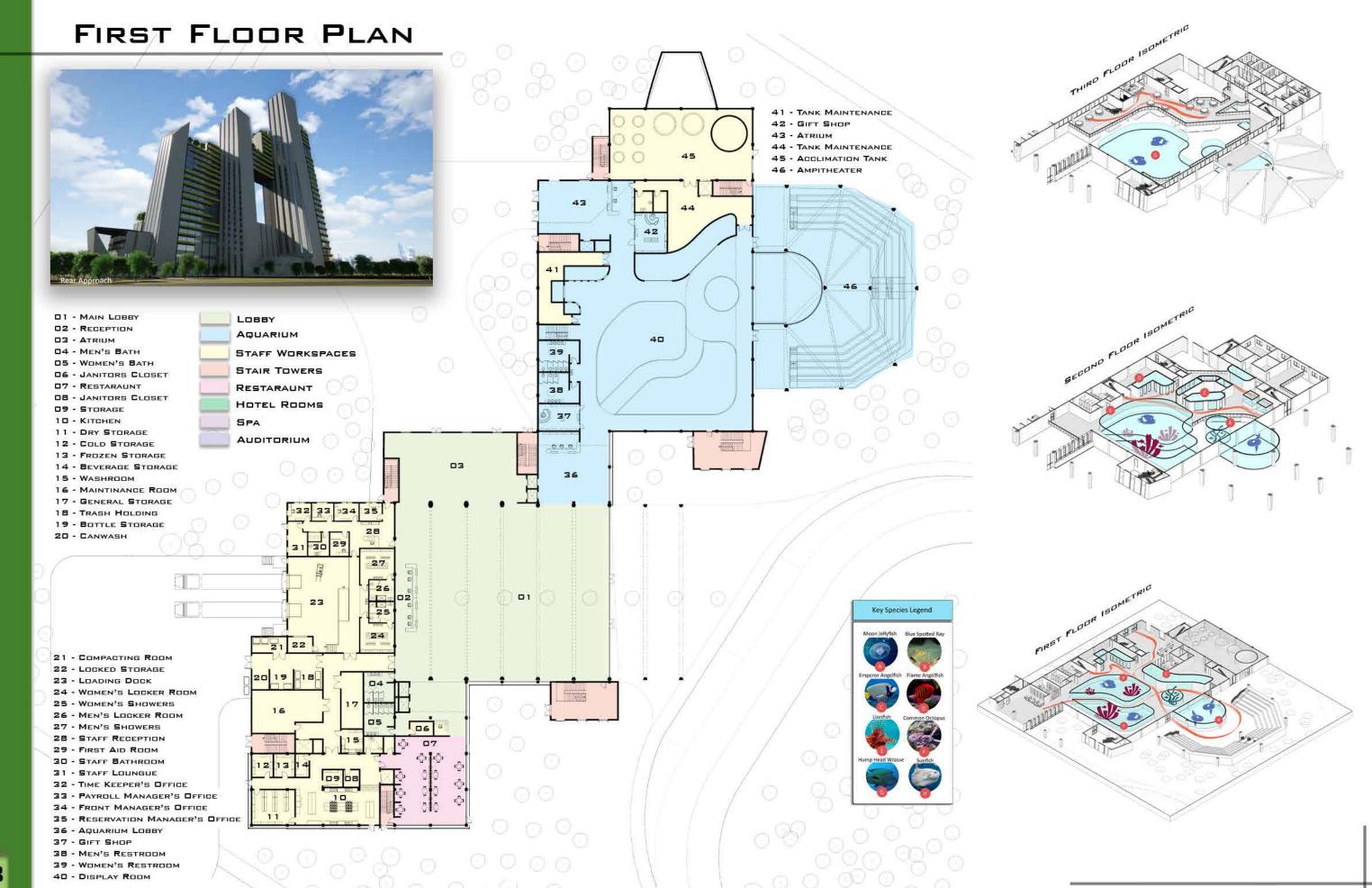
DIAGRAMS



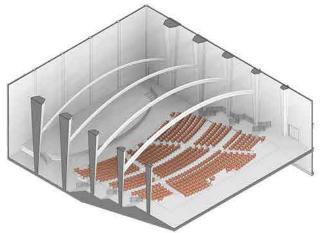




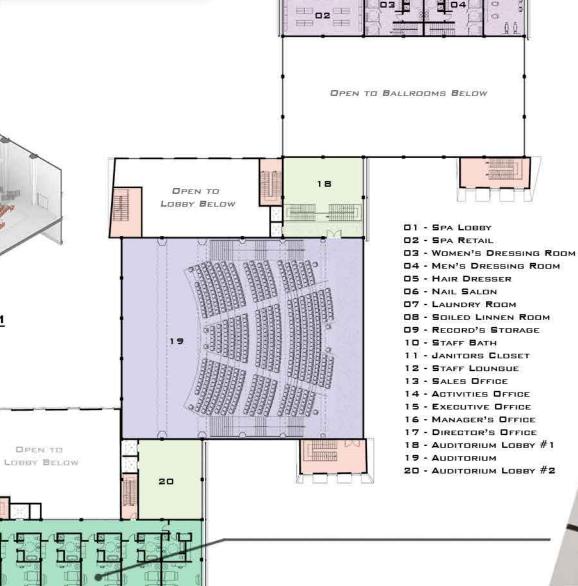




VIEW FROM DOUBLE-DOUBLE SUITE



AUDITORIUM DIAGRAM



OPEN TO

LOBBY BELOW

FLOOR PLANS & DIAGRAM





FIFTH FLOOR PLAN

DPEN 3D

TYPICAL SUITES FLOOR PLAN









VIEW INTO LEMUR EXIBIT





ZOO LAYOUT & RENDERINGS



ZOO DESIGN APPROACH

I DECIDED TO DELEGATE TWO-THIRDS OF THE SITE TO THE ZOO. BETWEEN THE RESORT AND THE ZOO, A ROUND-ABOUT CAN BE FOUND WITH BUS DROP OFF ZONES ON EITHER END. I WANTED TO HAVE A MULTITUDE OF ENTRIES AND EXITS TO ALLOW FOR PEDESTRIANS TO ENTER THE ZOO FROM MULTIPLE SOURCES, THE MAJORITY OF PEOPLE WILL APPROACH FROM THE NORTHEAST BECAUSE OF THE MASS RAPID TRANSIT HUB NEARBY. A STAFF WING ON THE SOUTH EAST IS SCREENED BY LANDSCAPE. WINDING PATHS LEAD VISITORS AROUND THE ZOO AND ENCOURAGE VISITORS TO EXPLORE THE PARK.