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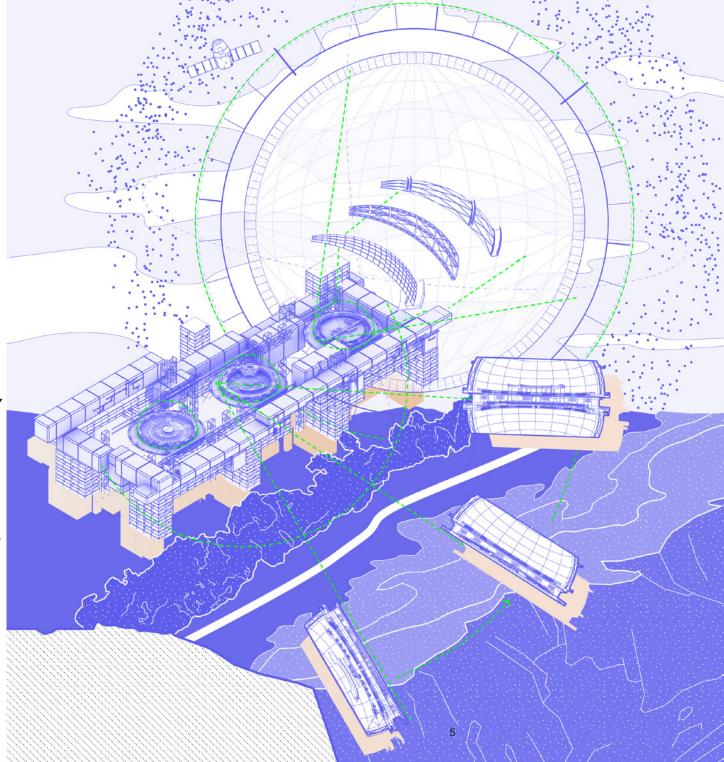
INTERNATIONAL SPACE JUNK CENTER

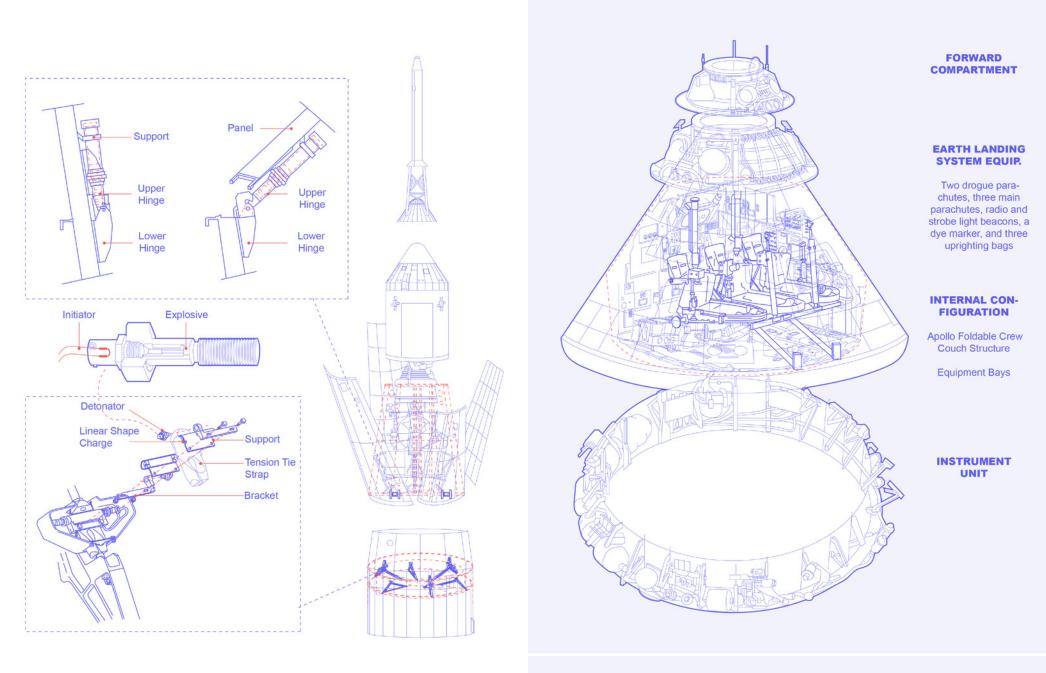
Advanced IV Studio | Winter 2022 Mark Wasiuta Launch Pad 39b, Cape Canaveral

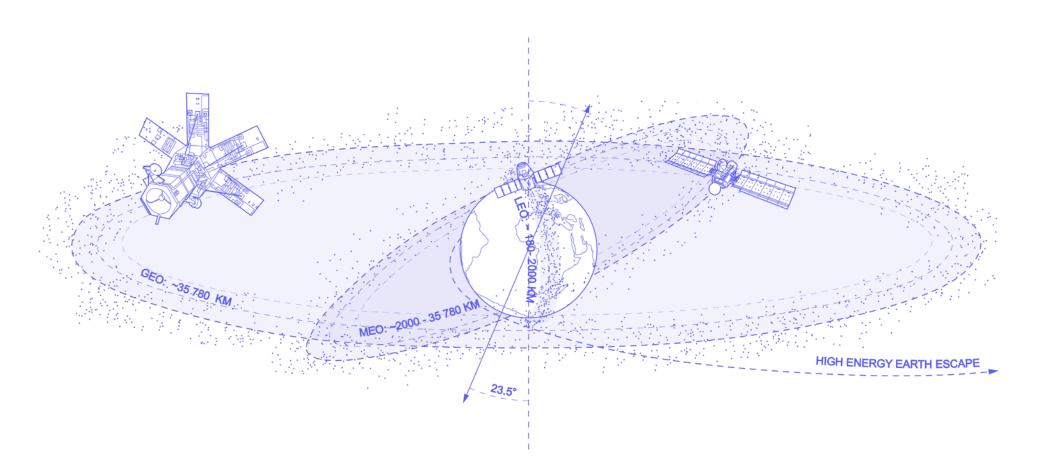
THIS PROJECT CENTERS AROUND THE MAN-MADE SPACE DEBRIS THAT IS CREATED FROM INCREDIBLY COMPLEX PIECES OF TECHNOLOGY DOWN TO WHERE EVEN THE NUTS AND BOLTS OF A DEVICE ARE HIGHLY ENGINEERED. ONCE THESE HIGHLY TECHNICAL PIECES SERVE THEIR PURPOSE THEY TURN INTO JUNK, FORGOTTEN AND LEFT TO ORBIT EARTH WITH NO PLAN TO CLEAN IT UP.

THE PROPOSAL COMPETES WITH THE SPECTACLE OF THE ROCKET LAUNCHES THAT NEIGHBOURS THE SITE, THROUGH ITS SIZE AND HORIZONTALITY.

THINKING BEYOND THE PHYSICAL DEBRIS, THE ISJC ALLOWS FOR THE NEGOTIATION OF THE OWNERSHIP AND SHARING OF THE MASSIVE AMOUNT OF INFORMATION AND DATA COLLECTED IN ORDER TO TRACK SPACE DEBRIS. MODELLED AFTER THE UNITED NATIONS, THE INTERNATIONAL SPACE JUNK CENTRE WILL BE AN OPEN SOURCE DATA CENTRE THAT COLLECTS INFORMATION ON ARTIFICIAL SPACE DEBRIS WHILE OPERATING AS AN INTERNATIONAL ORGANISATION WHERE ALL NATIONS CAN GATHER TOGETHER AND DISCUSS AND MAKE LEGISLATIVE DECISIONS WHILE BEING OPEN TO THÉ PUBLIC.







GEOSYNCHRONOUS ORBIT

EARTH CENTERED ORBIT THAT MATCH EARTH'S ROTATION ON ITS AXIS, WEATHER SATELLITES

MEDIUM EARTH ORBIT

SEMI-SYNCHRONOUS ORBIT AND MOLNIYA ORBIT, GPS SATELLITES

12 HOURS

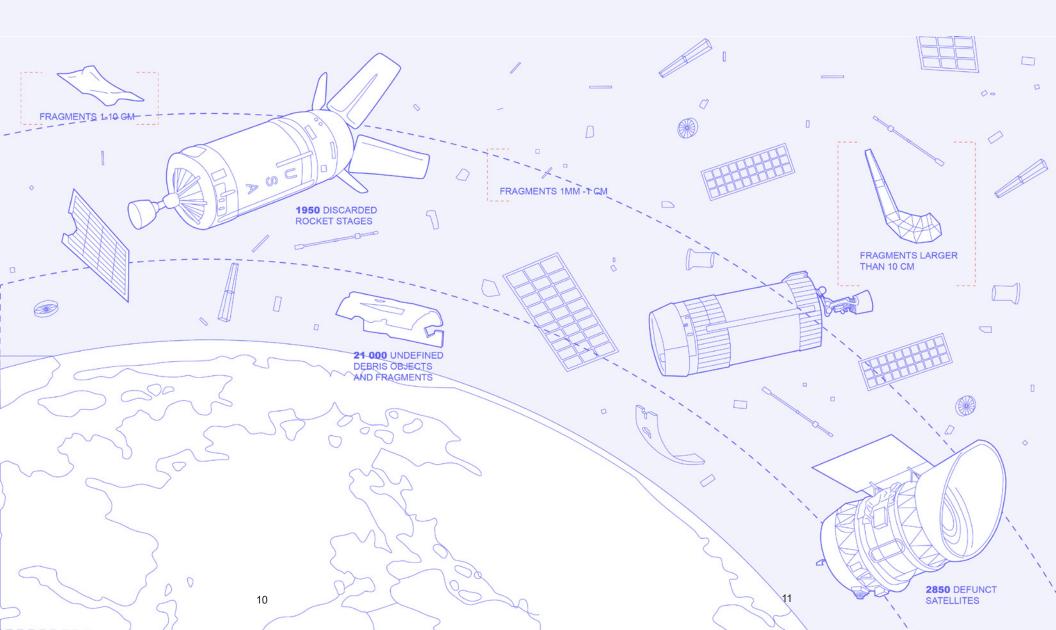
LOW EARTH ORBIT REMOTE SENSING AND COMMUNI-

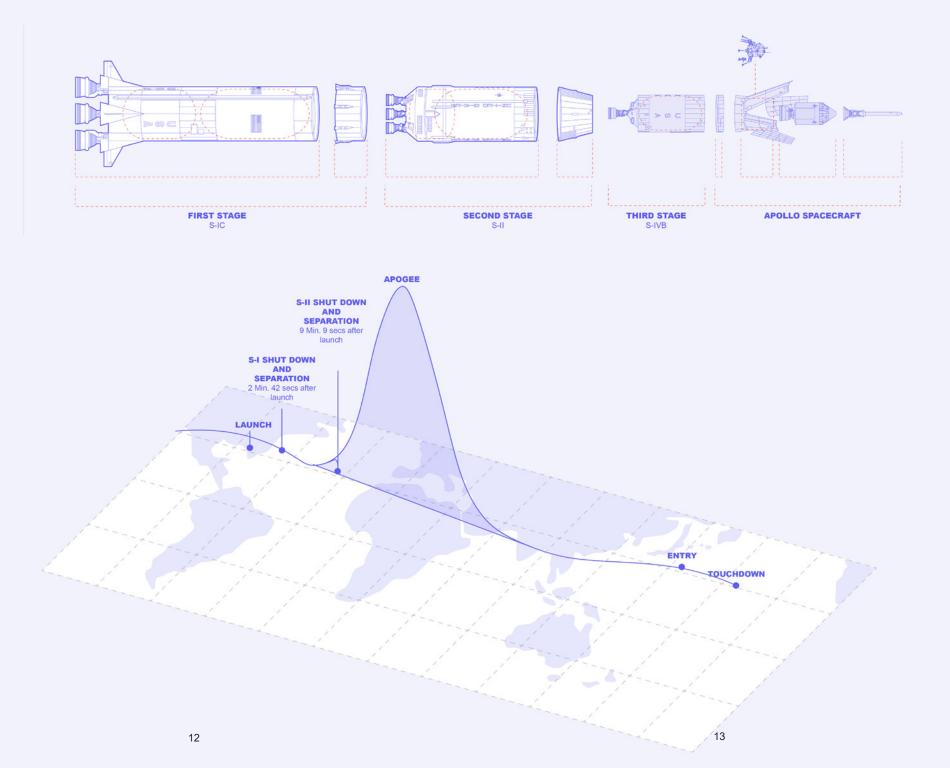
CATION NETWORKS

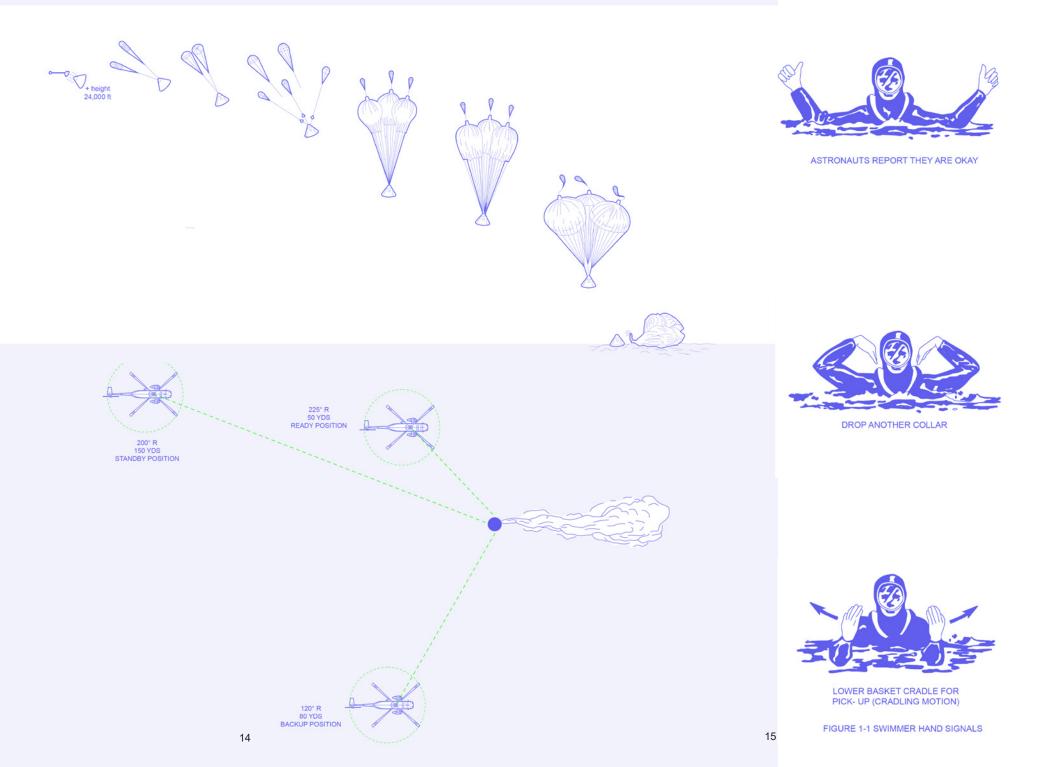
99 MINUTES

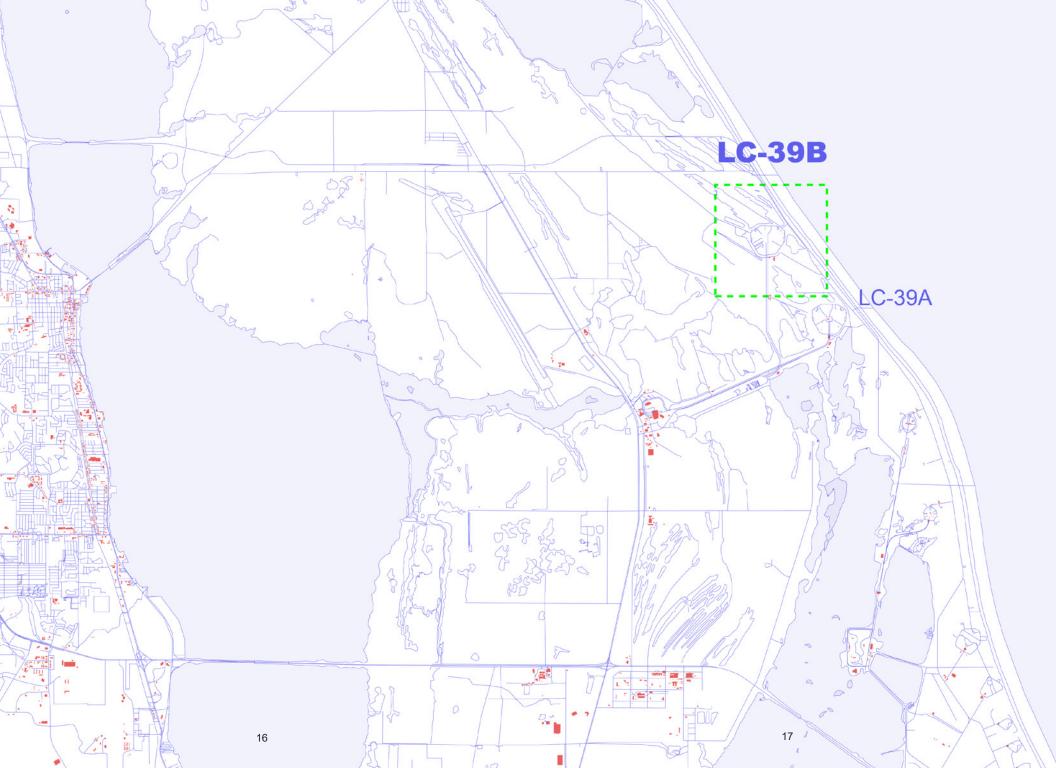
HIGH ENERGY EARTH ESCAPE

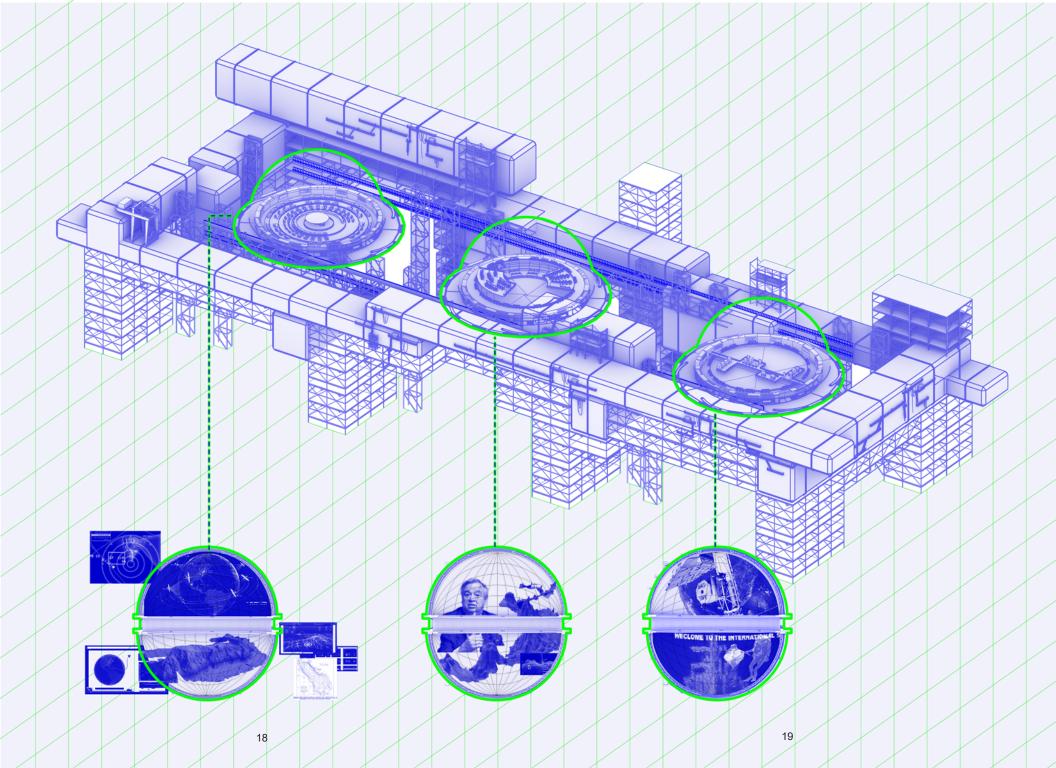
HYPERBOLIC TRAJECTORY FOR INTERPLANETARY MISSIONS

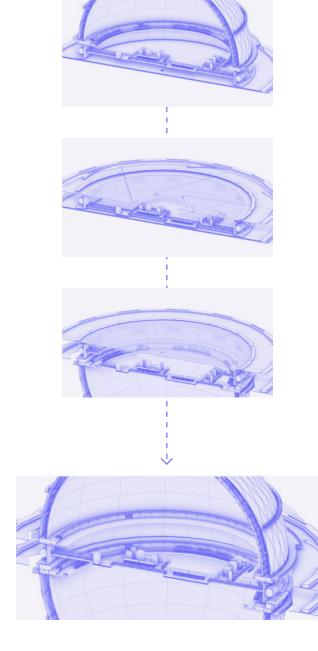


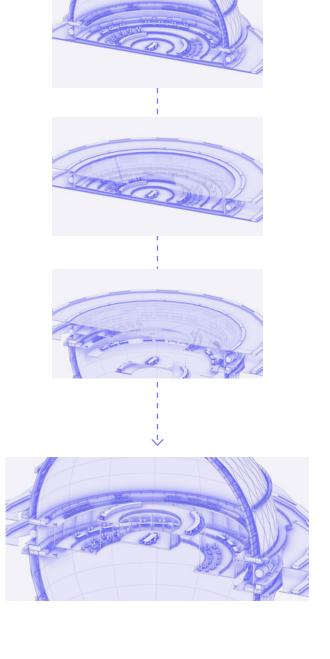


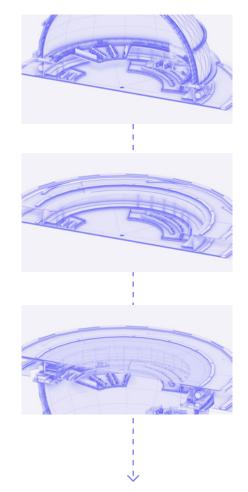


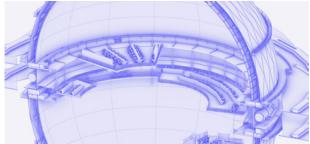


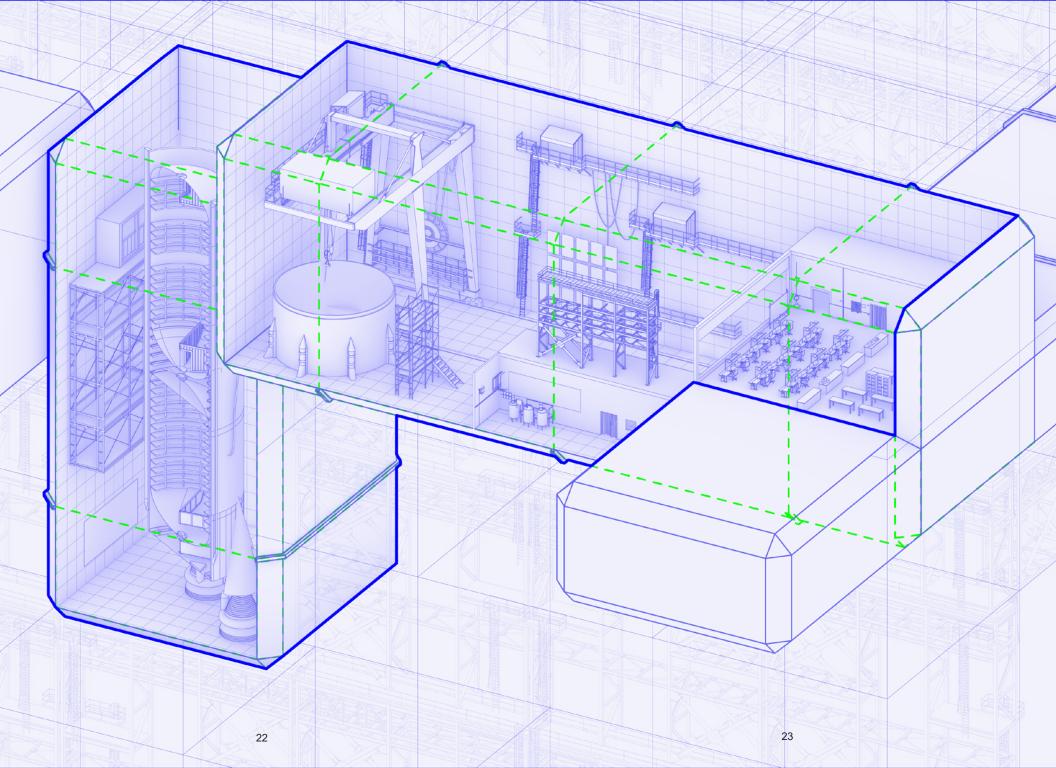


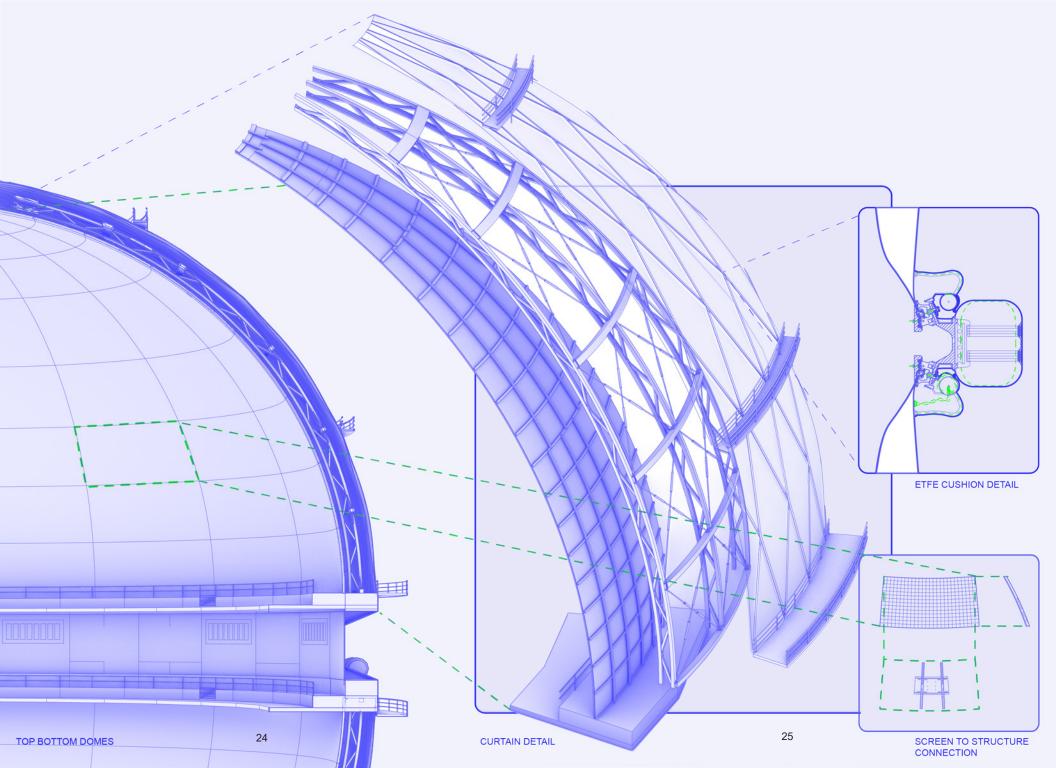






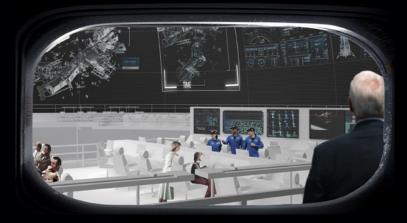














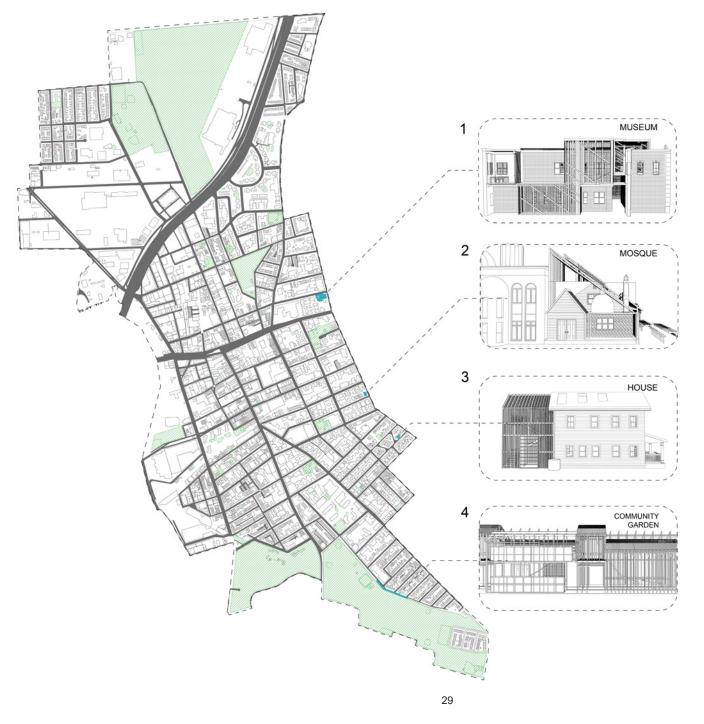
URBAN CHICKS

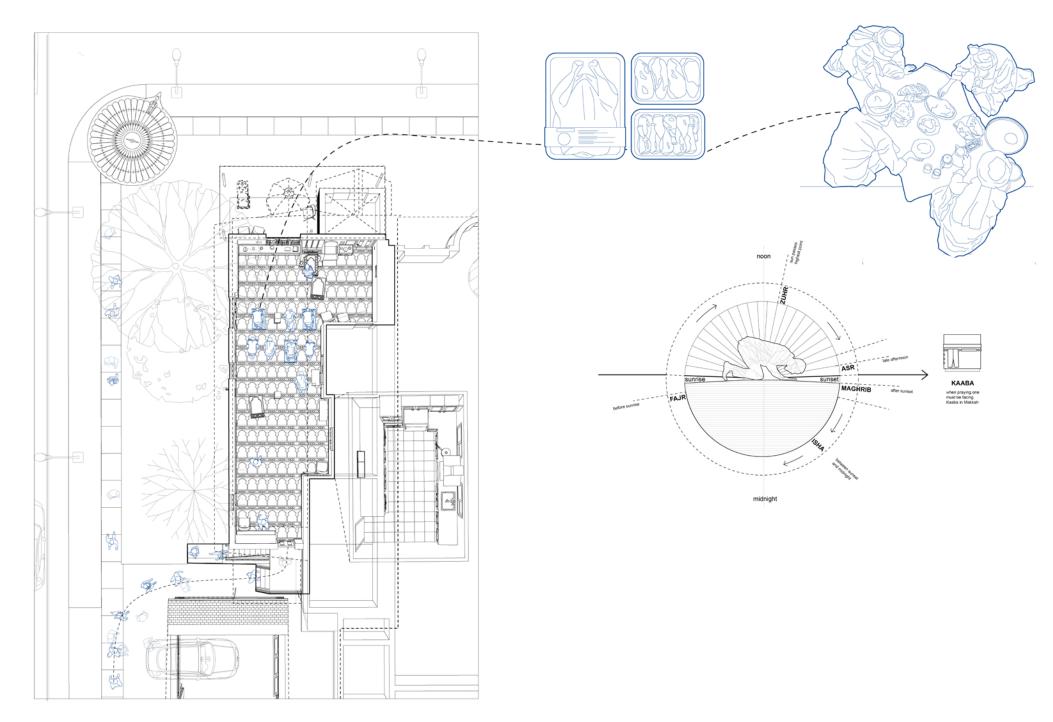
ADV STUDIO IV | Spring 2021 Ziad Jamaleddine Islamberg, New York Academic Partnered Project: Jean Kim

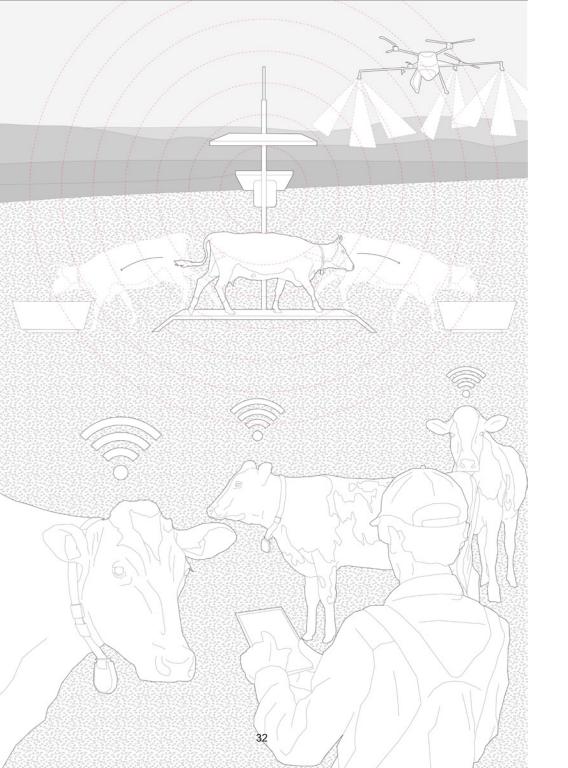
OUR PROPOSAL EXAMINES OPPORTUNITIES FOR RE-INTRODUCING FARMS TO AN URBAN SETTING BY PRODUCING A LOCALIZED AND SUSTAINABLE FARMING SOLUTION.

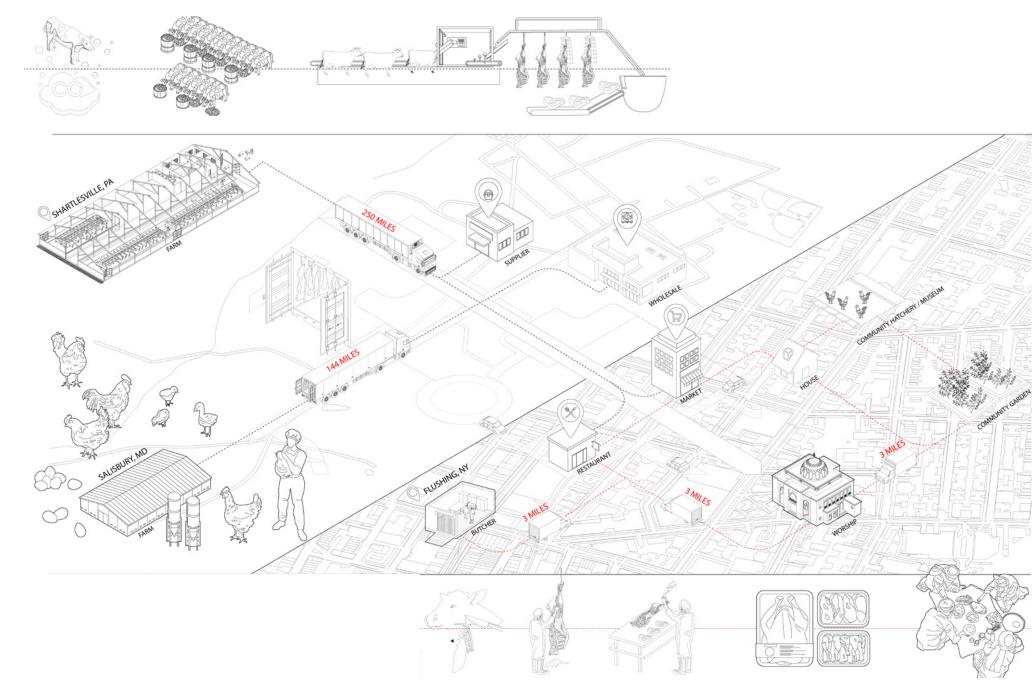
FIRST, AN EARLY ANALYSIS OF IMMIGRANT COMMUNITIES SUCH AS AFGHAN MUSLIMS AND ASIAN COMMUNITIES EXAMINES THE RELATIONSHIP BETWEEN NON-WESTERN FOOD CONSUMPTION AND ENVIRONMENTAL IMPLICATIONS. WE THEN IDENTIFY TYPOLOGIES UNIQUE TO FLUSHING QUEENS, FINDING SPATIAL OPPORTUNITIES TO MEDIATE COEXISTENCE BETWEEN HUMANS AND CHICKENS. THESE TYPOLOGIES CONSIDER PRIVATE AND PUBLIC REALMS OF SINGLE-FAMILY HOMES, HOUSES OF WORSHIP, ABANDONED BUILDINGS, AND COMMUNITY GARDENS.

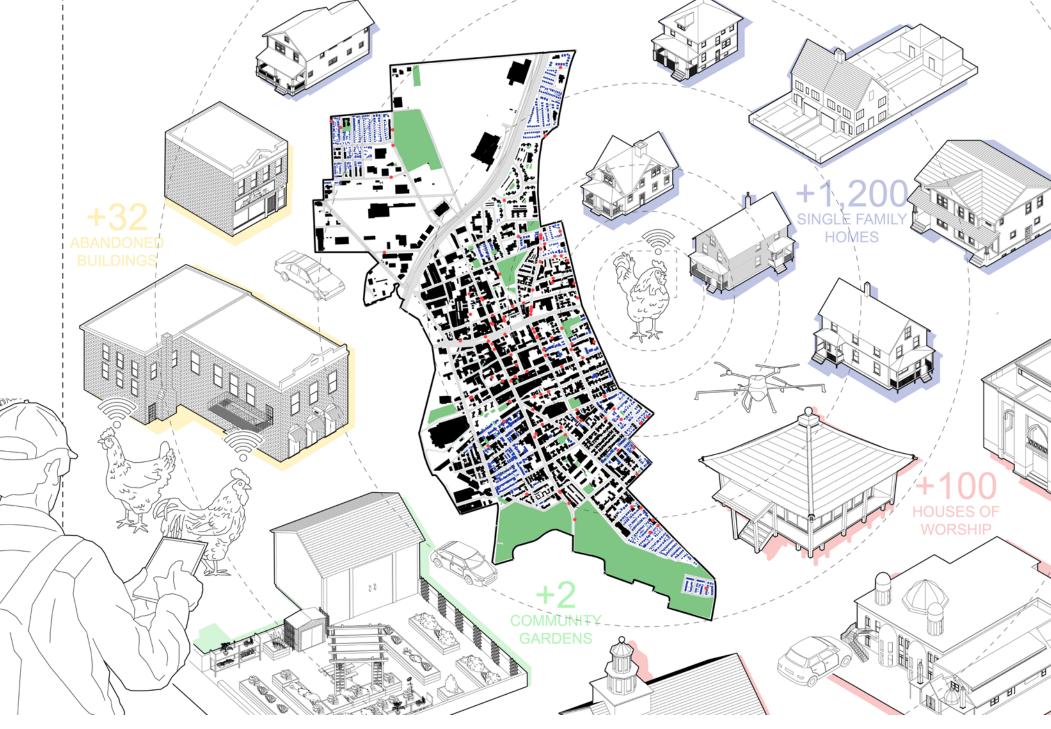
"NON-BUILDING" ARCHITECTURE IS EXPLORED THROUGH MESH AND TIMBER CONSTRUCTION, EMPHASIZING THE EASE AND FLEXIBILITY OF CO-EXISTENCE. A TYPICAL HOUSE EXPLORES COHABITATION BETWEEN HUMANS AND CHICKEN. IN CONTRAST, A COMMUNITY GARDEN INTERWEAVES PUBLIC HUMAN ACTIVITIES WITH CHICKEN COOPS. THE ABANDONED BUILDING THEN INCLUDES EXHIBITIONS AND A BUTCHER ADHERING TO NON-WESTERN POULTRY PRACTICES CATERING TO HALAL, KOSHER, AND NON-FAITH-BASED MEAT PROCESSING. FINALLY, THE HOUSE-MOSQUE SERVES AS THE TABLE END RESTAURANT AND HERB GARDEN ENGAGING VISITORS AN® CHICKENS.



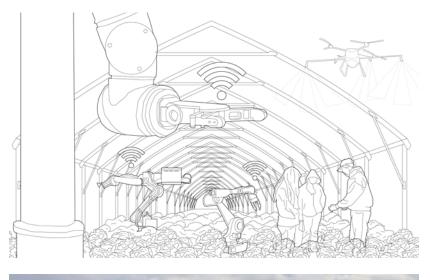




















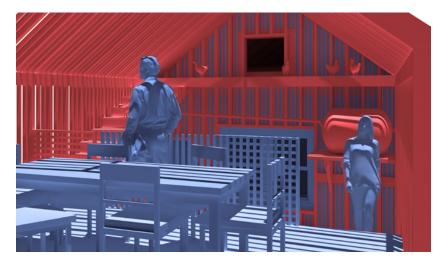


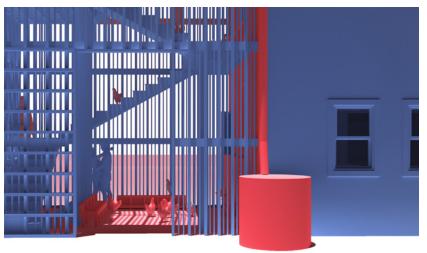


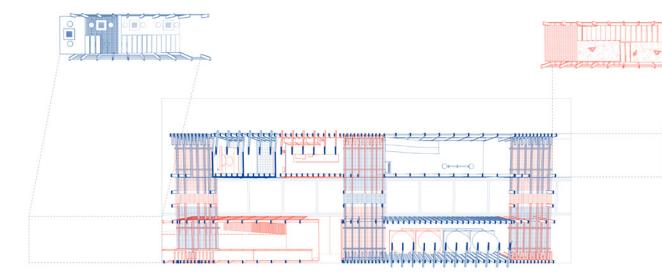


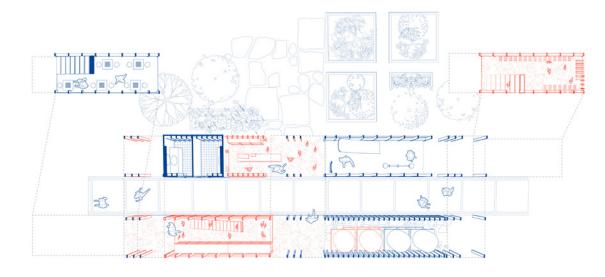




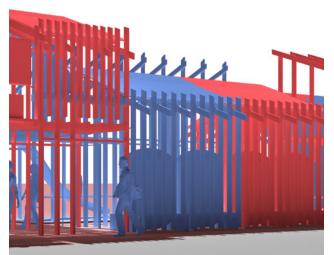


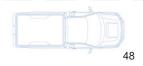




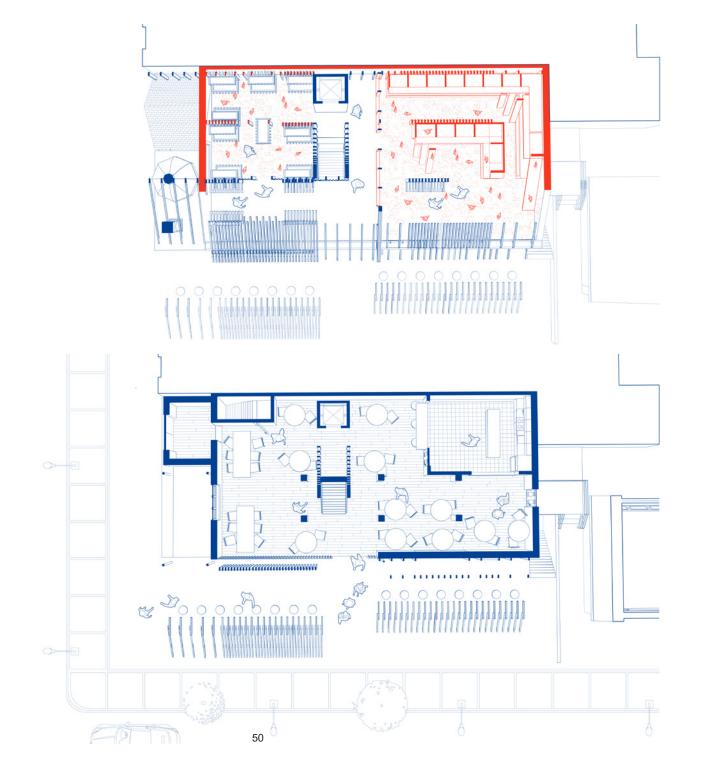


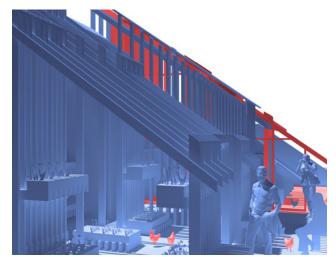


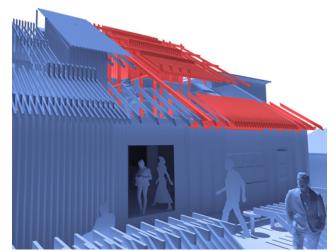












RURAL - URBAN LANDSCAPE

ADV STUDIO IV | Spring 2021 Ziad Jamaleddine Islamberg, New York Academic Partnered Project: Jean Kim

THROUGH CAREFUL MANIPULATION OF THIS SHARED LAND WITH NYC, A SERIES OF INDENTATIONS WITHIN THE LANDSCAPE OF THE CATSKILLS MOUNTAIN FORM SMALL POOLS TO CATCH AND SLOWLY RE-RELEASE WATER INTO THE. THE EXISTING WATER TABLE

OVER MULTIPLE GENERATIONS THE HOPE IS THAT AS THE POPULATION WITHIN ISLAMBERG GROWS, AND THAT THE PEOPLE IN THE TOWN CREATE ADDITIONAL SETTLEMENTS ALONG THE POOLS.

BY CREATING SPACES THAT PROVIDES THE TOOLS AND KNOWLEDGE TO BUILD OUT THEIR COMMUNITY, WE HOPE TO PROVIDE THE PEOPLE OF ISLAMBERG WITH TOOLS THAT HELP THEM BECOME A SELF-RELIANT COMMUNITY BUILT FROM MATERIALS FOUND IN NATURE CLOSE TO THEIR HOMES.



UPSTATE

BINGHAMTON

IGULANCE 1924 - KKK IN BINGHAMTON

After being expelled from New York City, the KKK set up their new headquarters in Binghamton, NY, where they recruited new members and published a magazine called, 'Vigilance: A Champion of Militant Americanism.'

ISLAMBERG

1954 - NY STATE THRUWAY

The post-war era saw many infrastructural investments upstate, including the NYS thruway, large suburban developments, and manufacturing hubs for early tech companies like IBM.





1980s - MOVE TO ISLAMBERG

In the 1980's a group of muslim families from Brooklyn moved upstate to Islamberg, a small rural hamlet in Delaware County.

2017, 2019 - PLANNED ATTACKS

Online conspiracy theorists and anti-Muslim groups have claimed that Islamberg is a seckuded training camp for Islamic extremists. This has led to multiple planned attacks on Islamberg, one by a Christian minister from Tennessee, and another by four young people who had stockpiled lirearms and homemade bombs.

54

1964 - POLICE BRUTALITY

DOWNSTATE

DISCOU

Protests broke out in 1964 after the NYPD shot and killed a 15 year old boy. In response, protesters took to the streets of Harlem to demand justice and accountability. Incidents of police brutality continued and were later supplemented with broken windows policing and stop-and-frisk policies.

1977 - NYC BLACKOUT

As more middle class families left the overcrowded city for the suburbs, the city faced a fiscal crisis exacerbated by their dwindling tax base. On July 13th, 1977 there was a citywide blackout resulting in looting and arson in many neighborhoods in Brooklyn.

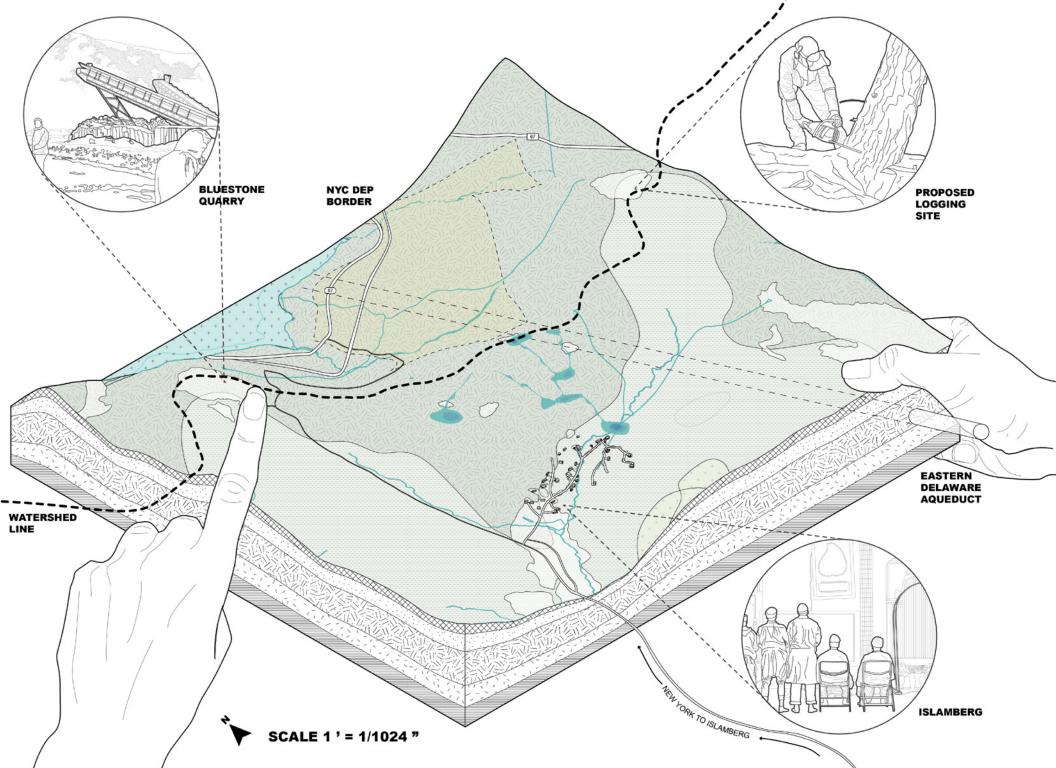
2001 - SEPTEMBER 11

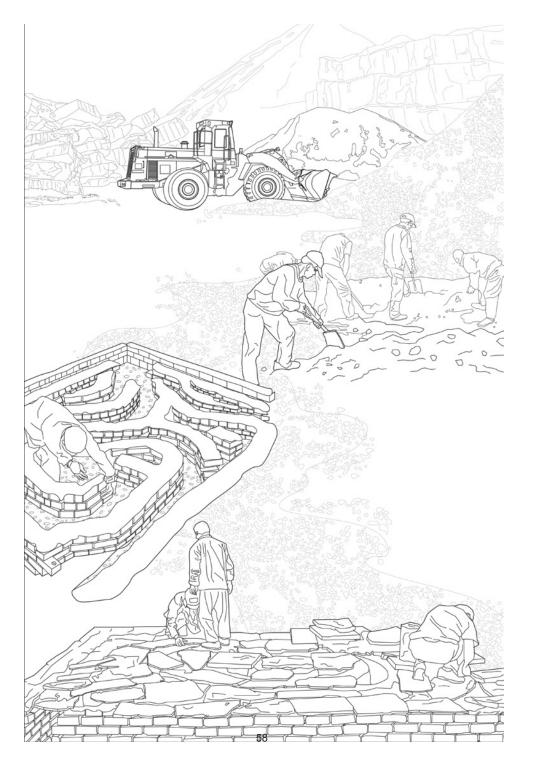
After the September 11th attacks, Islamaphobia rose in the US. In NYC, the NYPD sent covert officers into muslim communities to surveil people who had no connections to the attacks.



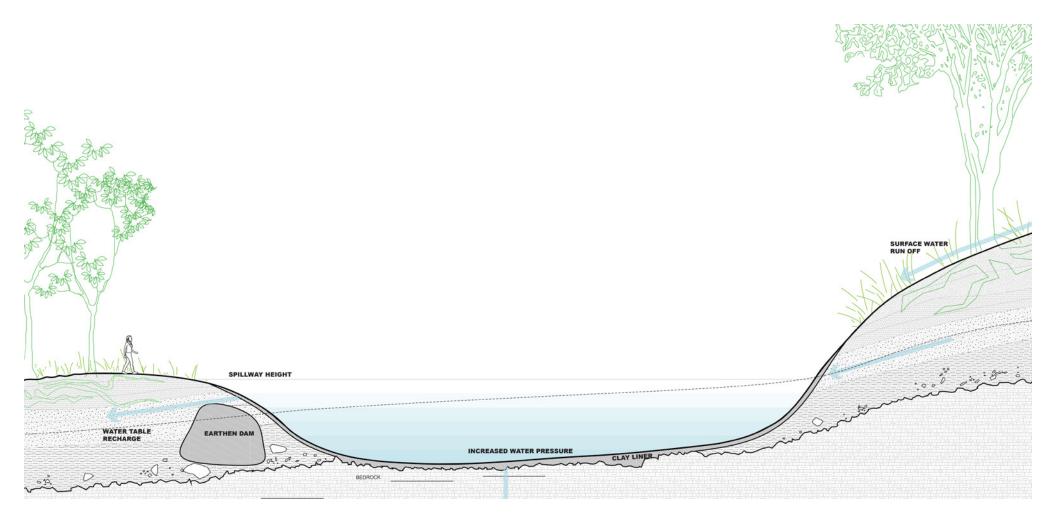
NEW YORK CITY

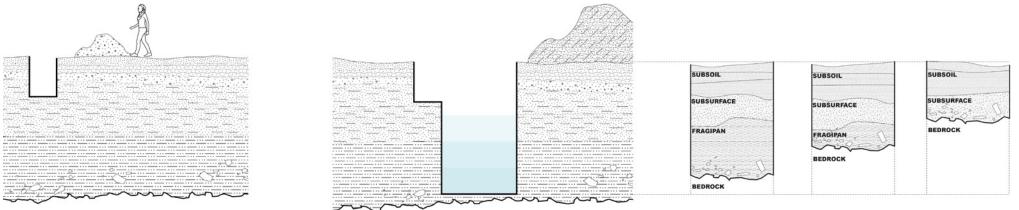
55











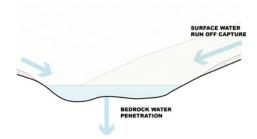
EXISTING CONDITION

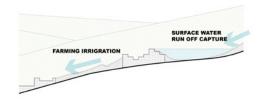




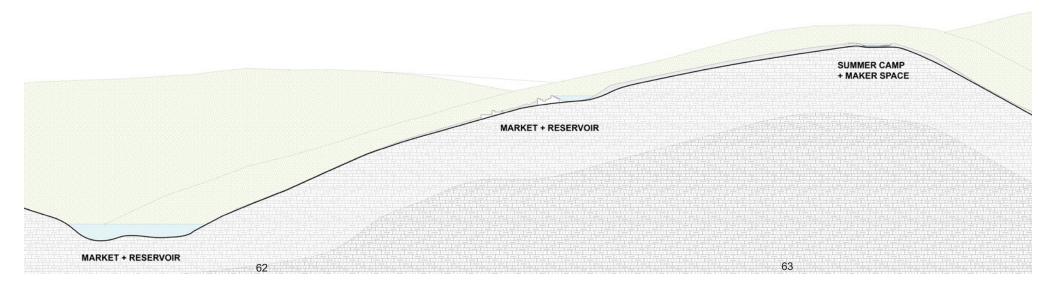


PROPOSED INTERVENTION

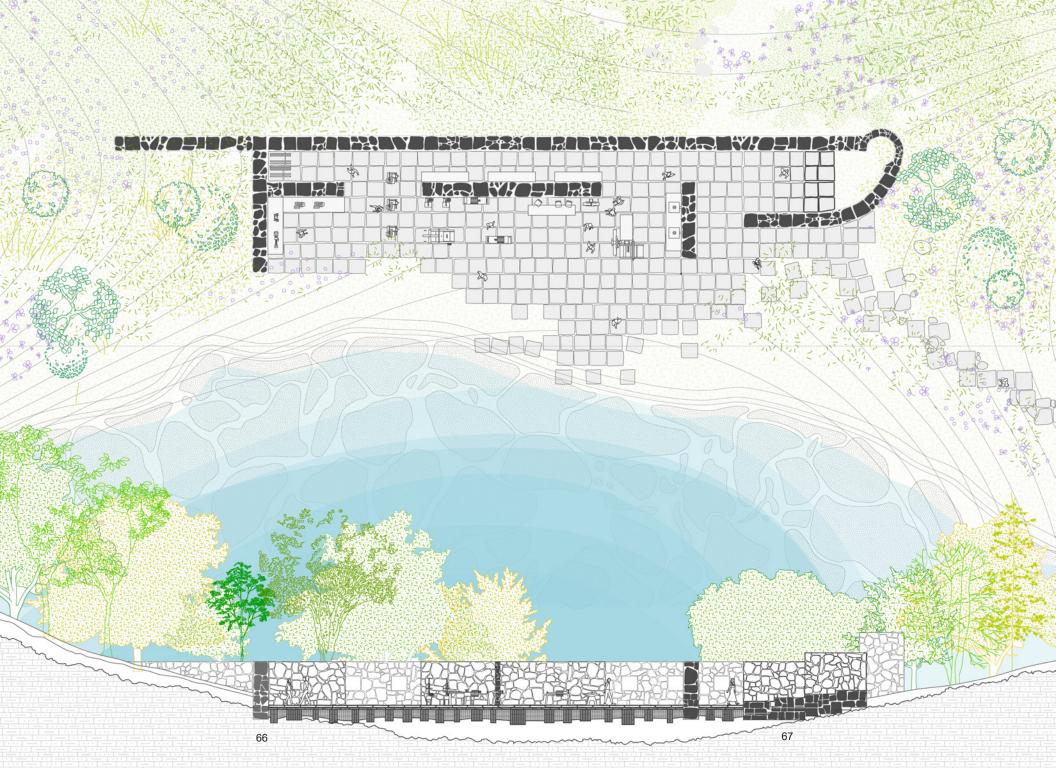


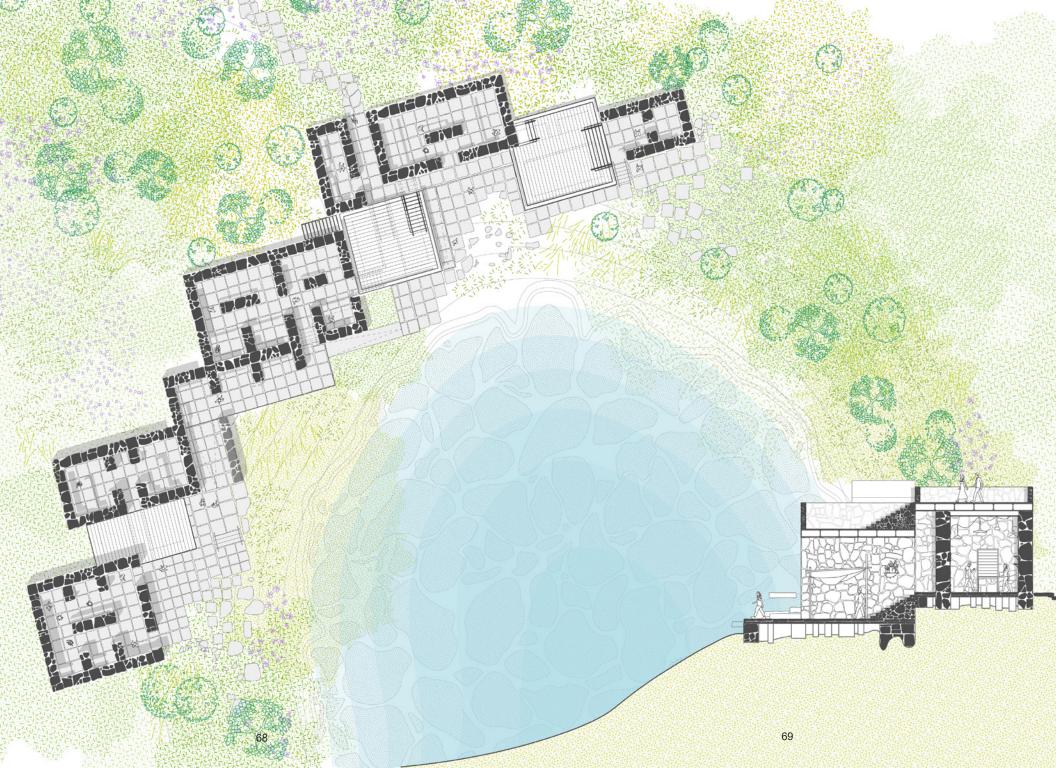














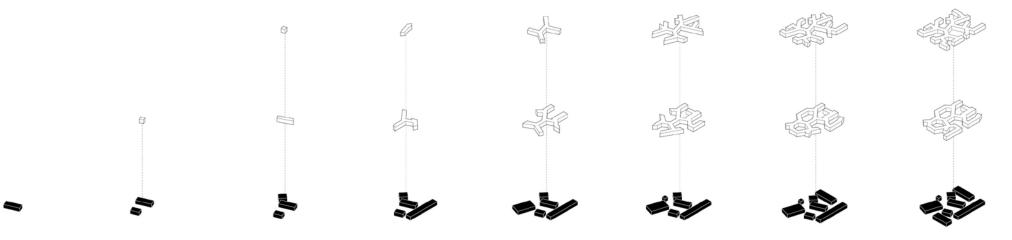
BRANCHING

CORE III Housing Studio | Fall 2020 Eric Bunge South Bronx, New York Academic Partnered Project: Novak Djogo

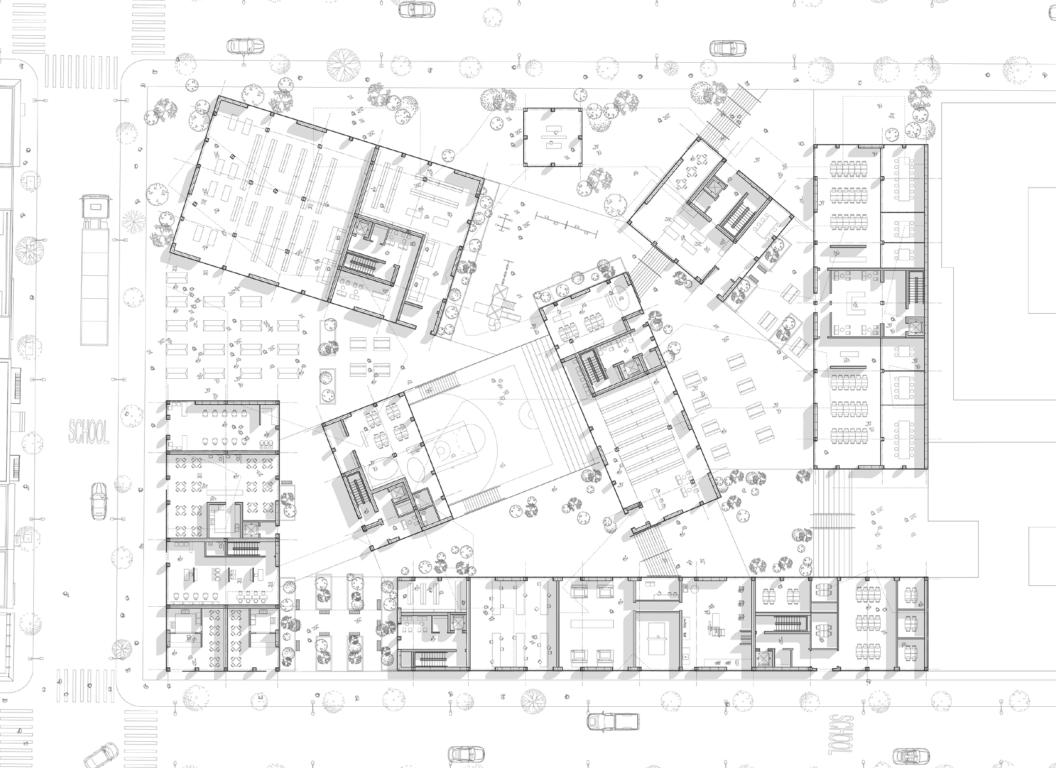
THIS HOUSING PROPOSAL, LOCATED IN THE SOUTH BRONX, IS A PROPOSAL OF WHAT A MORE SUSTAINABLE FORM OF AFFORDABLE HOUSING COULD BE. BY CHALLENGING WHAT WE SAW AS CONSTRICTIVE ACCEPTED NORMS OF INDIVIDUAL LIVING THROUGH THE INTEGRATION OF PRINCIPLES OF CO-LIVING AND WORKING INTO THE PROJECT.

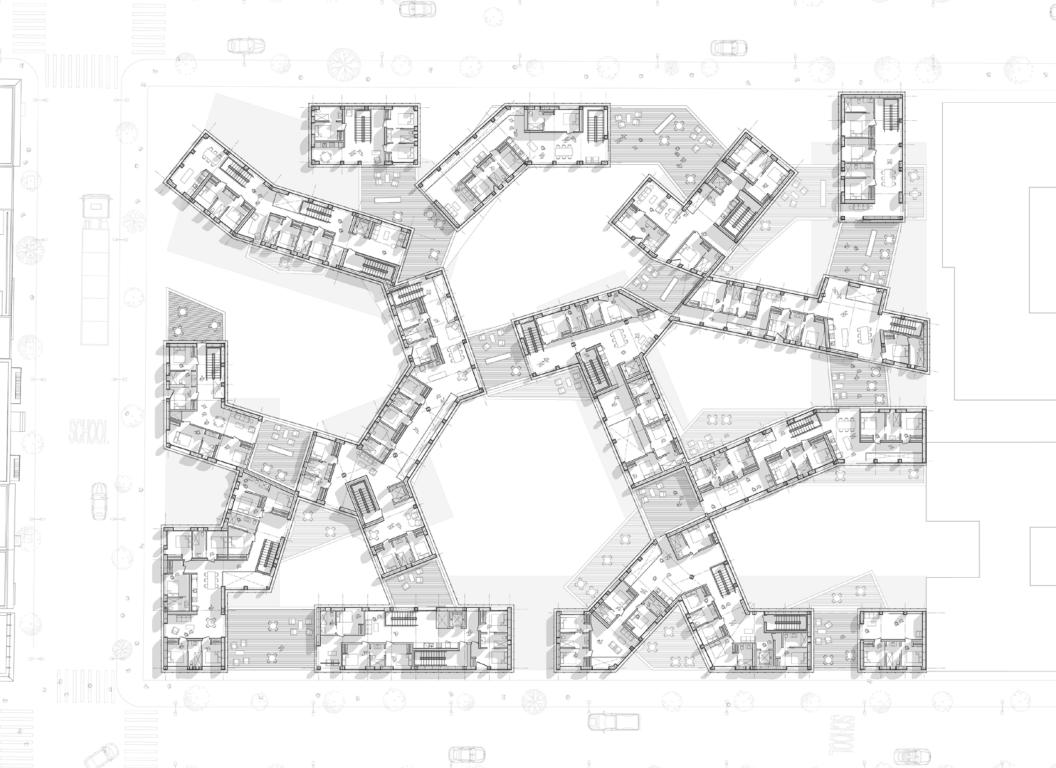
DIVIDED INTO TWO MAIN COMPONENTS, THE WORK LAYER AND THE LIVING LAYER, THE RESIDENTS HAVE THE ABILITY TO DESCEND INTO THE WORK LAYER WHERE THERE ARE OPPORTUNITIES FOR WORK. IN ADDITION TO THE WORK PROGRAMS ARE AMENITIES WHICH ENABLE OR EASE ACCESS TO EMPLOYMENT OPPORTUNIT





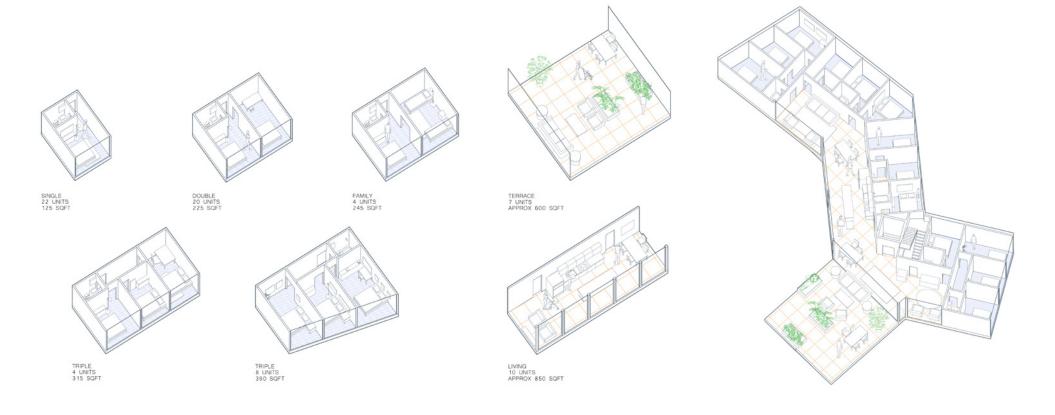












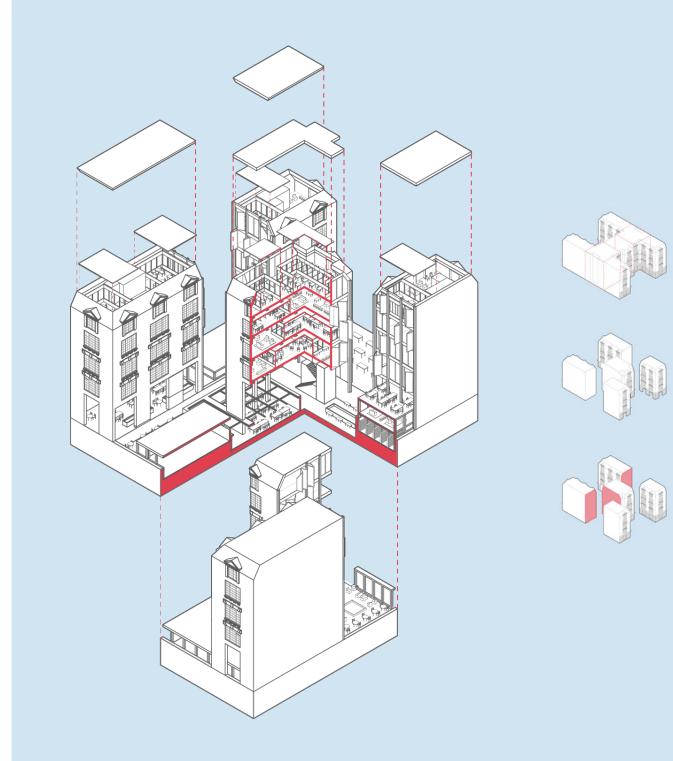
PS 64

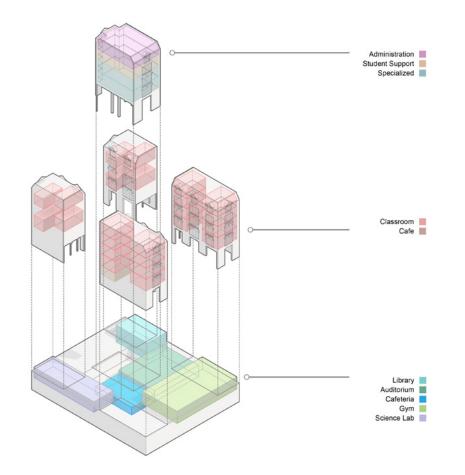
CORE II | Spring 2020 Benjamin Cadena East Village, New York Individual Academic Project

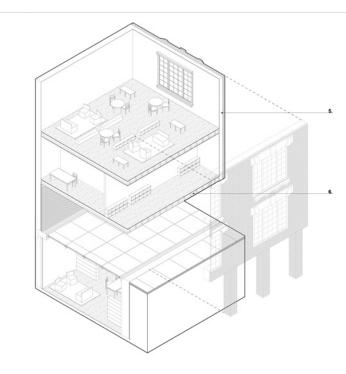
PS64, IN ITS CURRENT STATE, ENFORCES A DISTINCTION BETWEEN THE PHYSICAL AND VISUAL ACCESS THROUGH THE SITE. THE DELETION OF KEY AREAS OF THE ORIGINAL SCHOOL - SELECTED DUE TO UNFAVOURABLE LIGHTING - AIMS TO CREATE A NEW GROUND CONDITION THAT BECOMES A PHYSICAL AND EXPERIENTIAL CONTINUATION OF THE CITY.

EXISTING STRUCTURE AND MATERIALS OF THE ORIGINAL BUILDING WOULD BE USED IN THE CONSTRUCTION OF FIVE NEW TOWERS, WHICH ALL SHARE OPEN-PLAN GROUND FLOORS.

THE VISUAL CONNECTION BETWEEN THE PLAY SPACES ON THE BALCONIES, AND THOSE ON THE GROUND FLOOR, IS KEY TO MAINTAINING A STRONG CONNECTION BETWEEN FIGURE AND GROUND; SCHOOL AND CITY. 86



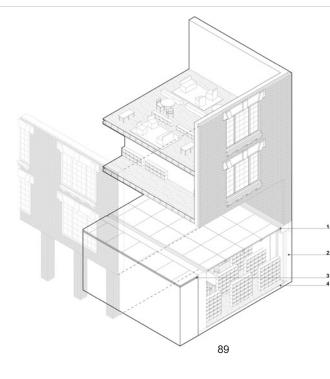




INSIDE

5. MASONRY WALL CMU WITH CONCRETE MASONRY BACKUP VAPOUR BARRIER DRAINAGE FLASHING RIGID INSULATION 2' AIR GAP MORTAR RED BRICK VENEER

6. FLOOR 6%35% WOOD PLANK FLOORING NOISE BARRIER FOAM STEELL BRACKET PLYWOOD SHEETS BATT INSULATION GULLAN LOIST GYPSUM SHEET RIGID INSULATION GYPSUM SHEET



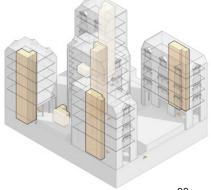
OUTSIDE

1. GLASS FLOOR RAIN GUTTER METAL FRAME L BRACKET STRUCTURAL SILICONE STRUCTURAL GLASS

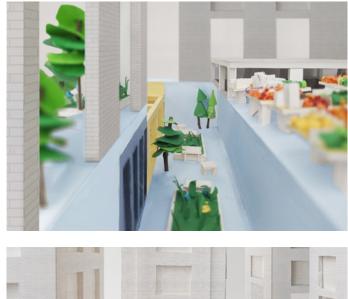
2. BASEMENT MASONRY WALL CMU STEEL STUDS BATT INSULATION VAPOUR BARRIER GYPSUM BOARDS PAINT

3.HARDSCAPE 6X6 CONCRETE PAVERS SAND GRAVEL SOIL

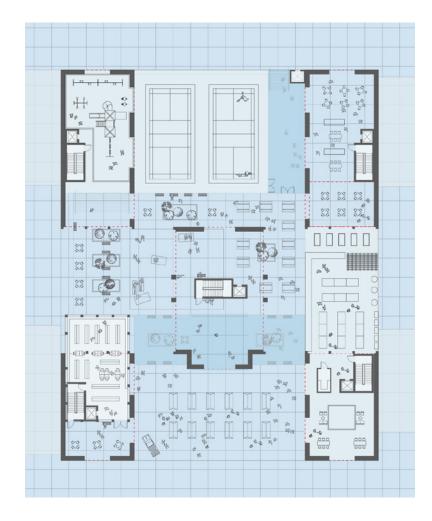
4. BASEMENT FLOOR WOOD PANELS NOISE BARRIER FOAM CONCRETE

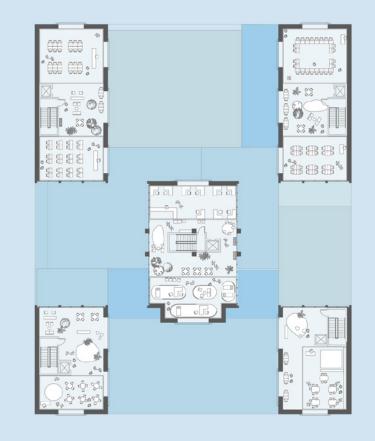


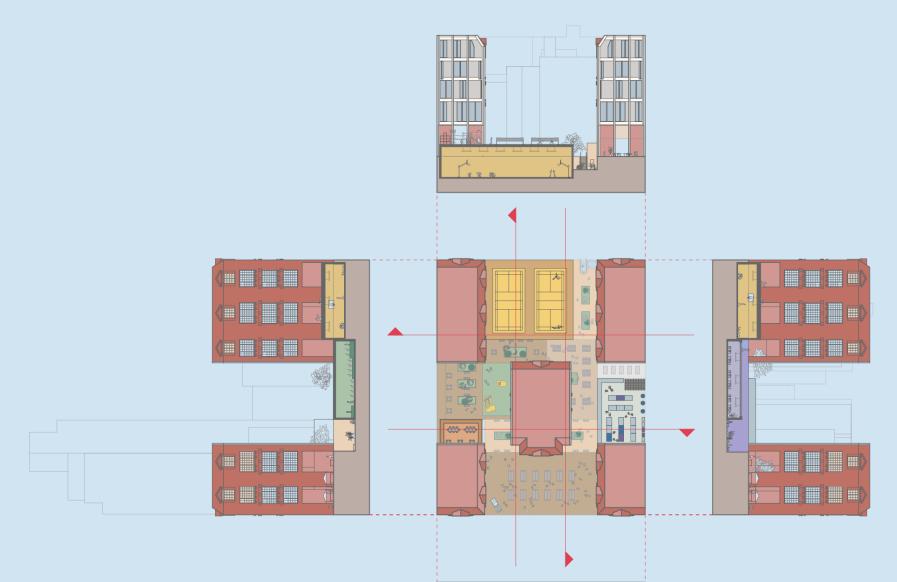








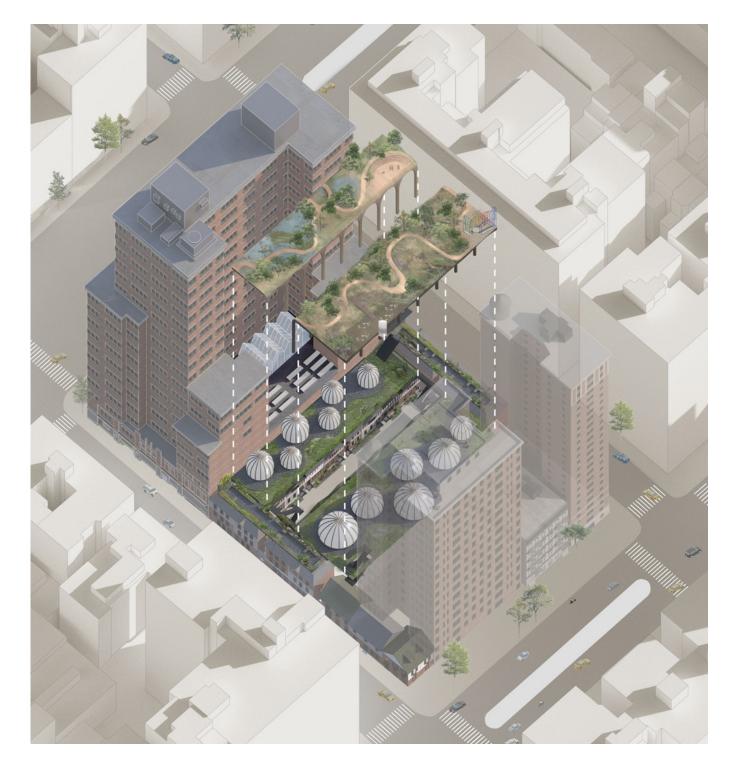






CITY GARDEN

URBAN FARM José Aragüez New York City, USA Induvidual Academic Project



LOCATED JUST NORTH OF THE UPPER WEST SIDE, THE INTERVENTION WITHIN THE BLOCK'S VOID IS PLACED ON TOP OF A SERIES OF TWO-TO THREE-STOREY TUDOR HOUSES THAT ARE FLANKED BY HIGH-RISES ON EACH SIDE. THE INTERVENTION LOOKS AT THE DIFFERING LEVELS OF PRIVACY AFFORDED TO THOSE WHO LIVE IN THE TUDOR HOMES, AND THOSE WHO DO NOT. THE INTENTION WAS TO DESIGN A SERIES OF GARDENS THAT REFLECT THESE DIFFERENCES.











