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LECCO'S PROMOTIONAL HIKING CENTRE

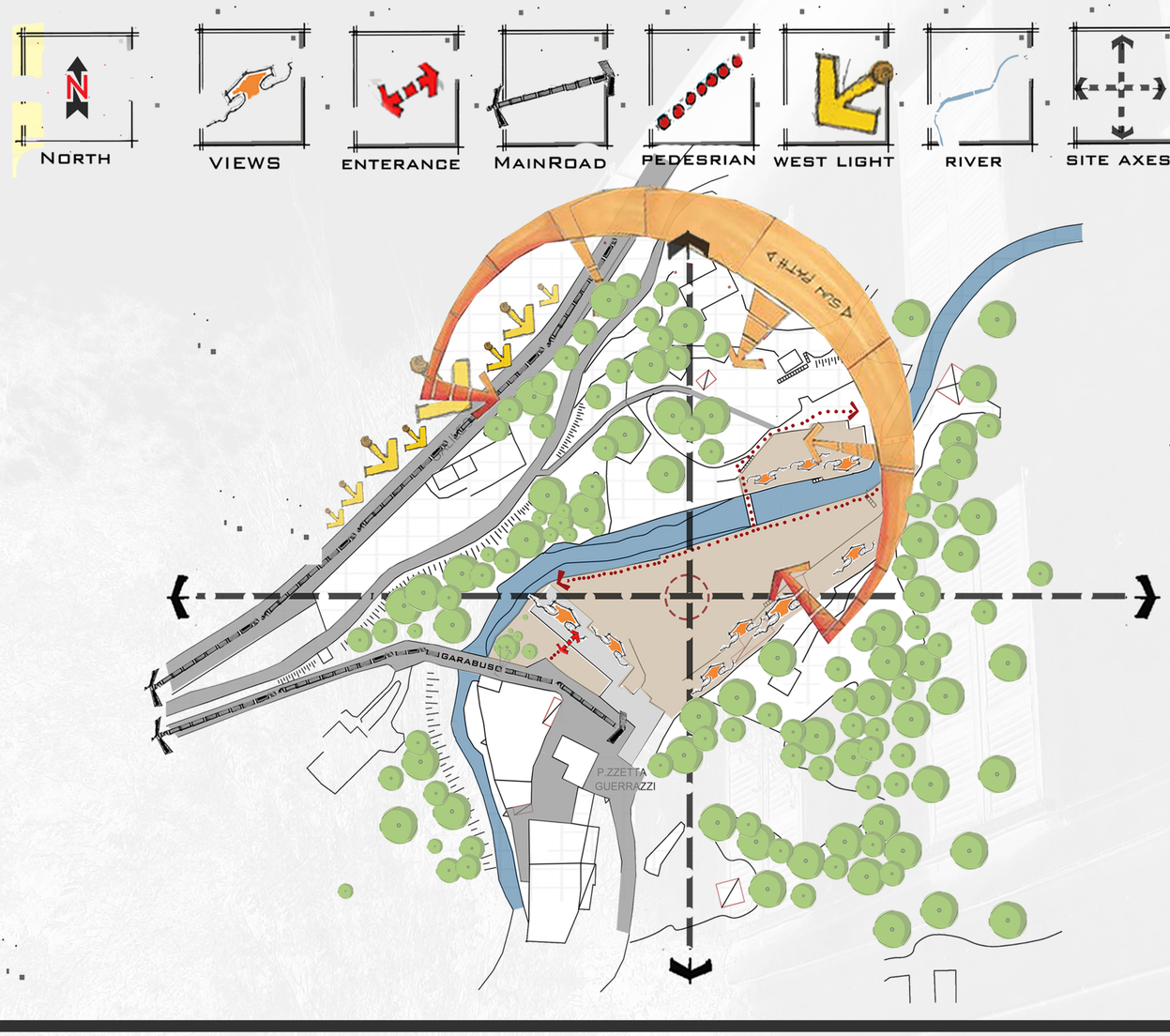
BUILDING RENOVATION 2018-19

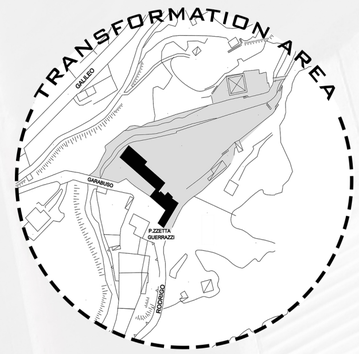
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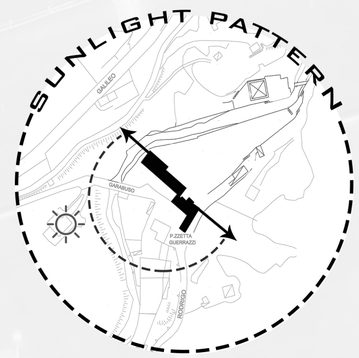
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SITE ANALYSIS





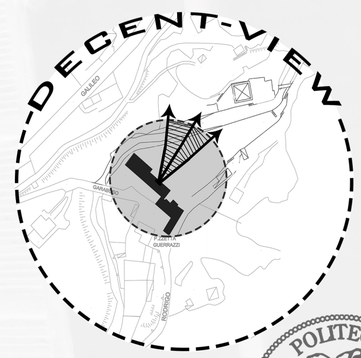




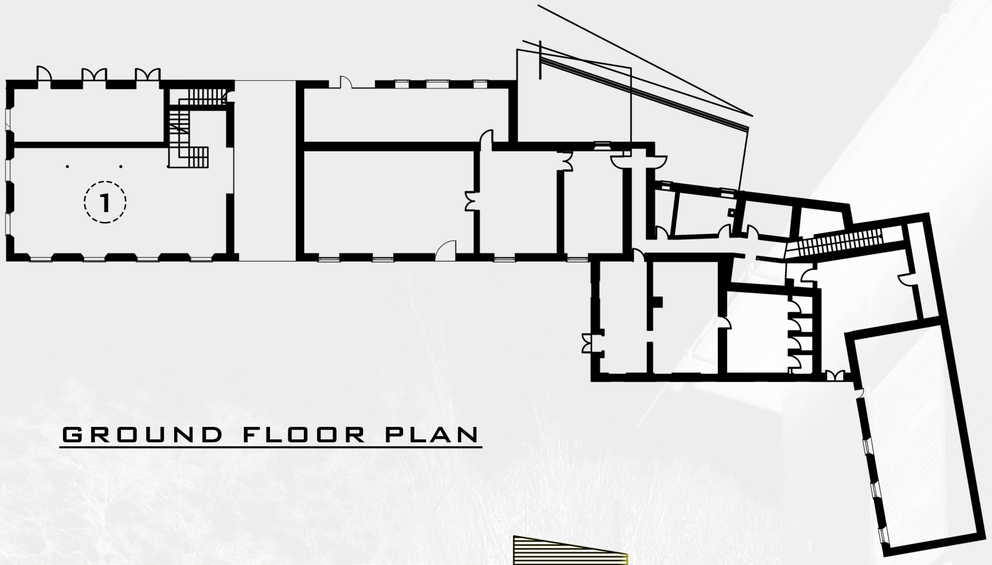




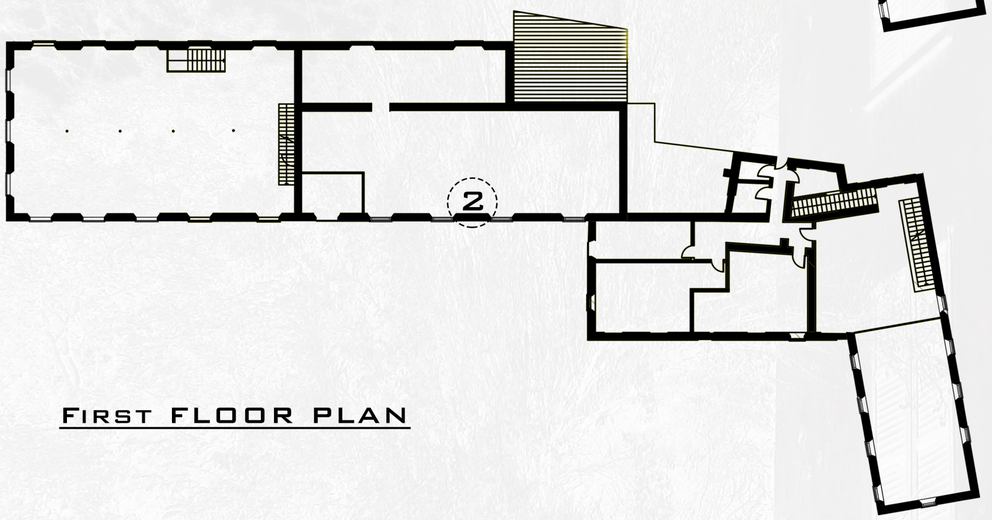




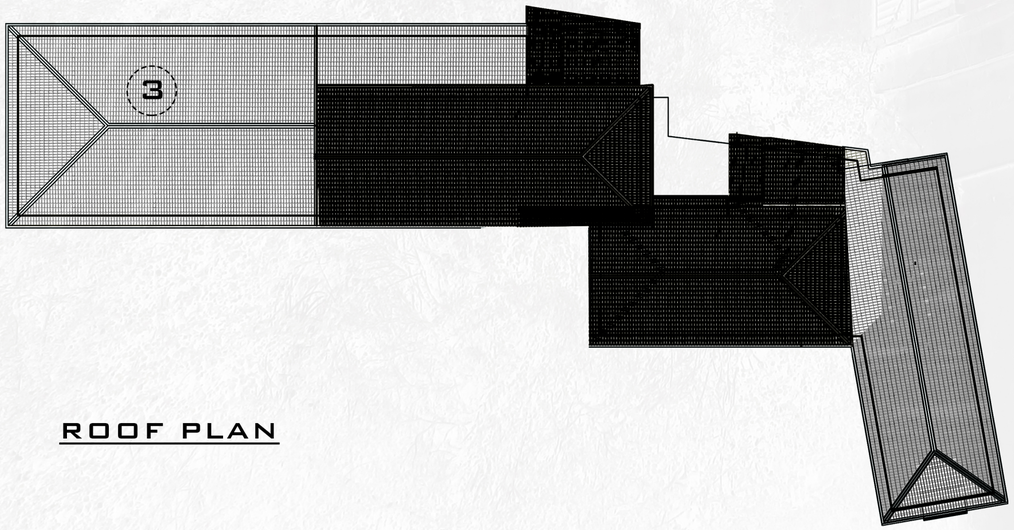
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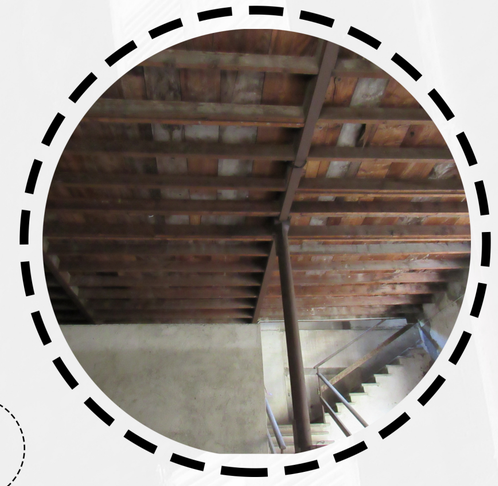
GROUND FLOOR PLAN



FIRST FLOOR PLAN



ROOF PLAN



1

WEAK CASTIRON AND WOOD STRUCTURE



2

CONCRETE STRUCTURE



3

COLLAPSING ROOF

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SWOT ANALYSIS

Strengths

. view of the river

. Panaromic views of environment

. Surrounded by green spaces

. Structures are strong enough to be maintained (building B and C)

. Already flat area to build up

. Natural ventilation (source of fresh air) less reliance on artificial cooling

Weaknesses

. Weak structure (building A)

. Old envelope

. Too close to the river (10<)(building A)

. Lack of transportation means

. Not easilly visible by pedestrian, lack of presence of landmark

. Disordered area

Opportunities

. The location is the initial point of mountain trail

. Located in the part of the city which is tourism attraction

. Closeness to the river

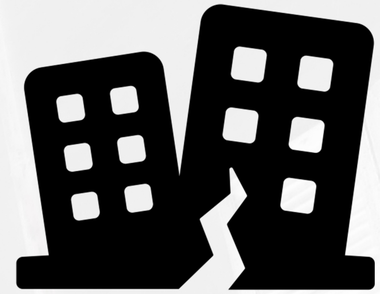
. Possibility to have annual activities (hiking, fishing, rafting)

Threats

. Danger of deterioration by the river

. Danger of flood

. Danger of landslide



WEAK STRUCTURE



VIEW OF THE RIVER



MOUNTAIN TRAIL



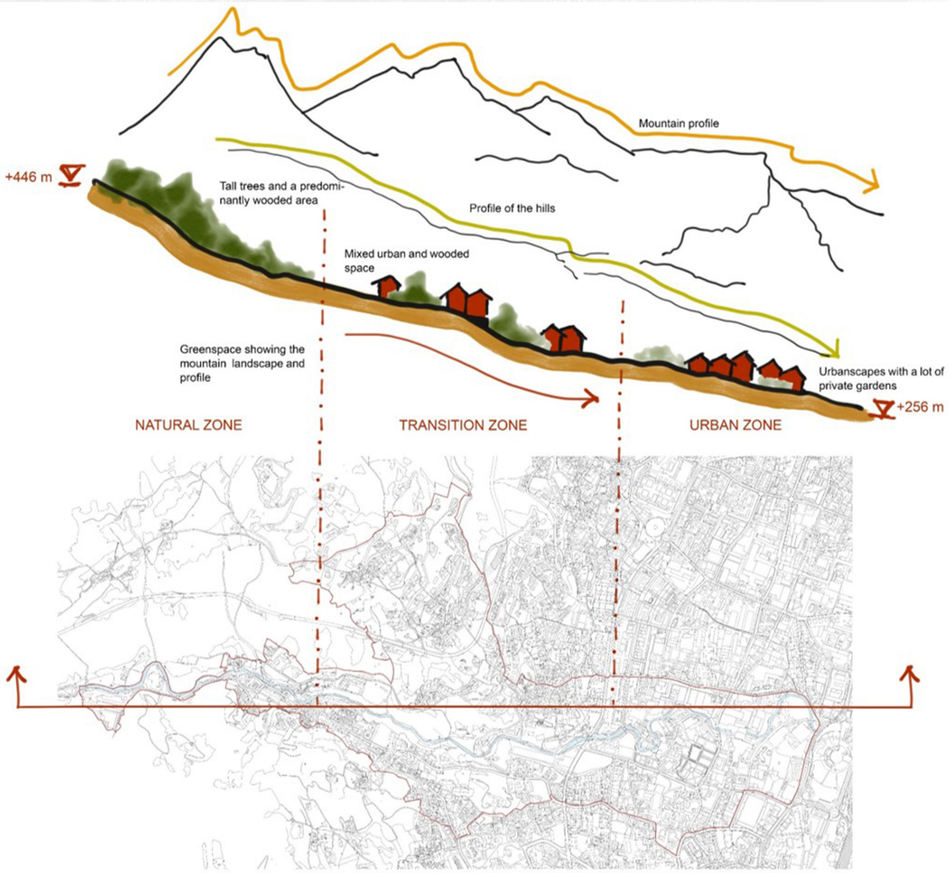
LAND SLIDE THREAT

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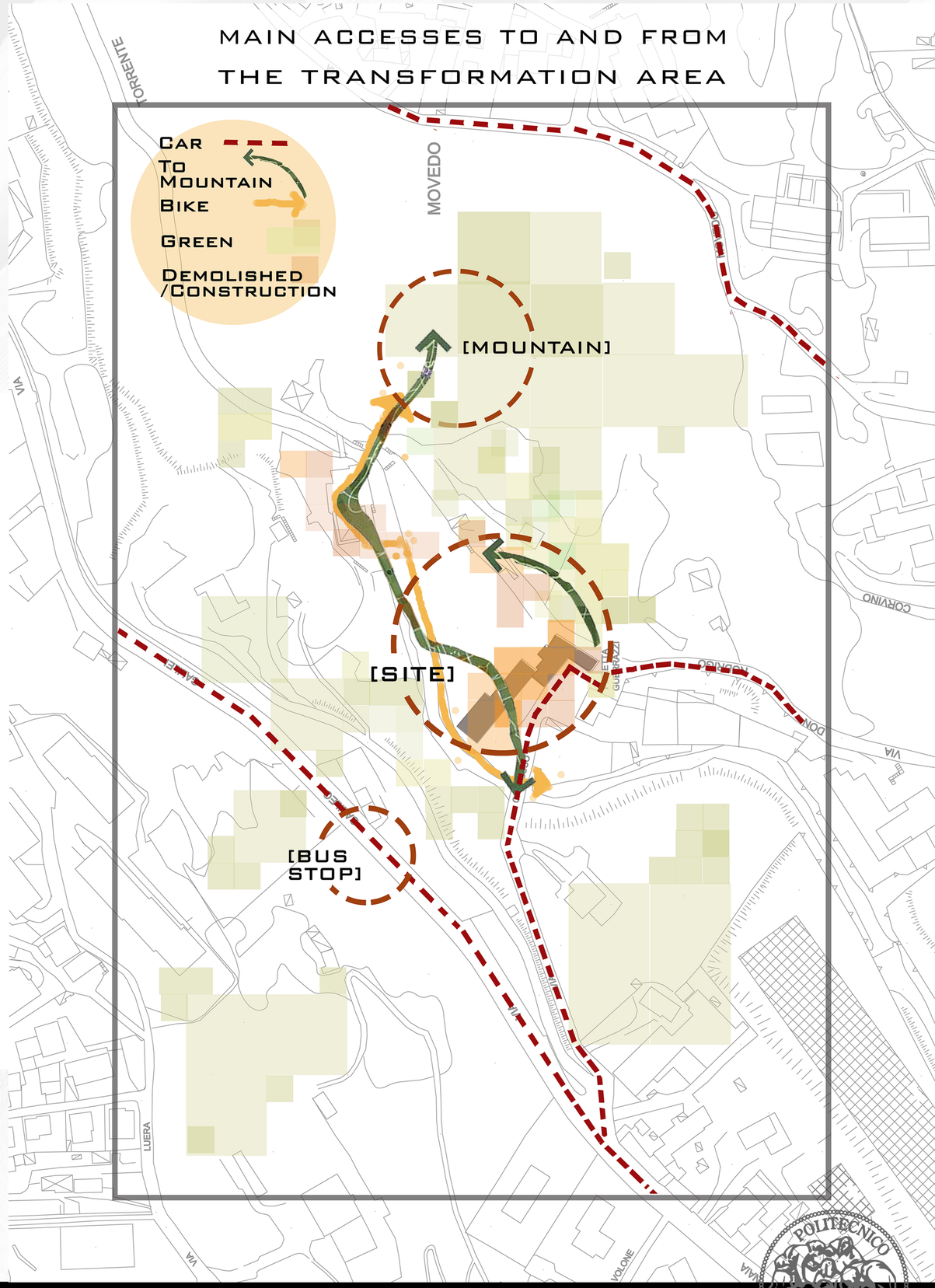
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OPPORTUNITIES RELATED TO LOCATION OF THE SITE

OUR TRANSFORMATION AREA IS LOCATED IN THE TRANSITION ZONE



MAIN ACCESSES TO AND FROM THE TRANSFORMATION AREA



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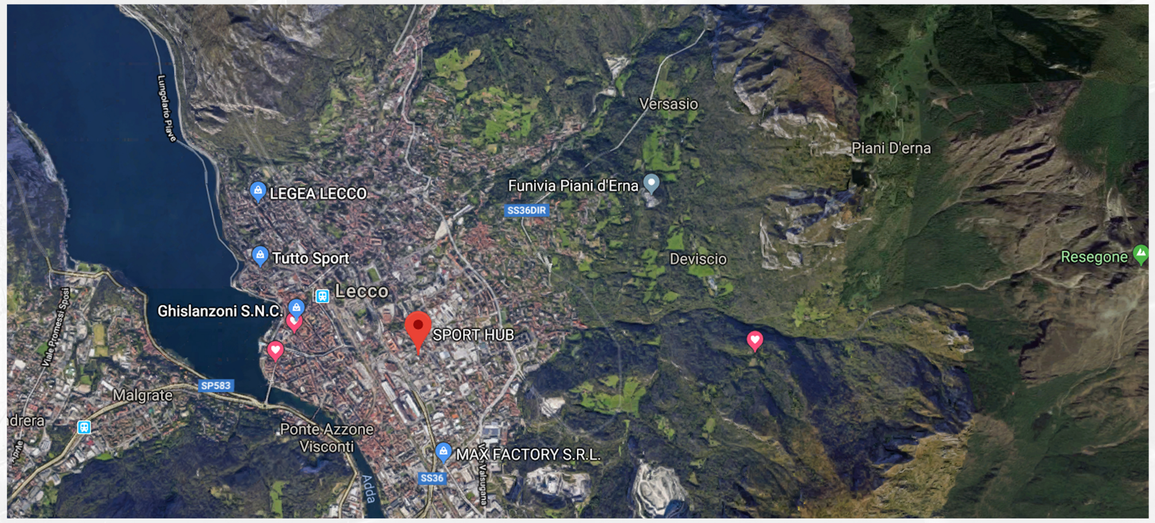
OPPOTUNITIES



LECCO IS A BEATIFUL DISTRICT SORROUNDED BY TALL AND BEAUTIFUL MOUNTAINS CONSISTING OF UNIQUE NATUE AND NATURAL HABITAT. THESE MOUNTAINS HAVE VERY GOOD POTENTIAL OF BEING A TOURIST ATTRACTION FOR THE AREA.

BUT THE LACK OF A PROFESSIONAL CENTRE FOR HIKING COMPLETELY IGNORES THIS POTENTIAL INSIDE OF THE CITY

USER NEEDS



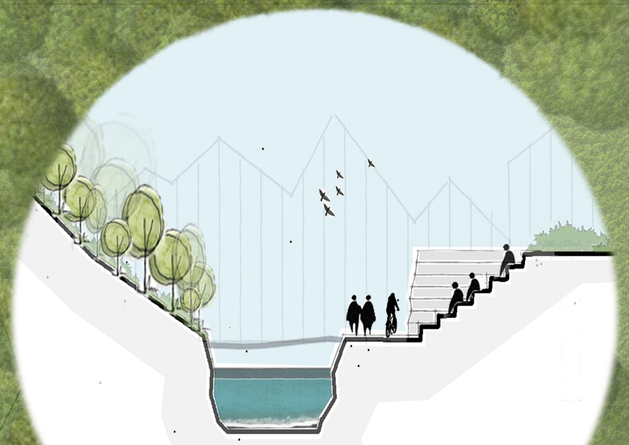
OUR GOAL

TO PROMOTE HIKING IN LECCO BY INTRODUCING A COMPLETELY **PROFESSIONAL HIKING HUB** WHICH INCLUDES ALL THE NECESSARY FUNCTIONS PLUS AN **EXHIBITION** AREA THAT CAN BRING IN PEOPLE EVEN IF THEY ARE NOT THERE TO HIKE. ALSO THIS VISIT CAN A MEMORABLE ONE BY VISITING A PLACE THAT KEEPS THE **ESSENCE OF HISTORY** OF BUILDINGS IN LECCO WHICH WITH THIS BUILDING BUILT IN 1700S IN THE INITIAL AREA OF LECCO THEY HAVE THIS OPPORTUNITY.

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GALILEO

GARABUSO



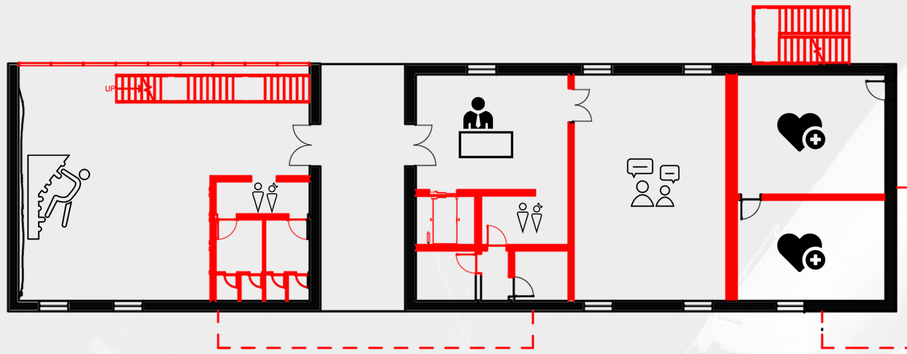
RIVER'S SECTION

LAYOUT

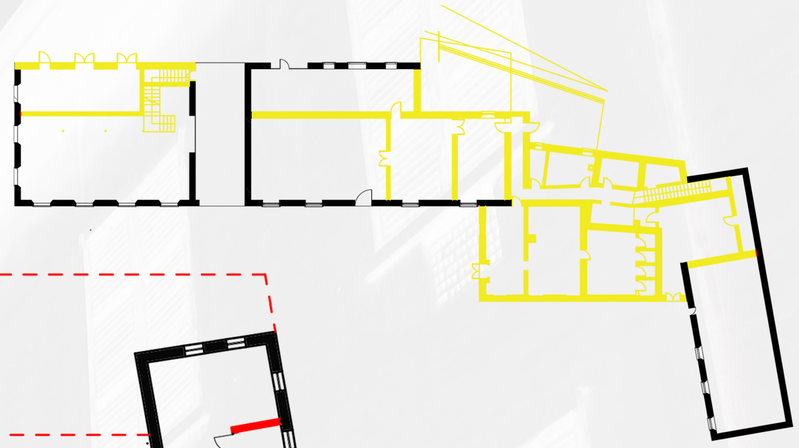
GROUP 12 | JAFARI REZA - MODARESI ALAM SABA - RUTHVIK NIRAUJAN - TAJIK RAMYAR - TASLIMI MAHSA

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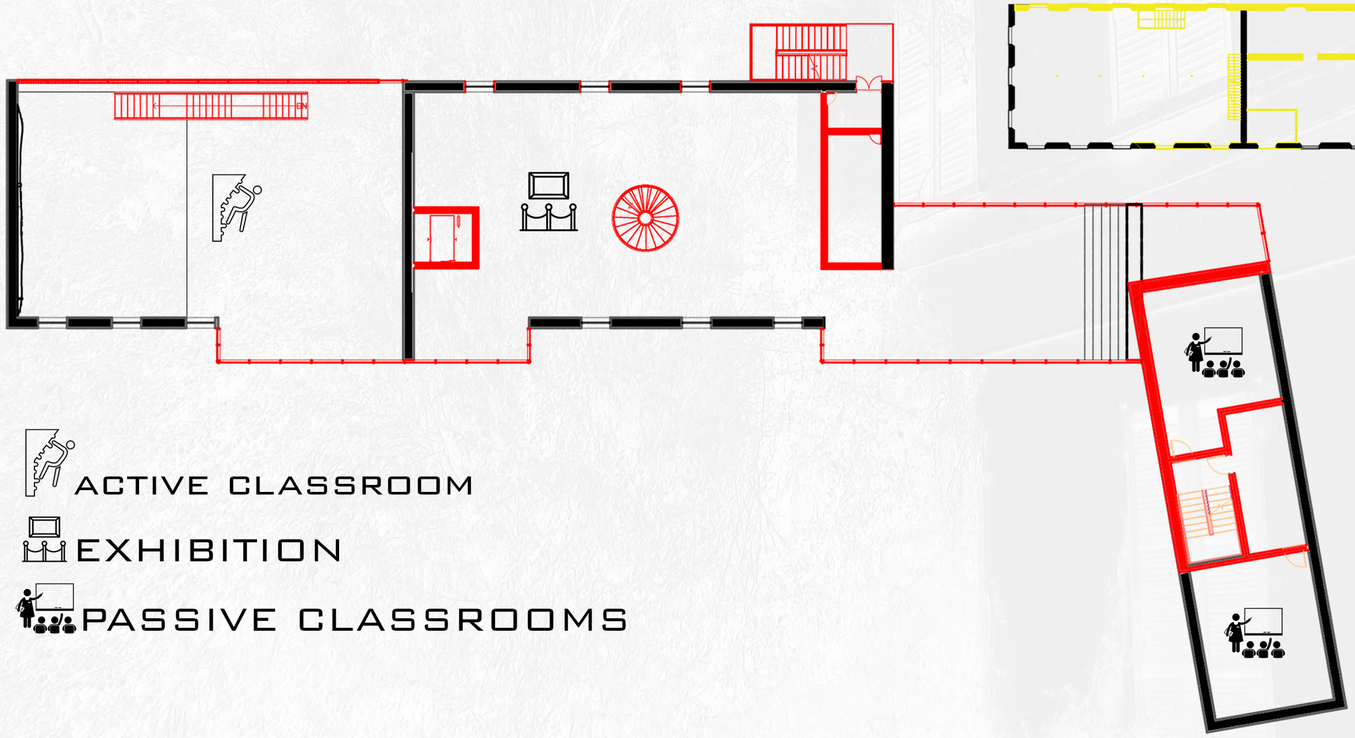


ACTIVE CLASSROOM
LOBBY
TOILETS
CONFERENCE
HEALTH CARE
OFFICES

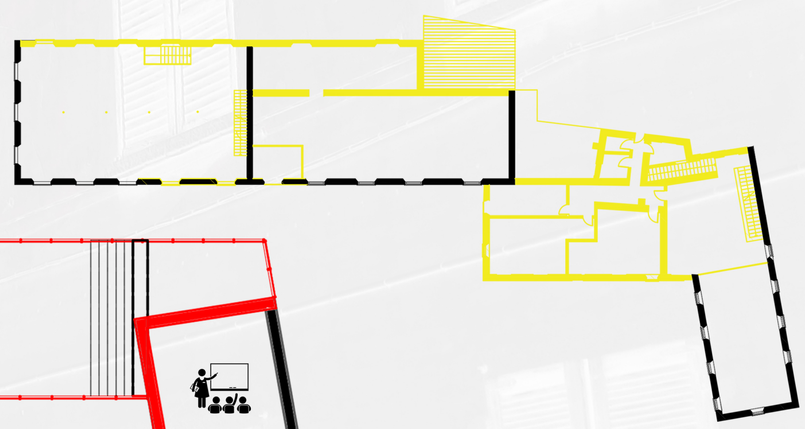


DEMOLISHED
CONSTRUCTED

GROUND FLOOR



ACTIVE CLASSROOM
EXHIBITION
PASSIVE CLASSROOMS

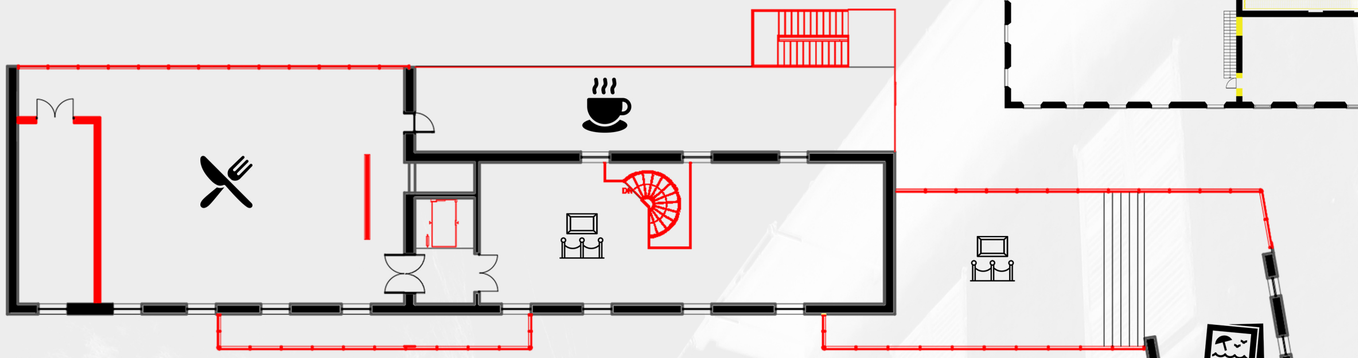


FIRST FLOOR

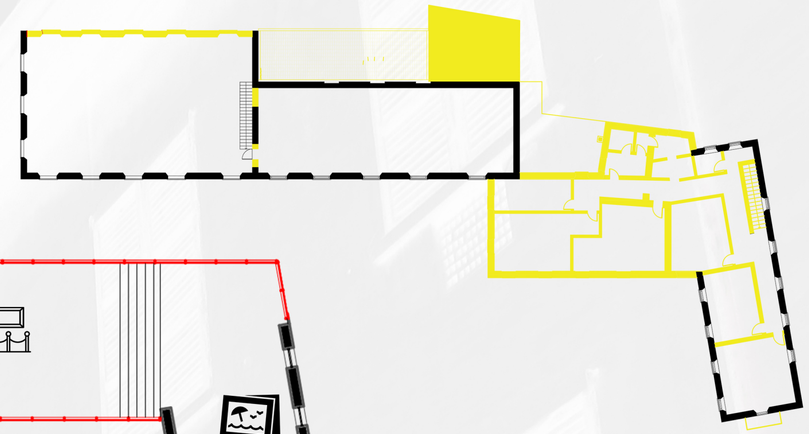
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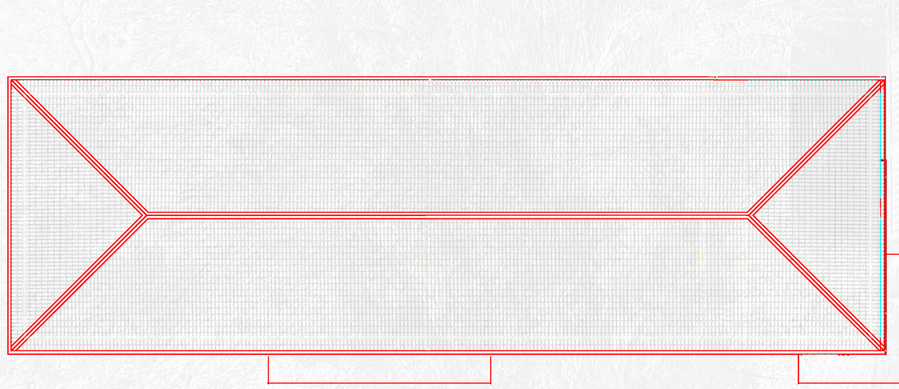
RESTAURANT
EXHIBITION
CHILD CARE
STORE
CAFE

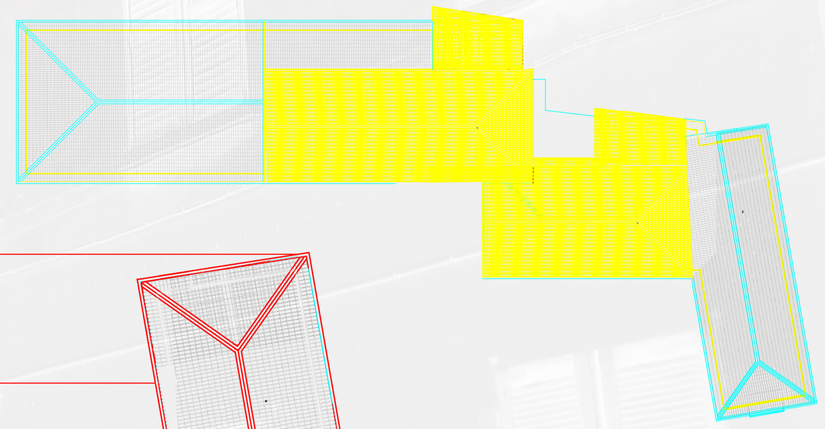


DEMOLISHED

CONSTRUCTED

SECOND FLOOR.....







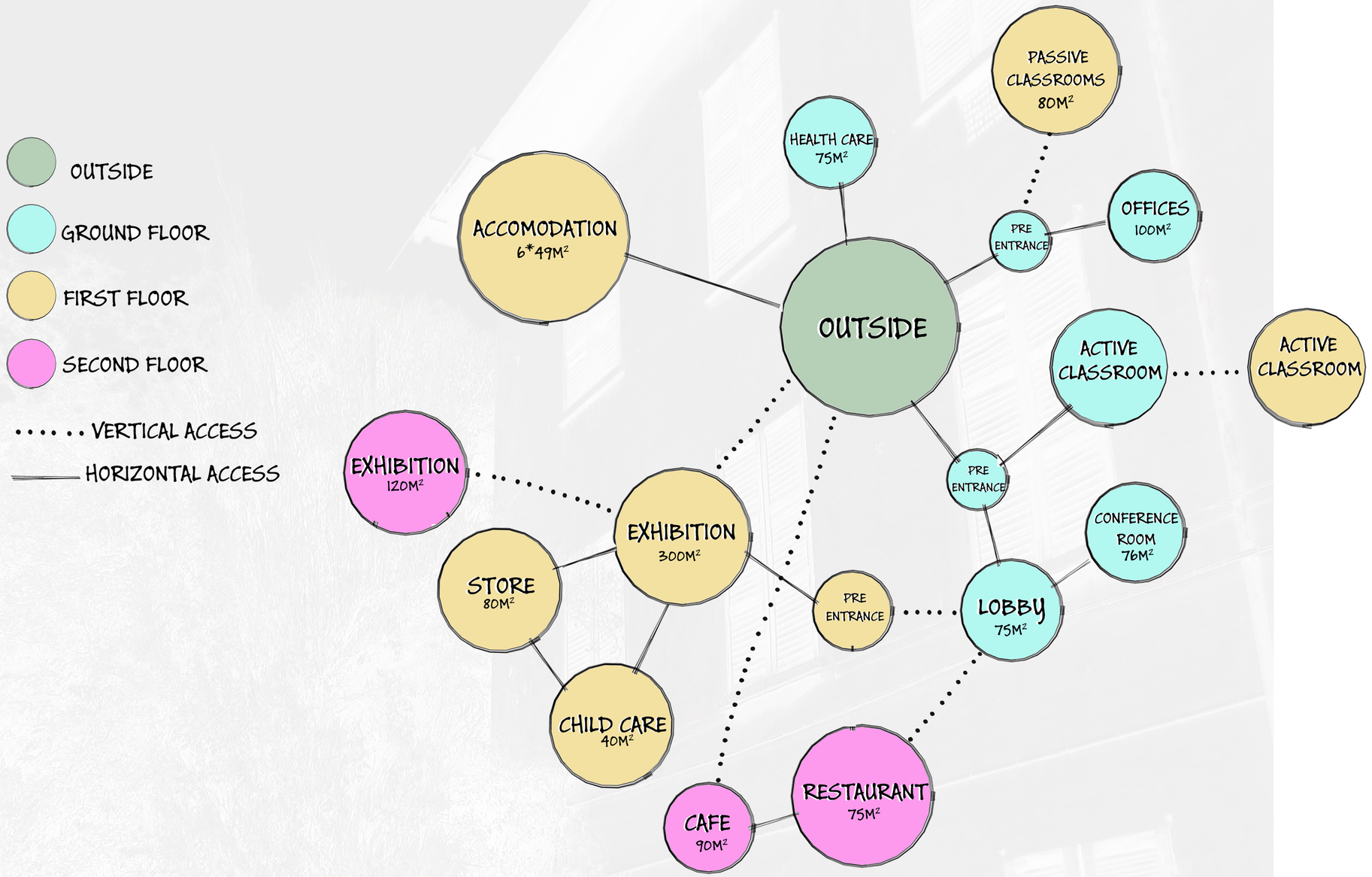
ROOF TOP.....

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FUNCTIONAL DIAGRAM



AREA	GROUND FLOOR	FIRST FLOOR	SECOND FLOOR	TOTAL
BUILDING A	218	233	232	683
BUILDING B	270	282	285	837
BUILDING C	145	248	247	640

TOTAL GROSS FLOOR AREA = 2160

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LECCO'S PROMOTIONAL HIKING CENTRE

GROUP 12
REZA JAFARI
SABA MODARESI ALAM
RUTHVIK NIRAUJAN
RAMYAR TAJIK
MAHSA TASLIMI

BUILDING RENOVATION 2018-19

POLITECNICO MILANO