URBAN CONCEPT

CONNECTING WITH HISTORY

URBAN AXES

CONTINUITY WITH ESTABLISHED URBAN SPACE

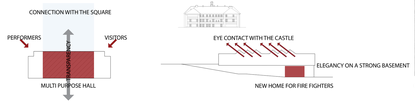
VOLUMETRY

1 NOISE BARRIER, 2 EMPHASIZE THE CASTLE,
3 SEPERATE SQUARE FROM THE PRIVATE HOUSES

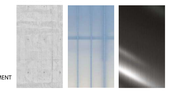
SQUARE ZONING

1 TRANSPORT, 2 RETAIL, 3 EVENTS/LEISURE

VISION



MATERIALS



CONCRETE POLYCARBONATE ALUMINIUM

ANNOTATION

The study assignment is a proposal for the development of the municipality of Nelahozeves and the combination of areas of life: civic amenities, education, culture and tourism.
To visually connect the upper and lower parts of the sloping square, the terrain level was raised by 1 m on the side of the railway line.
The residential staircase elegantly connects the height levels of the square and also serves as a seating area with a view to the castle.
The designed buildings, with their location, mass and shape, sensitively complement the local development. They connected Dvořák's birthhouse with the municipal office and post office, thus creating a new boundary line of the square.
The buildings, with their location, protect the square from noise from the railway line, separate the residential part from the public part and underline the importance of the Nelahozeves castle. The square is divided into 3 zones: transport (bus, taxi, K+R), urban amenities and a zone for social events and leisure.

My part of the proposal focuses on the urban development of the square and the design of the cultural center and fire station.
The building offers universal use of its spaces and is visually connected to the castle.
The proposal allows for regular and one-off events throughout the year. For example, farmers'/Christmas markets, concerts, discussions, talk shows, a clubhouse for firefighters and the local football team, spaces for leisure and sports activities.
The kindergarten and elementary school will be able to use the building for teaching, school performance and exhibitions of children's art work.
The cultural centre, being a new home for volunteer firefighters, a fire station, and parking for the cultural center in the basement, closes the square, shields the noise of the railway line, and respects the adjacent family house, as it preserves its view to the castle.
The cultural center is a two-story building set into the terrain. Its ground floor, which is at the square level, contains multifunctional spaces that can be divided by sliding walls into 2 separate parts with separate facilities (WC, changing rooms, cleaning room), logistics (separate access and supply by elevator and staircase in the core of the building) and separate entrances from the square.
The design includes using the area in front of the cultural center for open-air events.
In the summer, the square area can be transformed into the "third hall" of the cultural center by opening it with a sliding glass wall.
The center's large windows allow visitors to feel a sense of fusion with the surrounding area, and skylights provide a view to the castle.
The polycarbonate perimeter shell gives the building a light, modern and transparent appearance. At the same time, this double-skin facade solution significantly contributes to the building's low-energy thermoregulation and is supported by electric external window shading.

NORTH ELEVATION

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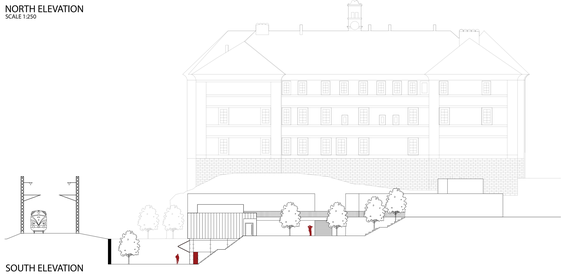
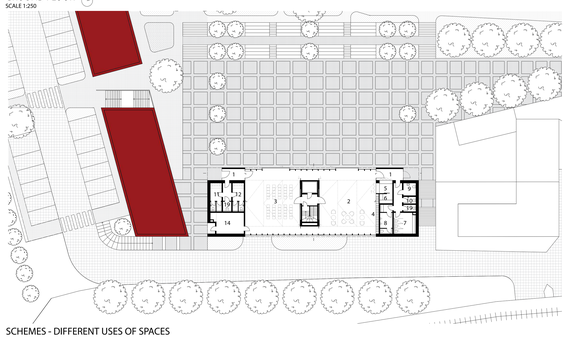


MASTER PLAN

SCALE 1:500

GROUND FLOOR

SCALE 1:250



WEST ELEVATION

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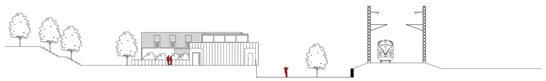
EAST ELEVATION

SCALE 1:250

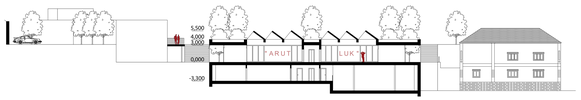
SOUTH ELEVATION



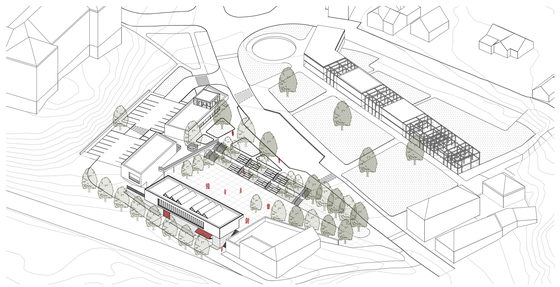
SCHEMES - DIFFERENT USES OF SPACES

SECTION

SCALE 1:250



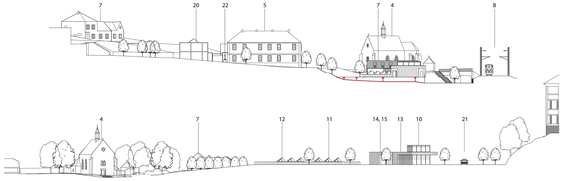
AXONOMETRY



LANDSCAPE SECTIONS

SCALE 1:500

1 NELAHOZEVES CASTLE
2 MUNICIPAL OFFICE
3 POST OFFICE
4 ST. ANDREWS CHURCH
5 ANTONÍN DVOŘÁK BIRTH HOUSE
6 RESTAURANT
7 PRIVATE HOUSE
8 RAILWAY
9 FOUNTAIN/MAY POLE/CHRISTMAS TREE
10 TOURIST INFORMATION CENTER
11 CULTURAL CENTER
12 FIRE STATION
13 SUPERMARKET
14 CAFÉ
15 COMMUNITY CENTER WITH LIBRARY
16 PHARMACY
17 HAIRDRESSER
18 DOCTOR, DENTIST
19 BANK
20 ACCOMODATION
21 PARKING
22 ANTONÍN DVOŘÁK STATUE

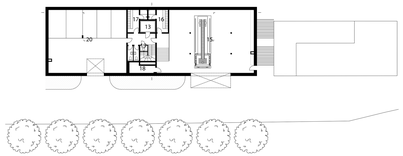


ROOM SCHEDULE

1 ENTRANCE
2 MULTIFUNCIONAL ROOM 1
3 MULTIFUNCIONAL ROOM 2
4 CLOAKROOM
5 BAR
6 BAR'S STORAGE
7 WOMEN'S TOILETS
8 MEN'S TOILETS
9 ACCESSIBLE TOILET
10 STAFF TOILET
11 LOCKER ROOM 1 - PERFORMERS/ATHLETS
12 LOCKER ROOM 2 - PERFORMERS/ATHLETS
13 ELEVATOR
14 STORAGE
15 FIRE STATION
16 FIRE FIGHTER'S LOCKER ROOM 1
17 FIRE FIGHTER'S LOCKER ROOM 2
18 TECHNICAL ROOM
19 CLEANING ROOM
20 PARKING

LOWER FLOOR

SCALE 1:250



SECTION

SCALE 1:250

NELAHOZEVES: THE CATALYST OF CHANGE

THE URBAN SPACE DESIGNED FOR LOCAL SYNERGY

CULTURAL CENTER AND FIRE STATION

DSM1

MAIO - BOHATÝ - HASSAN

SAMUEL SEDLÁK