KÚPEĽNÁ

MEDENÁ

MEDENÁ

ONLY AUTHORIZED VEHICLES PERMITTED

TOBRUCKÁ

MAIN ENTRANCE

MEDENÁ

BATH ENTRANCE

DISABLED ENTRANCE OF BATH

STAIRLIFT

STAFF & LOAD

KÚPEĽNÁ

VAJANSKÉHO

NABREŽIE

ENTRANCE TO THE RESTING ZONE OF BATH

STONE BENCHES

WOODEN TERRACE (OCCASSIONALLY STAGE)

< CAFÉ ENTRANCE

LIBRARY

STAIRLIFT

RELOCATED LIFT

REFRESHMENTS

DISAB.

GLASS

AIR TUBES

OLD BOILERS

STAIRLIFT

CAFÉ

INDOOR AREA 214 M2
C101 TABLE AREA
C102 READING AREA
C103 KID'S AREA
C104 LAVATORIES
C105 SERVICE AREA
C106 TERRACE 53 M2

LIBRARY

L101 COUNTER, LOCKERS
SELF-CHECK
0-24 H LIBRARY
L102 LAV'S 4 M2

CITY BATH

B101 LOBBY-TICKET-RENT-SHOP 98 M2 - B102 CHANGING ROOM 29 CABINS 70 M2
B103 SHOWER CORRIDOR 16 N2 - B104 RELAX AREA & REFRESHMENTS 184 M2
B105 RECREATIONAL POOL 101 M2, WATER 55 M2 - B106 RELAX AREA 108 M2
B107 FEMALE+DISABLED LAV'S 10 M2 - B108 FEMALE SHOWER 10 M2
B109 SERVICE TRESPASS - B110 MALE SHOWER 9 M2 - B111 MALE LAV'S 12 M2
B112 STORAGE 6 M2 - B113 FIRST AID 14 M2 - B114 EQUIPMENT ST 16 M2
SAUNA+ENTRY 2x14 M2 - B116 SHOWERS 2x5 M2 - STEAM CABINS 2x6 M2+2 M2
B118 SITTING POOLS 202 M2 WATER 86 M2 - B119 SWIMMING POOL 363 M2
WATER 209 M2 - B120 LAV'S 17 M2 - B121 OUTDOOR RECREATIONAL POOL 114 M2
B122 OFFICE 16 M2 - B123 OFFICE 14 M2 - B124 STAFF 12 M2 - B125 LAUNDRY 8 M2
B126 IMMEDIATE ENTRY TO POOL AREA 9 M2 - B127 CHANGING ROOMS 2x12 M2
B128 LOADING 24 M2

CITY BATH

B122 LOBBY 44 M2
B123 CHANGING ROOM+SHOWER 31 M2
B124 CHANGING ROOM+SHOWER 28 M2
B125 LOBBY 20 M2 - B126 SERVICE 17 M2
B127 UNDER THE COOL POOL 7 M2
B128 UNDER THE WARM POOL 7 M2
B129 MALE LAV' 8 M2
B130 FEMALE LAV' 14 M2
B131 DISABLED LAV' 3 M2
B132 CLEANING STORAGE 3 M2
B140 RECREATIONAL COURT 268 M2

1ST FLOOR PLAN AND SITE PLAN 1:300

SECTION 1

EXISTING APARTMENTS
EXISTING CHIMNEY
TRANSPARENT ROOF
OPEN-COVERED TERRACE
PHOTOVOLTAIC TILE ROOFING
TOP OF ELEVATOR
GREEN ROOF
LIBRARY ACTIVE ZONE
LIBRARY RESTING ZONE
VAJANSKÉHO
MEDENÁ
SALTWATER POOL
LOBBY
SAUNA
CHANGING ROOM
SHOWER
RELAXING AREA
COLD-WARM POOL AREA
STAIRLIFT
EXISTING SWIMMING POOL
EXISTING SITTING POOL
FRESH AIR
GEOTHERM HEATING
LIBRARY 0-24 H
WORKSHOP
BENCHES
WOODEN TERRACE

SECTION 2

ACOUSTIC SHELTER
PHOTOVOLTAIC TILE ROOFING
NEW SERVICE BUILDING
CHANGING ROOM
GREEN ROOF
PHOTOVOLTAIC TILE ROOFING
TOP OF ELEVATOR
TRANSPARENT ROOF
GREEN ROOF
LIBRARY STORAGE
LIBRARY RESTING ZONE
MEDENÁ
NEW OUTDOOR POOL
EXISTING WELL
LAV'S
POOL TECHNOLOGY
SHOWER
SHOWER
LAV'S
STR.
1ST AID
KID'S ZONE
CAFÉ STORAGE
CAFÉ
TRANSFORMER

AERIAL

NORTHERN FACADE

PROPOSED TERRACE (STEEL STRUCTURE - WOODEN FLOOR - GLASS PARAPET)

WESTERN FACADE

PROPOSED NEW SERVICE BUILDING

KUPEL'NA

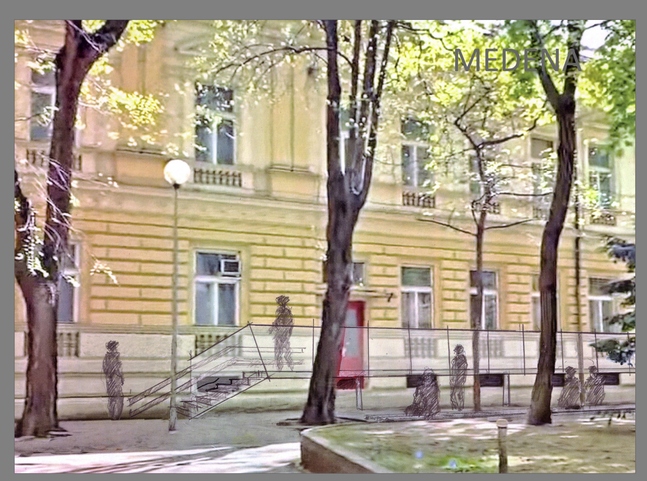
SECTION 3

CHANGING ROOM
THERAPY LOBBY
PHOTOVOLTAIC TILE ROOFING
TRANSPARENT ROOF
KÚPEĽNÁ
NORTH-EAST COURT
CHANGING CABINS
LOBBY
POOL TECHNOLOGY
RECREATIONAL SPACE
NEW INDOOR RECREATIONAL POOL
STEAM CHAMBERS
VENTILATION MACHINE ROOM
EXISTING SITTING POOL
TERRACE

SECTION 4

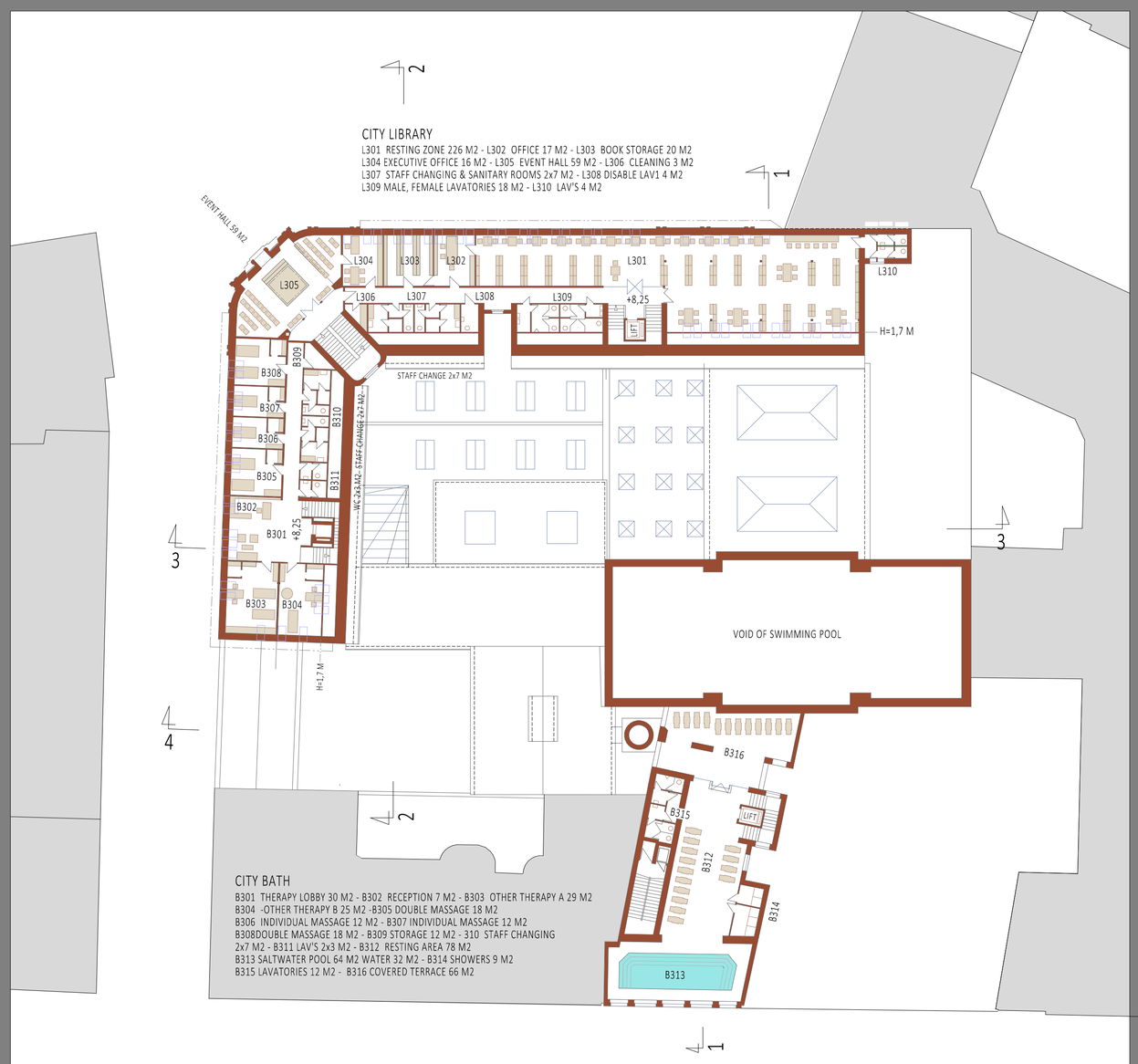
NEW SERVICE BUILDING
GREEN ROOF
ONE-TIME BOILER HOUSE
KÚPEĽNÁ
OLD BOILER
DISMANTLED LOWER PART OF FRONT WALL
NEW OUTDOOR RECREATIONAL POOL
EXISTING WELL
EXISTING SWIMMING POOL
OLD BOILER
ACOUSTIC SHELTER
APARTMENT HOUSE
WELL
NEW OUTDOOR RECREATIONAL POOL

MEDENA



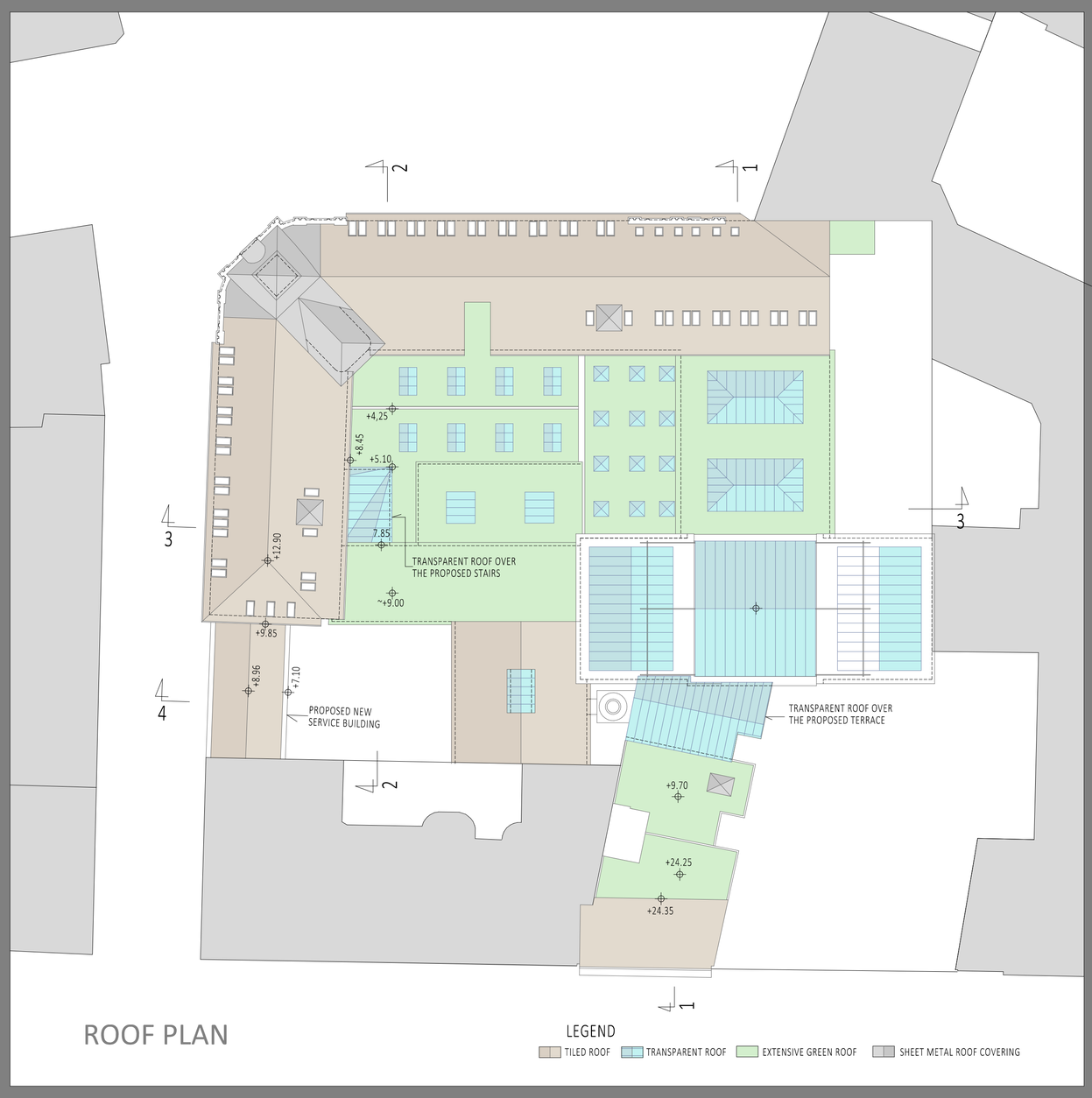
GRÖSSLING - CITY BATH, CITY LIBRARY, PARK - ARCHITECTURAL COMPETITION

2ND FLOOR PLAN 1:300



3RD FLOOR PLAN

BASEMENT PLAN



ROOF PLAN

DESCRIPTION

FORTUNATELY, THE OUTER FACADES AND MANY INNER DETAILS OF THE GRÖSSLING BUILDING HAVE PRESERVED THEIR ORIGINAL CHARACTER, WHICH WAS RESPECTED DURING THE 1914 CONVERSION AND EXTENSIONS TOO, BUT IT HAS UNDERGONE MANY TRANSFORMATIONS OVER THE PAST 120 YEARS. TRANSFORMATIONS HAVE OFTEN RESULTED COERCIVE SOLUTIONS. THE ORIGINALLY UNIFIED FACILITY GRADUALLY BECAME A SET OF SMALLER STAND-ALONE UNITS. AS A RESULT, THE INTERIOR SYSTEM OF THE BUILDING HAS BECOME LESS AND LESS COHERENT.
IT SEEMS THAT THERE IS NO LONGER POSSIBILITY FOR THE BUILDING TO BE MONOFUNCTIONAL AGAIN AS IT WAS BEFORE THE FIRST WORLD WAR, BUT THE PROGRAM OF THIS COMPETITION OFFERS A POSSIBILITY OF RE-ESTABLISHING A COHERENT BUILDING FROM THE COOPERATING DIFFERENT UNITS.

ARCHITECTURAL INTENTIONS AND SOLUTIONS

WHEN WE DEVELOPED OUR PROPOSAL, OUR MAIN EFFORT WAS TO RECALL SOMETHING OF THAT ELEGANCE OF "BELLE EPOQUE" THAT THE BUILDING EXTERNALLY EXPRESSES ALSO IN THE RANGE OF THE INTERIOR SPACES OF THE BUILDING. WE THOUGHT THAT THE SECRET OF THAT ELEGANCE IS HIDDEN NOT ONLY IN THE RICHNESS AND BEAUTY OF THE ARCHITECTURAL FORMS BUT IN THE WAY OF ORGANIZATION OF THE SPACES. THIS ATTEMPT CAN BE CHARACTERIZED WITH THE KEYWORDS OF

ORDER, AXIALITY, SYMMETRY AND TRANSPARENCY.

THESE CONSIDERATIONS SOMETIMES CONFLICT WITH THE REQUIREMENT TO PRESERVE THE ORIGINAL STRUCTURES AT ALL PRICE. FOR EXAMPLE THE NARROWISH OLD SERVICE STAIRCASE IS THERE, WHERE THE HIGH CAPACITY CHANGING ROOMS AND THE THERAPY ROOMS SHOULD BE ACCESSED. WE DID NOT KEEP THIS UNDERLING STAIRS IN OUR PLAN, BUT RECOMMENDED THE CONSTRUCTION OF A NEW SUITABLE SPACIOUS STAIRCASE WITH ELEVATOR.. FOR SAKE OF TRANSPARENCY AND PERMEABILITY WE HAVE PROPOSED ALSO NEW DOORS IN THE POOL SPACES THAT THERE WERE NOT EARLIER.

THE RELATIONSHIP OF THE THREE FACILITIES

THE LOCATION OF THE THREE FACILITIES IS CLEARLY DUE TO THE FACT THAT THE CONNECTION BETWEEN THE LIBRARY AND THE PARK ALONG MEDENÁ STREET IS REQUIRED BY BOTH THE CALL FOR TENDERS AND REASONABLENESS. THE SYMMETRICAL DIVISION OF THE MULTI-STOREY BUILDING BETWEEN THE LIBRARY AND THE BATH ON EITHER SIDE OF THE DIAGONAL MAIN ENTRANCE ALSO INEVITABLY DERIVES FROM THE SPACE REQUIREMENTS OF THE TWO FACILITIES. LOCATION OF THE CAFE IS EVIDENT BETWEEN THE LIBRARY AND THE BATH.
WE WANTED TO PLACE THAT PREMISES IN THE STREET SIDE OF THE MAIN LEVEL THAT ARE ATTRACTIVE FOR THE PUBLIC. THAT'S WHY WE HAVE DESIGNED HERE A CONTINUOUS, PERMEABLE RANGE OF SPACES THAT CONSISTS OF THE LIBRARY'S OPEN GROUND FLOOR AREA, THE CAFÉ, THE ELEGANT MAIN ENTRANCE AND THE SPACIOUS NEW LOBBY OF THE CITY BATH. THIS SEQUENCE OF SPACIOUS ROOMS CAN CLASP TOGETHER THE BATH, CAFÉ AND LIBRARY. THE SYMMETRICAL DIVISION OF THE MULTI-STOREY BUILDING ON EITHER SIDE OF THE DIAGONAL MAIN ENTRANCE BETWEEN THE LIBRARY AND THE BATHROOM ALSO INEVITABLY RESULTS FROM THE SPACE REQUIREMENTS OF THE TWO FACILITIES. WE HAVE FURTHER INCREASED THIS SYMMETRY IN OUR PLAN BY DISMANTLING THE ORIGINAL SIDE STAIRCASE IN THE KÚPEL'NÁ STREET WING AND DESIGNING A NEW ELEVATOR AND STAIRCASE WITH THE SAME LEVEL OF DEMAND AS THE STAIRS IN THE LIBRARY WING.

THE THREE EXISTING ENTRANCE OF THE BULDING BECAME COEQUAL IN OUR PROPOSAL. THE KÚPEL'NÁ STREET AND THE MEDENÁ STREET ENTRANCES WITH THE STAIRLIFTS ARE SUITABLE FOR THE DISABLED PEOPLE TOO.

THE CITY LIBRARY

THE LIBRARY IS ACCESSIBLE FROM THE TERRACE SHARED WITH THE CAFÉ. THE STAIRCASE TO THE TERRACE IS ALSO EQUIPPED WITH A STAIR LIFT, THEREFORE IT IS SUITABLE FOR THE DISABLE PEOPLE. THIS TERRACE PROVIDES THE CONNECTION OF THE PARK AND THE LIBRARY. WE HAVE PROPOSED TO PROHIBIT VEHICLE TRAFFIC FROM THE AREA BETWEEN THE PARK AND THE BUILDING, SO THE LIBRARY CAN BE GIVEN A PEDESTRIAN FORGROUND.
THE TERRACE IS SUITABLE FOR PODIUM LECTURES IN ADDITION TO THE PURPOSE RELATED TO THE COFFEE HOUSE, THEREFORE IN THE FORGROUND OF THE LIBRARY AND THE CAFÉ THERE ARE BUILT BENCHES FOR THE AUDIENCE.
LOCATION ON THREE LEVELS OF A LIBRARY MAY NOT BE IDEAL, BUT THIS ARRANGEMENT MAKES IT POSSIBLE TO SEPARATE NOISIER AND QUIETER ZONES.
THE LARGER SPACES IN THE LOWER TWO LEVELS SEEMED FOR US SUITABLE FOR LOCATING THE INTERACTIVE ZONE, THE SMALLER SPACES AND THE LARGER SPACE IN THE UPPER LEVEL FOR THE QUIET READING.
AN EXCITING LECTURE SPACE OR LITTLE THEATER CAN BE BUILT UP IN THE INTERIOR OF THE CORNER TOWER OF THE BUILDING, THEREFORE WE IMAGINED IT AS PART OF THE LIBRARY. IT IS IMMEDIATLY ACCESSIBLE FROM THE MAIN ENTRANCE OF THE BULDING, THE DISABLED PEOPLE CAN GET TO THERE THROUGH THE LIBRARY.
THE FORMER MAIN STAIRCASE OF THE BUILDING IS ESSENTIALLY THE SECOND STAIRCASE IN OUR PROPOSAL FOR THE LIBRARY AND THE TWO APARTMENTS RELATED TO IT.
WE HAVE PLANNED 208 M LONG OPEN ACCESS BOOKSHELVES ON THE THREE LEVEL OF THE LIBRARY, THEIR ESTIMATED CAPACITY IS 52 000 BOOKS ARRANGED IN SIX ROW ABOVE EACH OTHER ON THE BBOKSHELVES.

THE CITY BATH

ONE COULD SAY, THAT THE BIG LOBBY IN OUR PROPOSAL IS TOO LUXURIOUS FOR THAT BATH. WE SAY, THAT THIS IS NOT RIGHT, IF THE BATH IS A PLACE, WHERE THE PEOPLE NOT ONLY HAVE A BATH BUT THEY CAN MEET, OR WHERE THEY CAN BUY NEWSPAPERS OR TRAFFIC GOODS, ETC. THIS LONG LOBBY HAS PROVIDED THE OPPORTUNITY THAT THE ENTRANCE CAN BE NOT ONLY IN DIRECT CONTACT WITH THE CHANGING ROOMS, BUT ALSO WITH THE CAFÉ AND EVEN WITH THE BATH OFFICES TOO.
WE WERE ABLE TO DESIGN THE CHANGING ROOMS ONLY ON THREE LEVELS. OUR PLAN PROVIDES 88 CABINS ON THE FIRST FLOOR AND IN TWO BASEMENT ROOMS WITH VAULTED CEILINGS. A TOTAL OF 290 LOCKERS WITH CHANGING BOOTHS WERE PLACED IN TWO GROUPS ON THE SECOND FLOOR OF KÚPELNA STREET WING. THE TWO ROOM GROUPS CAN BE USED SEPARATELY BY GENDER IN CASE OF A CLAIM. THE CHANGING ROOMS IN THE BUILDING AT VAJANSKÉHO NABREŽIE ARE SIMILER FOR 70 PEOPLE.

BOTH THE CHANGING ROOMS AND THE THERAPY ROOMS ON THE THIRD FLOOR ARE ACCESSIBLE FOR DISABLED PEOPLE BY ELEVATOR. ELEVATOR SERVES THE UPPER FLOORS OF THE BUILDING AT VAJANSKÉHO NABREŽIE TOO.
WE TRIED TO ORGANIZE THE POOL HALLS AND THE LARGE U-SHAPED REST AREA INTO A WELL-REVIEWABLE RANGE OF SPACES. WE TRIED TO DEVELOP OPTICAL AXES THAT HELP THE PERCEPTION OF THE LINKING OF THE SPACES.
WE HAVE THOUGHT IT IS NECESSARY TO LOCATE AGAIN A POOL INTO THE SPACE, WHICH WAS CONSTRUCTED AS A SWIMMING HALL WHEN THE BATH WAS BUILT. THIS NICE ROOM IS SURROUNDED BY THE U-SHAPED REST AREA, SO WE TRIED TO MAKE IT TRANSPARENT BY PLANNING NEW OPENINGS ON IT.
WE CONSIDER THE SOUTH EAST COURT SUITABLE FOR THE LOCATION OF THE NEW OUTDOOR POOL, BECAUSE THERE IS A DIRECT CONTACT WITH THE LARGE INDOOR RESTING AREA.
WE'VE WANTED TO LET THE OLD BOILERS NOT STAY IN A SPACE LOCKED AWAY, BUT THEY CAN BECAME THE NATURAL ELEMENTS OF THE BATHERS' ENVIRONMENT. THAT'S WHY WE PLANNED TO DISMANTLE THE LOWER PART OF THE FACADE WALL OF THE OLD BOILER HOUSE AND TO EXTEND THE PLANNED OUTDOOR POOL INTO THE HOUSE AND PLANNED A RESTING PLACE ON THE TOP OF THEM.
THE EXISTING WATER SURFACE IS 295 M2 LARGE, THE PLANNED NEW WATER SURFACE IS 156 M2 AND A 32 M2 FURTHER WATER SURFICE AS SALTWATER POOL ON THE SECOND FLOOR OF THE BUILDING AT VAJANSKÉHO NABREŽIE.

THE CAFÉ

THE CAFÉ WAS DESIGNED BETWEEN THE LIBRARY AND THE LOBBY OF THE BATH CORREPONDING TO THE COMPETITION BRIEF. WE HAVE CONSIDER IT AS THE PART OF THE LIBRARY THAT IS MANAGED BY OTHERS.
IN THE CAFÉ 50 INDOOR AND 20 OUTDOOR PLACE IS PROVIDED AND 20 SEAT FOR READING GUESTS.
THE SERVICE PART OF THE CAFÉ IS CONNECTING BOTH TO THE RESTING AREA OF THE BATH AND THROUGH THE EXISTING STAIRS TO THE BASEMENT. IN THE BASEMENT ARE PLACED THE STORAGES AND THE STAFF FACILITIES.

ENERGY SOLUTIONS

THE ESTIMATED PEAK HEATING ENERGY DEMAND OF THE BUILDING IS ABOUT 750 kW WITH THE ORIGINAL TRADITIONALLY WEAKLY INSULATED EXTERIOR WALLS AND ROOFS. THIS DEMAND IS UNREALLY HIGH TODAY.
FIRST OF ALL THE ENERGY DEMAND OF THE BUILDING SHOULD BE EFFECTIVELY REDUCED BY ADDITIONAL THERMAL INSULATION OF THE ROOFS, THE INNER SIDE FACADES AND THE WINDOWS. THREE LAYERED GLAZING SHOULD ALSO BE PLACED UNDER THE GLASS SKYLIGHTS IN THE NIVEAU OF THERMAL INSULATION OF ROOF. WE RECOMMEND THE REPLACEMENT OF TODAY'S RUSTY METAL SHEET ROOF COVERINGS WITH GREEN ROOFS. THIS HAS NOT ONLY AESTHETIC BUT ALSO ENERGY BENEFITS.
WE CONSIDER THE GEOTHERMAL ENERGY AS THE MAIN POSSIBLE SOURCE OF RENEWABLE ENERGY. THE AREA NEEDED FOR THE WELLS SHOULD BE PROVIDED IN THE AREA BEFORE THE NORTH SIDE OF THE BUILDING, AND - IF THERE IS TECHNICAL POSSIBILITY TO THAT - IN THE NORTH-EAST COURTYARD.
THE UTILIZATION OF SOLAR ENERGY SHOULD ALSO BE TAKEN INTO ACCOUNT BY OUR OPINION. IN THIS ENVIRONMENT ONLY THE USE OF PHOTOVOLTAIC TILES WITH A TRADITIONAL SIZE AND FORM MAY BE CONSIDERED ON THE PITCHED ROOFS BUT ABOUT 120 kWp OF ENERGY COULD BE PROVIDED IN THIS WAY. THE NECESSARY SOLAR ENERGY CENTER CAN BE ESTABLISHED ON THE UPPER LEVEL OF THE PROPOSED NEW SERVICE BUILDING.

GRÖSSLING - CITY BATH, CITY LIBRARY, PARK - ARCHITECTURAL COMPETITION