MUSEUM OF LIGHT - BROKIS - HOTEL CONVERSION

JANŠTEJN, CZECH REPUBLIC

STUDIO BOHATÝ / MAIO / HASSAN

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DESIGN STUDIO M2

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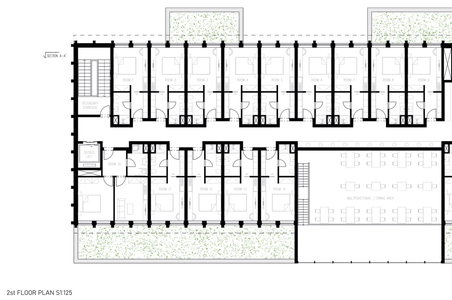
FACULTY OF CIVIL ENGINEERING CTU IN PRAGUE

THE CONCEPT OF THE BUILDING AND THE URBAN DESIGN IS BASED ON THE TRANSFORMATION OF THE AREA CONNECTED TO THE BROKIS COMPANY AND ITS EXISTING BUILDINGS. THE DESIGN WAS DEVELOPED AS PART OF A GROUP PROPOSAL, IN WHICH FOUR BUILDINGS WERE SOLVED TOGETHER WITHIN ONE COMMON URBAN AND ARCHITECTURAL STRATEGY. THE MAIN ELEMENT CONNECTING ALL THESE BUILDINGS IS BROKIS GLASS. THIS GLASS COMPONENT APPEARS ON EACH BUILDING IN A DIFFERENT FORM, BUT ALWAYS WORKS AS A RECOGNIZABLE MOTIF THAT LINKS THE WHOLE AREA TOGETHER AND REFERS TO THE IDENTITY OF BROKIS. FROM THE URBAN POINT OF VIEW, THE HOTEL BUILDING PLAYS AN IMPORTANT ROLE IN THE NORTHERN PART OF THE SITE. IT COOPERATES WITH THE NEARBY EXISTING BROKI ACCOMMODATION BUILDING AND TOGETHER THEY CREATE A FUNCTIONAL BACKGROUND FOR THIS PART OF THE AREA. THE HOTEL IS NOT DESIGNED ONLY AS A SEPARATE ACCOMMODATION FACILITY, BUT ALSO AS A CENTRAL, SUPPORTING BUILDING FOR THE ACCOMMODATION AND THE GLAMPING AREA. IT CONTAINS THE MAIN RECEPTION, SHARED COMMON SPACES, A MULTIFUNCTIONAL DINING AREA AND OTHER FACILITIES USED BY HOTEL GUESTS, USERS OF THE ACCOMMODATION BUILDING AND VISITORS OF THE GLAMPING AREA. IN TERMS OF ITS FORM, THE BUILDING RESPECTS THE ORIGINAL STRUCTURE OF THE FORMER SPORTS HALL. THE EXISTING LOAD-BEARING STRUCTURE AND THE CHARACTER OF THE FORMER SPORTS HALL. THE PROJECT WORKS WITH THE ORIGINAL CHARACTER, MASS AND SIMPLE INDUSTRIAL EXPRESSION OF THE BUILDING WHILE ADDING NEW CONTEMPORARY LAYERS. A NEW SECOND FLOOR INCREASES THE CAPACITY AND IMPROVES THE FUNCTIONAL ORGANIZATION. COVERED PARTS AND ROOFED AREAS MAKE THE BUILDING MORE COMFORTABLE TO USE AND STRENGTHEN THE CONNECTION BETWEEN INTERIOR AND EXTERIOR. THE PROJECT IS ALSO COMPLEMENTED BY PHOTOVOLTAIC PANELS AND GREEN ROOFS, WHICH SUPPORT A MORE SUSTAINABLE AND CONTEMPORARY APPROACH.

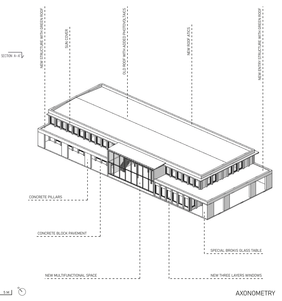
CONCEPT OF THE BUILDING

SITE PLAN S1:500

WIDER SITE CONTEXT S1:2000

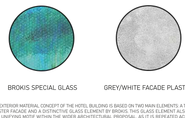


2st FLOOR PLAN S1:125



AXONOMETRY

1st FLOOR PLAN S1:125



BROKIS SPECIAL GLASS

GREY/WHITE FACADE PLASTER

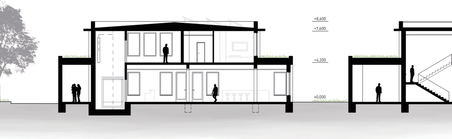
THE EXTERIOR MATERIAL CONCEPT OF THE HOTEL BUILDING IS BASED ON TWO MAIN ELEMENTS: A TWO-TONE PLASTER FACADE AND A DISTINCTIVE GLASS ELEMENT BY BROKIS. THIS GLASS ELEMENT ALSO SERVES AS A UNIFYING MOTIF WITHIN THE WIDER ARCHITECTURAL PROPOSAL, AS IT IS REPEATED ACROSS THE NEW BUILDINGS IN THE AREA. THE FACADE USES WHITE AND GREY PLASTER TO EMPHASISE THE HORIZONTAL LAYERING OF THE BUILDING AND TO STRUCTURE THE INDIVIDUAL FLOORS. THE OVERALL EXPRESSION IS MINIMALISTIC, CLEAR AND CALM. THE SIMPLE MATERIAL AND COLOUR PALETTE REFERS TO THE ORIGINAL BUILDING WHILE TRANSFORMING ITS CHARACTER INTO A CONTEMPORARY ARCHITECTURAL LANGUAGE.

METAL ELEMENTS

OAK WOODEN ELEMENTS

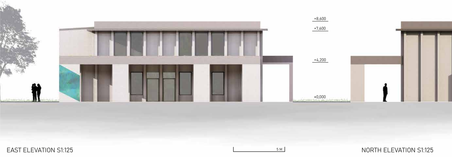
THE INTERIOR MATERIAL CONCEPT IS BASED ON A BALANCED COMBINATION OF METALLIC ELEMENTS AND NATURAL OAK WOOD. METAL IS USED AS A DISTINCT DETAIL THROUGHOUT THE INTERIOR, ESPECIALLY IN THE MAIN COMMON SPACES, WHERE IT HELPS EMPHASISE THE INDUSTRIAL CHARACTER OF THE BUILDING AND REFLECTS THE ORIGINAL NATURE OF THE BUILDING, WHICH FORMERLY FUNCTIONED AS A SPORTS HALL AND CARRIED A CERTAIN TECHNICAL AND INDUSTRIAL EXPRESSION. OAK WOOD CONTRASTS WITH THE METALLIC SURFACES AND BRINGS WARMTH, SOFTNESS AND A MORE DOMESTIC ATMOSPHERE INTO THE HOTEL INTERIOR. IT IS USED IN FLOORING, WALL SURFACES, BUILT-IN WARDROBES, STORAGE ELEMENTS AND CUSTOM-MADE FURNITURE DESIGNED SPECIFICALLY FOR THIS PROJECT. THE COMBINATION OF THESE MATERIALS CREATES A CLEAR SPATIAL HIERARCHY OF EACH SPACE, CREATING A FUNCTIONAL AND COHERENT INTERIOR. IN THE COMMON ZONES, THE INDUSTRIAL REFERENCES ARE COMPLEMENTED BY GLASS ELEMENTS BY BROKIS, WHICH CAN BE PRESENTED AS PART OF THE INTERIOR CONCEPT AND ALSO CONNECT THE INTERIOR WITH THE MATERIAL LANGUAGE OF THE WHOLE PROJECT.

MATERIALS



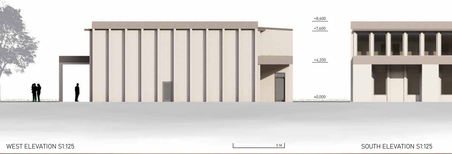
SECTION B - B' S1:125

SECTION A - A' S1:125



EAST ELEVATION S1:125

NORTH ELEVATION S1:125



WEST ELEVATION S1:125

SOUTH ELEVATION S1:125