DIPLOMA PROJECT | SCIENCE CENTER | HOLEŠOVICE, Prague 7

AMBIITIONS

The urban concept is based on the principle of dialogue between architecture and environment with due consideration to important factors, such as preserving the view across the River Vltava and protecting the surrounding historical buildings in order to create an attractive ambience. Reflections of the river and surrounding nature as well as the industrial buildings, were the reasons for bringing up this glass envelope around the object which will in the same time provide transparency of the inner structure of the object.

The architecture of the object follows generous form of the site – the industrial spirit which is present in many buildings has been preserved and no new has been regenerated with a change of functions from cultural, residential up to maxwellian. Furthermore, as the first aircraft manufacturer were found in this region, the motive of inner structure of airplanes was interpolated on the façades and airplanes in the interior are inviting passengers to visit center.

Science center is designed to represent a place for attractive study and lifelong learning for all generations. Students can encounter the ground floor in their own way as it is planned to be a free place for non permanent exhibitions. If interested into more exploration, they can work guidance and follow it through the exhibits or enjoy performances in the multifunctional auditorium.

preserve the view across the river

as a consequence of the project to have public space inside the GLASS BOX

splitting building mass to get more open and attractive form

light and functions of the science center don’t require中央 light and that will make respect for façade, lighting, the glass envelope in the GLASS BOX

compact form for better placement of the functions and easier orientation for children

inner steel structure of the airplanes as an inspiration

connect with the river and the park

exhibition area

permanent airplanes

non permanent exhibits

coffee place

fire escape emergency area

multipurpose area
A place of inquiry and discovery, experimentation and exploration

FOLLOWING GENIUS LOCI

Each landscape, city or building has its own spirit, its own genius locus. Spirit of place refers to the unique and distinctive aspects of a place: often those celebrated by artists and writers, but also those described in folklore, legends and celebrations. It is therefore as much the invisible web of culture as it is the tangible physical aspects of a place or its interpersonal aspects.

This master thesis suggests the intention to follow this gestalt theory. Architecture means to visualize the genius loci, and the task of the architect is to create meaningful places. Our obligation is to explore the character of the surrounding and to linkage to the buildings which we are creating.

SECTION a-a

GROUND FLOOR

FIRST FLOOR

SECOND FLOOR

THIRD FLOOR

Industrial, machinery and aircrafts, exhibitions, interactions, education, culture