Revision	Description of revision	Date	Signature

Responsible designer:	Designer:	Chief project engineer:
Jan Šubrt	Ing. Petr Ramík	Ing. Petr Ramík

General designer:

RV projekt

RV projekt s.r.o.
Poláškova 1535 info@rvprojekt.cz
Val. Meziříčí 75701 www.rvprojekt.cz

Construction site:	Za Radnicí 835, Dolní Břežany, 252 41
Cadastral area:	Dolní Břežany (628794), parcel no. st.1096
Developer:	The Extreme Light Infrastructure ERIC, ID No.: 109 749 38

Name of construction:

Construction of USERLABS laboratories at the ELI Beamlines research center

Partial section designer:

Building:

D.1 - LB Hall

Date:	08/2025	Paré number
Level:	DPZ	

Title

A. INTRODUCTORY REPORT

Arch. no. **2025_60_A**

CONTENTS:

A.1 Identification details

A.1.1 f the building

a) -of-the-art construction name

Construction of additional laboratories in the LB – ELI BEAMLINES hall

b) Location of construction – region, cadastral area, parcel numbers, address and descriptive numbers for buildings, list of land with legal easement rights, parcel numbers for construction site facilities.

Parcel no.: **st. 1096**
Municipality: Dolní Břežany [539210]
Cadastral area: Dolní Břežany [628794] Central Bohemian Region, Prague-West District

Existing multi-purpose building on plot no. st. 1096 without house no. / reg. no.

c) Subject of documentation – new building or alteration of completed building, permanent or temporary building, purpose of use of building

These are permanent structural modifications carried out in the existing building. The purpose of the construction work is to build additional laboratories in the LB hall. The new laboratories will be constructed as a prefabricated structure in a previously unused space.

This therefore constitutes a change to a completed building.

A.1.2 Information about the processor of the documentation

a) Name or names and surname, business name, identification number, if assigned, registered office (natural person engaged in business) or business name or name, identification number, if assigned, registered office (legal entity),

RV projekt s.r.o.
Moskva 232
755 01 Vsetín
Company ID:
14133059 Tax ID:
CZ14133059

b) Name or names and surname of the chief designer, including the number under which he or she is registered in the register of authorized or registered persons kept by the Czech Chamber of Architects or the Czech Chamber of Authorized Engineers and Technicians Active in Construction, with the field or specialization of his or her authorization indicated

Responsible designer:	Ing. Jan Šubrt ČKAIT 1202256 IP00 – civil engineering
Chief project engineer:	Ing. Petr Ramík + 420 724 877 726

c) Names and surnames of designers of individual parts of the documentation, including the number under which they are registered in the register of authorized or registered persons kept by the Czech Chamber of Authorized Engineers and Technicians Active in Construction, with the field of marked, or the specialization of their authorization,

D.1	**Construction and technological part**	
D.1.1	Architectural and construction design	Ing. Jan Šubrt ČKAIT 1202256 IP00: land structures
D.1.2	Technological design	
	Plumbing, ventilation	Ing. Jan Valenta ČKAIT 1302319 IE01: building environment technology – technical equipment
	High-voltage electrical installations	Ing. Zdeněk Zbranek ČKAIT TE03: environmental Environment construction - electrical equipment
D.2	**Structural design**	Not subject to solution
D.3	**Fire safety solutions**	Ing. arch. Jindřiška Hüttnerová ČKAIT 0102230 IP00: land structures IH00: fire safety of buildings

d) Name or names and surname of the authorized surveying engineer, including the item number under which they are listed in the register of authorized surveying engineers at of the Czech Chamber of Surveyors.

This involves internal structural modifications to the existing building. The services of a surveying engineer are not required.

A.2 List of input documents

- Inspection of the construction site;
- Consultation with the builder;
- Planimetry and altimetry of the site;

- Map documents;
- Applicable legislation;
- User requirements specification (URS);

A.3 TEA – technical and economic attributes of buildings ( )

The TEA listed below in paragraphs a) to l) only applies to the construction project, i.e., the internal installation of laboratories into the existing space reserve of the building. The installation of laboratories will not affect the overall TEA of the existing building.

a) Enclosed building space

=Built-up area 556.4 m^3

b) Built-up area of the building

=Built-in volume 227.36 m^2

c) nd floor area

Built-in	= 227.36 m²
Engine room	= 123.76 m(2)
Total	= 351.12 m(2)

d) Number of underground floors

The planned extension is located on the first basement level. Hall LB has two basement floors.

e) Number of above-ground floors

Hall LB has three above-ground floors.

f) Type of e use

The new extension will be used as laboratories.

g) Type of construction

The extension will be constructed as a lightweight prefabricated structure.

h) nd heating method

Not part of the solution.

i) Water connection

Not covered by the solution. The existing solution will remain unchanged.

j) 's sewer connection

Not subject to resolution. The current solution will remain unchanged.

k) nd gas connection

Not subject to discussion. The current solution will remain unchanged.

l) Elevator.

Not subject to discussion. The current solution will remain unchanged.

A.4 Building attributes for determining the conditions for connection and the for carrying out activities in the protection and safety zones of transport and technical infrastructure

This involves work carried out inside the existing building; the existing transport and technical infrastructure will not be affected by the work in any way. The work will not take place in any protective zones of transport or technical infrastructure.

a) e depth of the building

= nd floor -3.900 m to ±0.000

b) Height of the

SV built-in= 2.3 – 2.6 m

c) Estimated capacity of the

The capacity of employees will not be increased.

d) Planned start and end of construction Expected start of construction 02/2026

Expected completion of the construction 08/2026