

S.C. FLESCHIN CONSULT SRL Reg. Com. 1147/2005 CUI 18044522

Alba Iulia, 75B Motilor St.

No. 60 of May 2025

REPORT

regarding the quality verification for requirement E - thermal insulation and energy economy of the project: DEEP ENERGY RENOVATION OF THE ENERGETIC TECHNICAL COLLEGE Electricienilor St., no. 1, municipality of Sibiu, Sibiu County

phase: DALI, project no. 312 / 2025, which is the subject of contract no. 60/2025

1. IDENTIFICATION DATA

- **General designer:** SC ALLBIZZ S.R.L.
- **Specialized designer:** arch. LAPOSI - OANA ARGENTINA,
- **Investor:** MUNICIPALITY OF SIBIU
- **Location:** Electricienilor St., no. 1, municipality of Sibiu, Sibiu County
- **Project submission date for verification:** 27.05.2025

2. MAIN CHARACTERISTICS OF THE PROJECT AND THE CONSTRUCTION

The studied buildings were constructed between the years ~1965-1975

- **Building C3 – Workshops: 1970** * Construction: Ground Floor + 2 Floors
 - Structure: Concrete frames and brick masonry
 - Dimensions: 44.40m x 22.63m
 - Height at the cornice: +2.90m
 - Maximum height: +4.92m
 - Main function – Workshops
- **Building C4 – Sports Hall: 1971;** * Construction: Ground Floor
 - Structure: Concrete frames and brick masonry
 - Dimensions: 21.20m x 29.35m
 - Height at the parapet (attic): +9.05m
 - Main function – Sports Hall
- **Building C5 – High School: 1966** * Construction: Technical Basement + Ground Floor + 2 Floors
 - Structure: Frames and brick masonry
 - Dimensions: 73.97m x 34.415m
 - Height at the cornice: +10.95m

- Maximum height: +15.60m;
- Main function – High School
- **Building C6 – Dormitory: 1965** * Construction: Partial Basement + Ground Floor + 3 Floors
 - Structure: Load-bearing brick masonry
 - Dimensions: 54.45m x 14.80m
 - Height at the cornice: +12.40m
 - Maximum height: +17.80m
- **Existing studied built area (building C3+C4+C5+C6) = 3,686.00 sqm**
- **Existing studied total gross floor area (building C3+C4+C5+C6) = 9,681.00 sqm**

3. DOCUMENTS SUBMITTED FOR VERIFICATION

- Urbanism certificate no. 485 of 10.03.2025 issued by the City Hall of Sibiu Municipality
- Drawn plans: A_51-A_92
- Technical memorandum
- Energy audit report and energy performance certificate

4. CONCLUSIONS ON THE VERIFICATION

Following the verification, the project is considered compliant for the DALI phase, being signed and stamped according to the Guidelines.

The minimum checklist regarding the fulfillment of quality requirement - thermal insulation and energy economy is:

1. compliance with climatic conditions;
2. measures to ensure indoor environmental conditions depending on the type of activity and/or number of occupants in summer/winter mode;
3. measures to minimize energy consumption while ensuring user comfort (thermal and luminous) by shaping the building and the elements of the external envelope;
4. measures to prevent the occurrence of condensation on the inner side of external walls and/or those facing spaces with significant differences in temperature and/or humidity;
5. measures to prevent water infiltration through the roofing;
6. measures to prevent water infiltration from the ground;
7. completeness of the written and drawn parts;

In accordance with the provisions of the REGULATION FOR THE VERIFICATION AND TECHNICAL EXPERTISE OF PROJECTS, approved by GD 925/1995, art. 7 **"The technical verification of the documentation required to obtain the building permit, in case it does not contain execution details, cannot substitute the technical verification of the latter"**.