

EDUCATIONAL SPECIFICATIONS FOR THE ROGER LUDLOWE MIDDLE SCHOOL ROOFING REPLACEMENT PROJECT

1. **Project Rationale:** Replace the roofing membrane, insulation and flashings on Roger Ludlowe Middle School at multiple roof sections in order to provide a weather-tight building envelope and to protect the internal structures and materials.
2. **Long Range Plan:** A review of enrollment forecasts indicates that this school will be required to house Fairfield students for the foreseeable future.
3. **The Project:**
 - Remove existing roofing materials (salvage satisfactory in-place insulation if practicable)
 - provide decking (as necessary),
 - provide minimum R30 insulation (supplement salvaged in-place insulation as necessary),
 - provide flashings,
 - provide expansion joint restoration,
 - provide surface membrane and
 - provide structural components as need indicates.

Roofing systems shall be cold applied multi-ply systems with a minimum 20 year (no dollar limit/edge to edge) warranty.

4. **Enrollment Data:** The 10/01/2020 enrollment of this school was 817 students
5. **Learning Activities:** Learning activities are carried out using district-wide curriculum criteria.
6. **Support Facilities:** The building is a fully operational middle school and contains standard support such as administration, health, storage, school lunch, custodial, arts, physical education, etc.
7. **Community Uses:** The Fairfield Board of Education has a long-standing practice of making all school facilities available to community groups. Each year the general public uses our buildings through our reservations program. Schools will continue to be available to the community.
8. **Systems:** N.A.
9. **Environment:** Fairfield schools provide an environment that is conducive to the learning process. All aspects of environment have been considered. These include, but are not be limited to, adequate climate control, ventilation, appropriate lighting, furniture designed for student use, instructional support items such as chalkboards, acoustical environment, handicapped access, windows and doors.
10. **Equipment:** N.A.
11. **Site Development:** N.A.