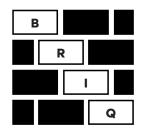
UNIVERSITY OF OREGON

Solar Decathlon

College of Design

response to the devastation of war and the promise of a peaceful future, we aim to integrate sustainable practice through high





Project Data

Location Climate Zone Square Footage Lot Size Levels Students Classrooms EUI Target

Kharkiv, Ukraine 5A 104,121 sqft (w/o green roofs) 20601 m2 or 5 Acres 3 ~1,200 42 16-1v8 kBtu/sqft/yr

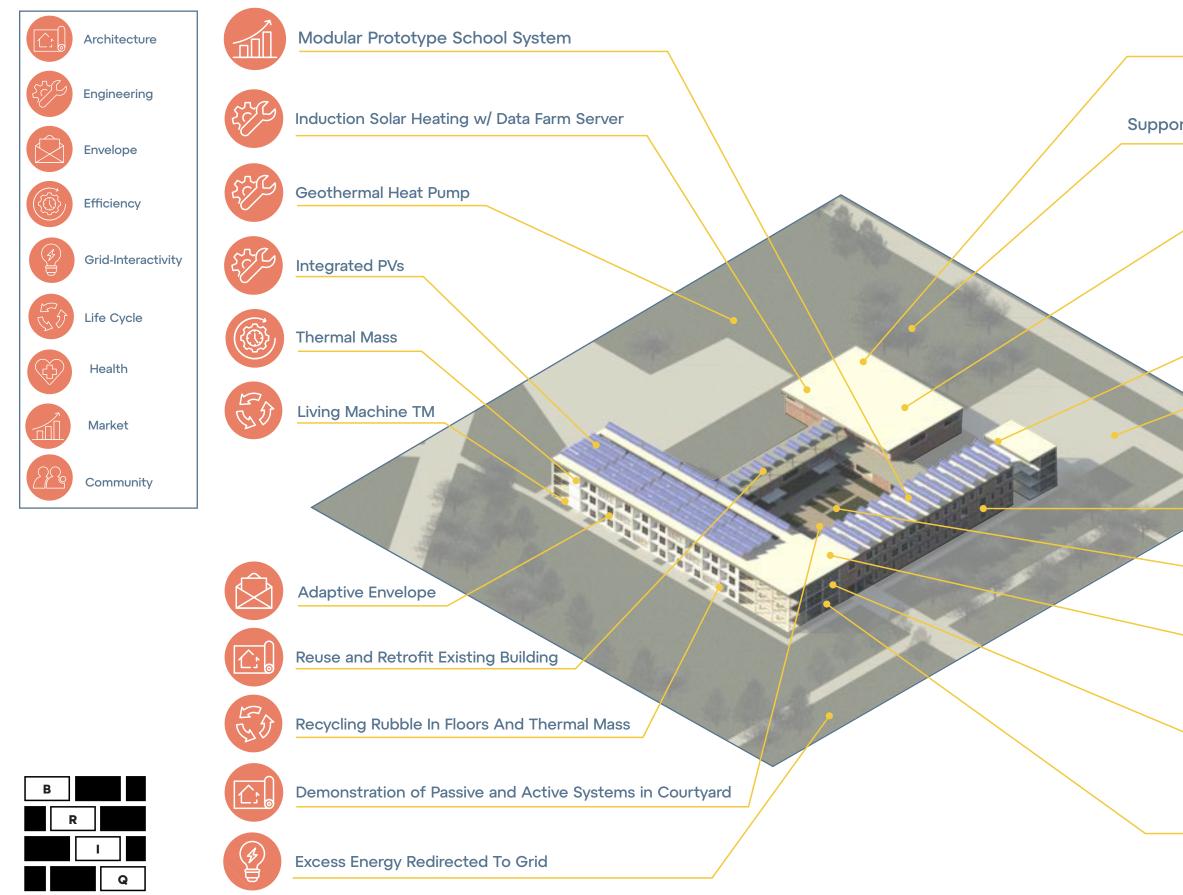
Technical Specs

Wall Assembly Slab Assembly Roof Assembly Heating Load Cooling Load Peak Heating Load Peak Cooling Load Ventilation Load

R60 R30 R69 TBD No Cooling TBD No Cooling TBD

But the walls are not a school, the school is its children, parents and teachers, it is the indestructible fire of love for knowledge that our lyceum has been carrying since the first days of its creation. [...] Only with our children we will go to Victory! Only with our children we are strong, we are united, we are Ukraine!

DESIGN HIGHLIGHTS



No Exposed VOCs or Red List Materials

Supporting Economy by Using Local Materials

Common Spaces Open For Public Use

High Insulation (R-69 Roof, R-60 Walls, R-30)

