



BELLAIRE HIGH SCHOOL

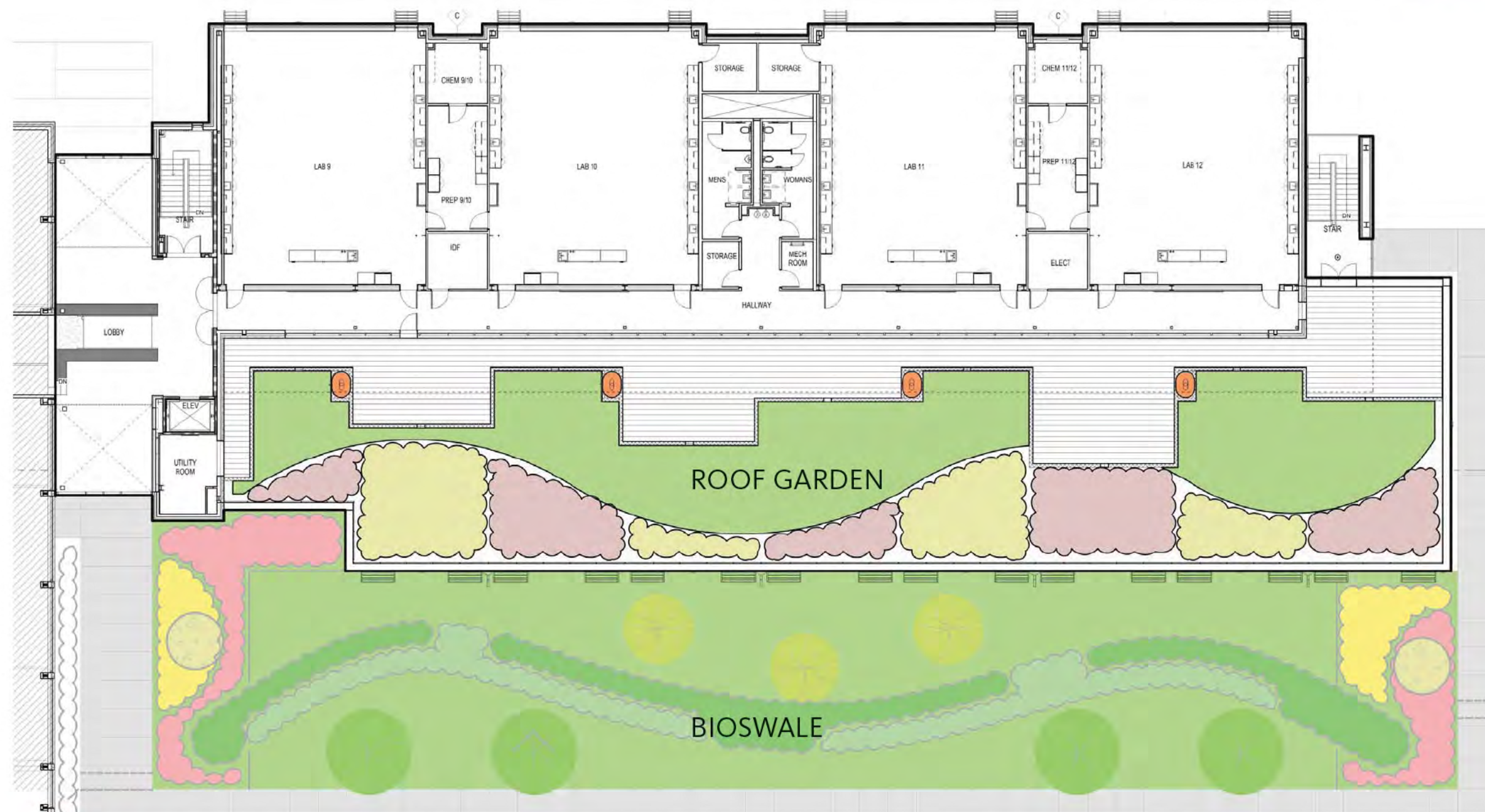
Bellaire, Texas

CHARACTERISTICS

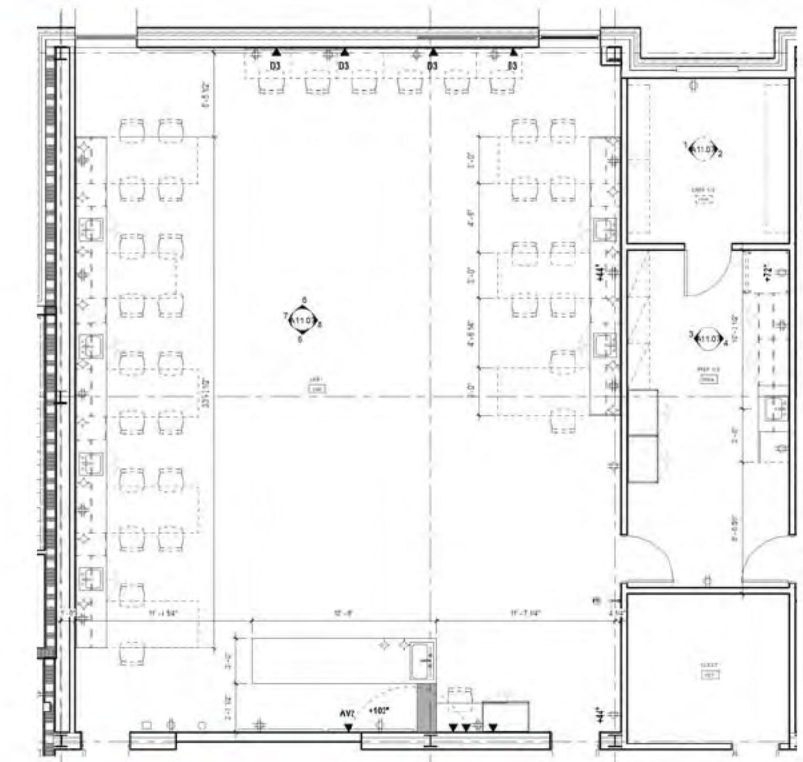
- **Sustainable design elements:** Green Roof, Water Collection, Bioswale, Use of Daylighting, Use of Sunshades
- **Building/Space type:** Classroom / Lab Building
- **Total square footage of building:** 54,000 sq ft

RESULTS

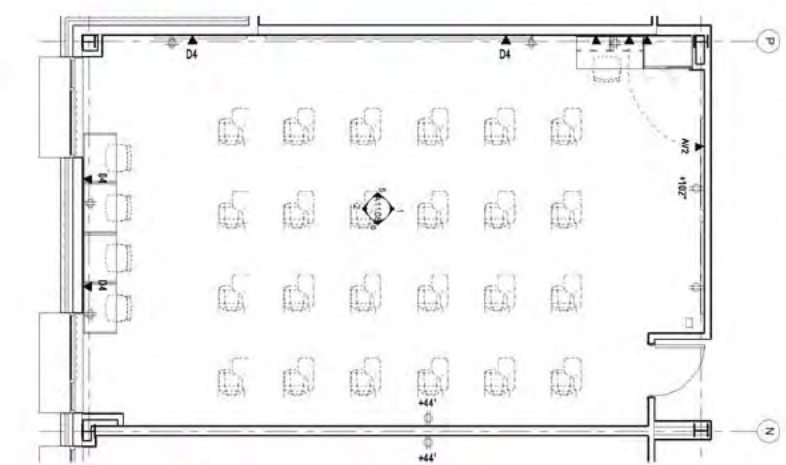
- **Energy use intensity:** 26 (kBtu/yr)
- **Percent CO2 reduction:** 56%
- **ENERGY STAR rating:** 93 (out of 100)
- **Energy savings:** 3,673,527 (kBtu/yr)
- **CO2 savings:** 194 (metric tons/year)



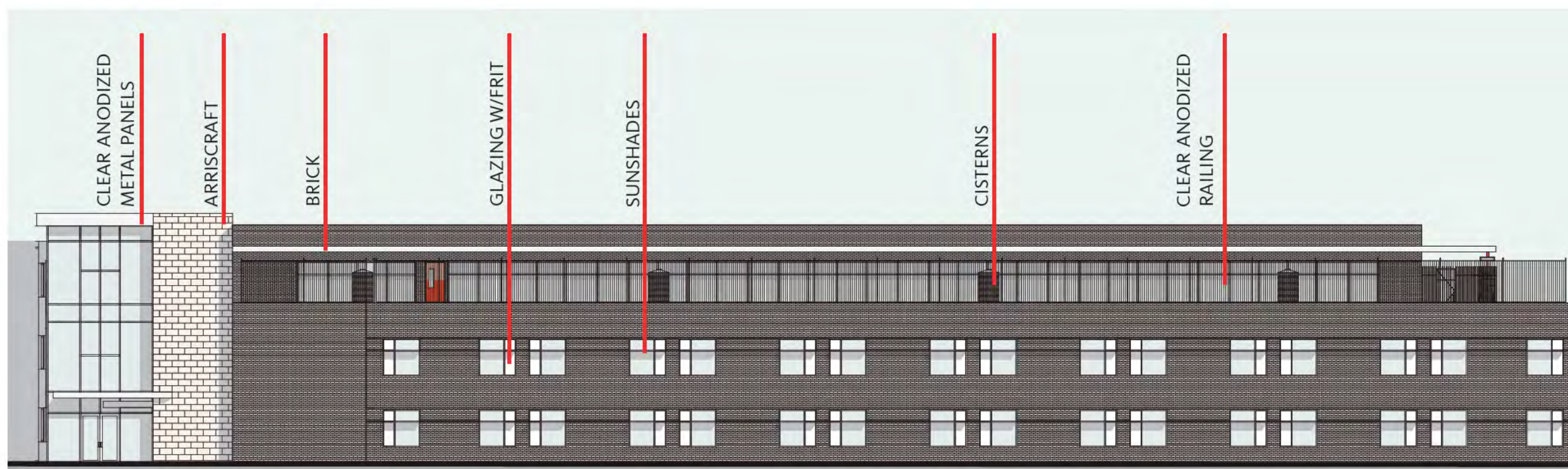
SITE PLAN



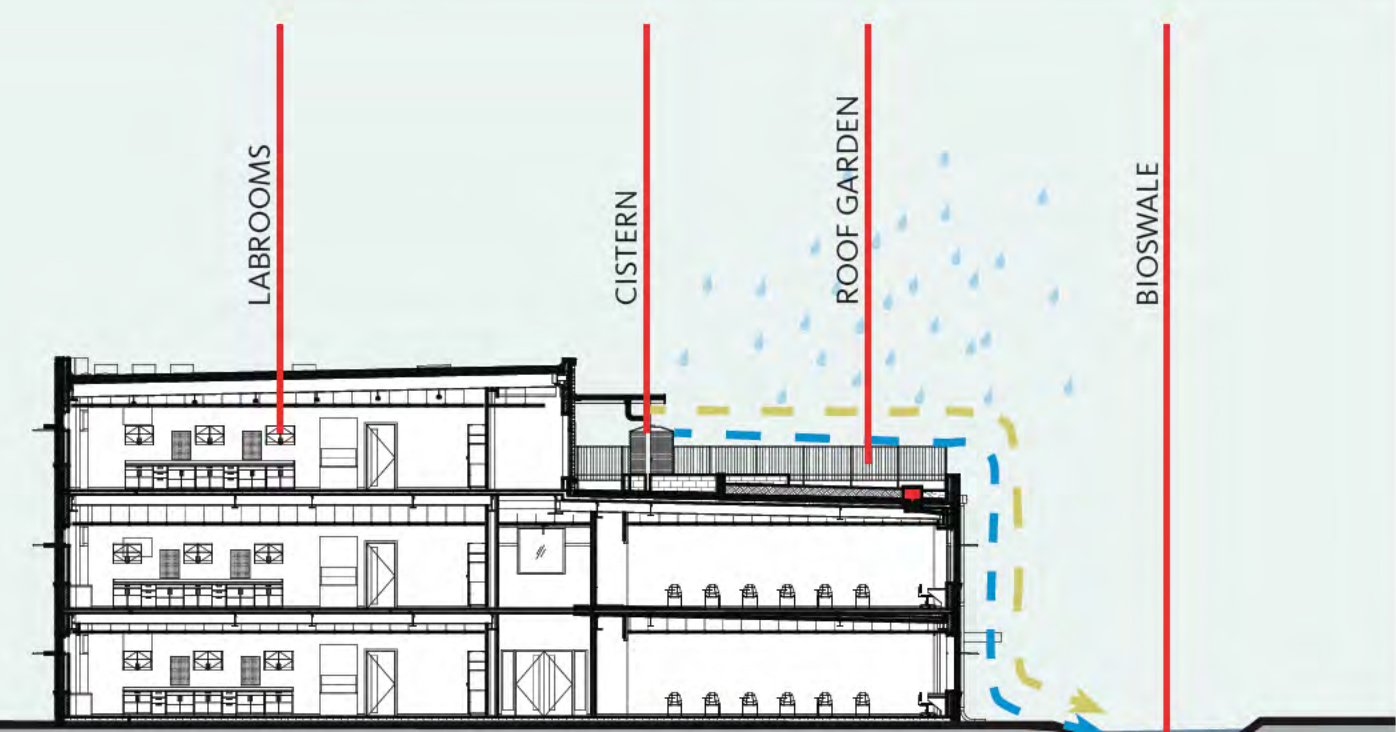
TYPICAL LAB ROOM



TYPICAL CLASSROOM



EAST ELEVATION



SECTION - RAINWATER CONCEPT