# Gensler

DESIGNED TO EARN THE ENERGY STAR

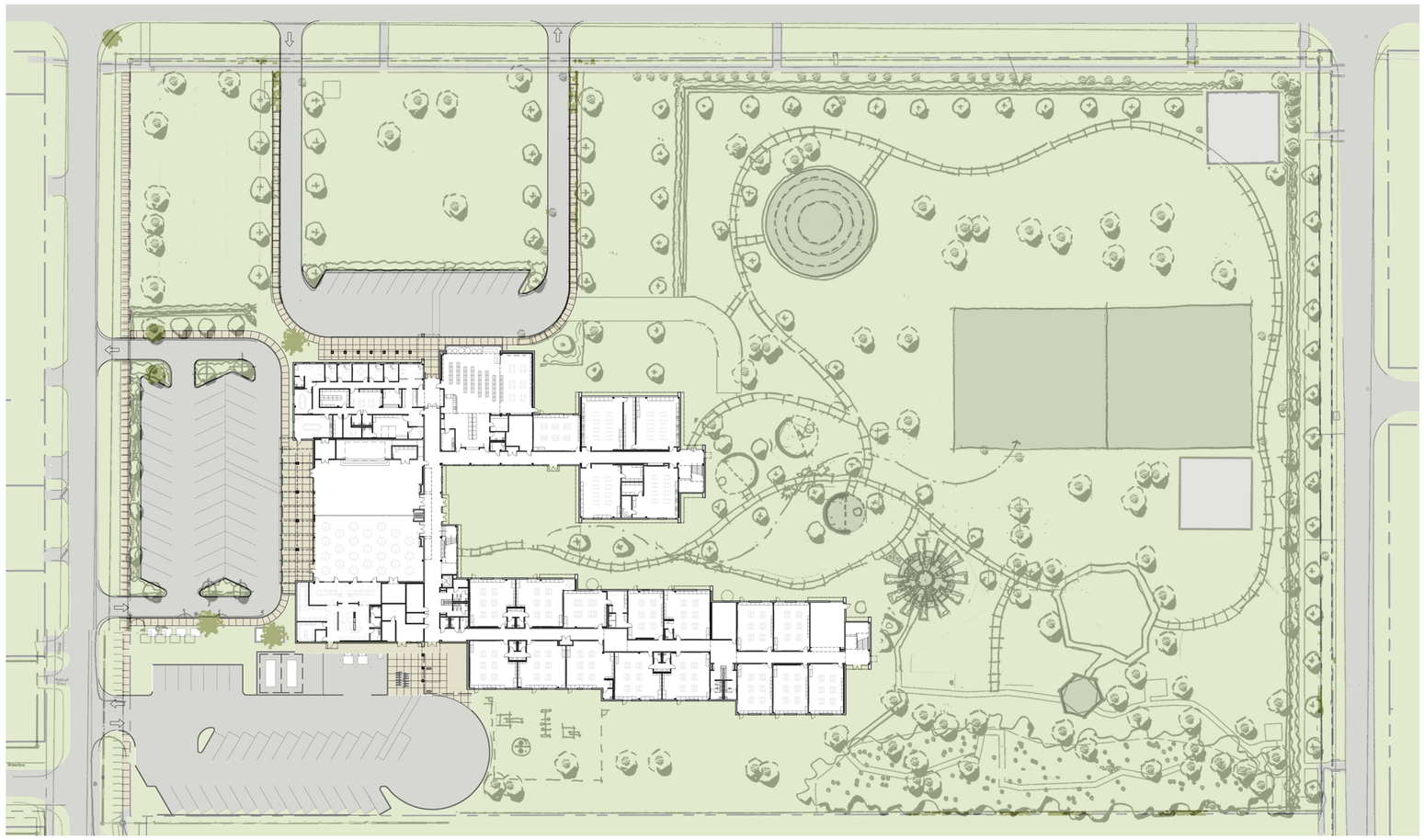
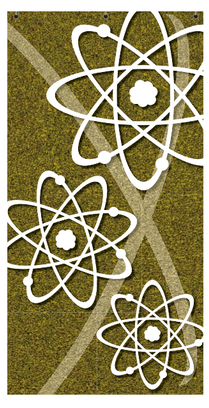
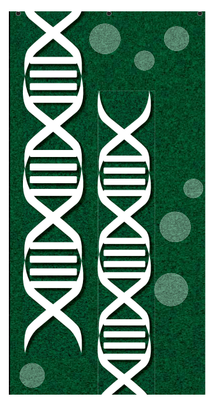
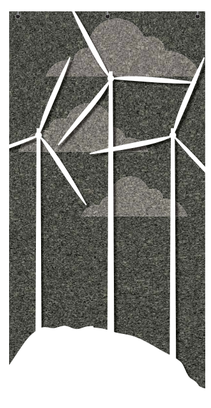
The estimated energy performance for this design meets US EPA criteria. The building will be eligible for ENERGY STAR after maintaining superior performance for one year.

## James Berry Elementary School
Houston, TX

* Energy Use Intensity (EUI) = 88 kBtu/sf/yr
* Percent $CO_2$ reduction = 42%
* ENERGY STAR design rating = 92

Annual Savings Statistics
*(compared to an average building EPA rating of 50)*
* Energy savings = 5,200,000 kBtu
* $CO_2$ savings = 275 Metric Tons $CO_2$

- 86,310 SF Elementary School
- Targeting LEED® Silver Certification
- Rainwater collection for student environmental science projects, including gardens
- Passive sunshade devices on east facing glass and high performance glazing throughout
- Windows optimized to achieve daylight and views in balance with heat load gains to exterior envelope

**Building Materials:**

- Stone veneer “remnants” from a local stone supply yard
- Terrazzo featuring recycled glass
- Laminate made from recycled materials
- High fly-ash concrete mix
- Sheetrock with post industrial content
- Low VOC paints
- Recycled metal roof materials