

CHS FIELD: THE GREENEST BALLPARK IN AMERICA

DISTRICT ENERGY: 1.
CHS Field connects to one of the best district energy systems for heating and cooling loads. District energy is ~35% more efficient than traditional grid supply.

RENEWABLE ENERGY: 2.
Xcel Energy helped fund 100kW of solar arrays to supply 12.5% of the ballpark's power.

FIELD LIGHTING: 3.
Innovative fixtures focus light on the field, reducing spill into adjacent areas and the total number of fixtures by 40% compared to Midway Stadium.

BUILDING FOOTPRINT: 4.
80% of interior spaces are below the concourse, requiring less open space and less energy to operate.

BUILDING REUSE: 5.
230 foundation piers, 5,120 SF of concrete wall, and 168,000 SF of slab were reused in the ballpark.

RECYCLED MATERIALS: 6.
Virtually all concrete from the existing Gillette building was crushed and used as structural fill beneath the field.

REDUCING WASTE: 7.
Ryan diverted 98% of construction waste from landfills. The Saints are introducing composting and recycling with the goal of operating a zero-waste facility.

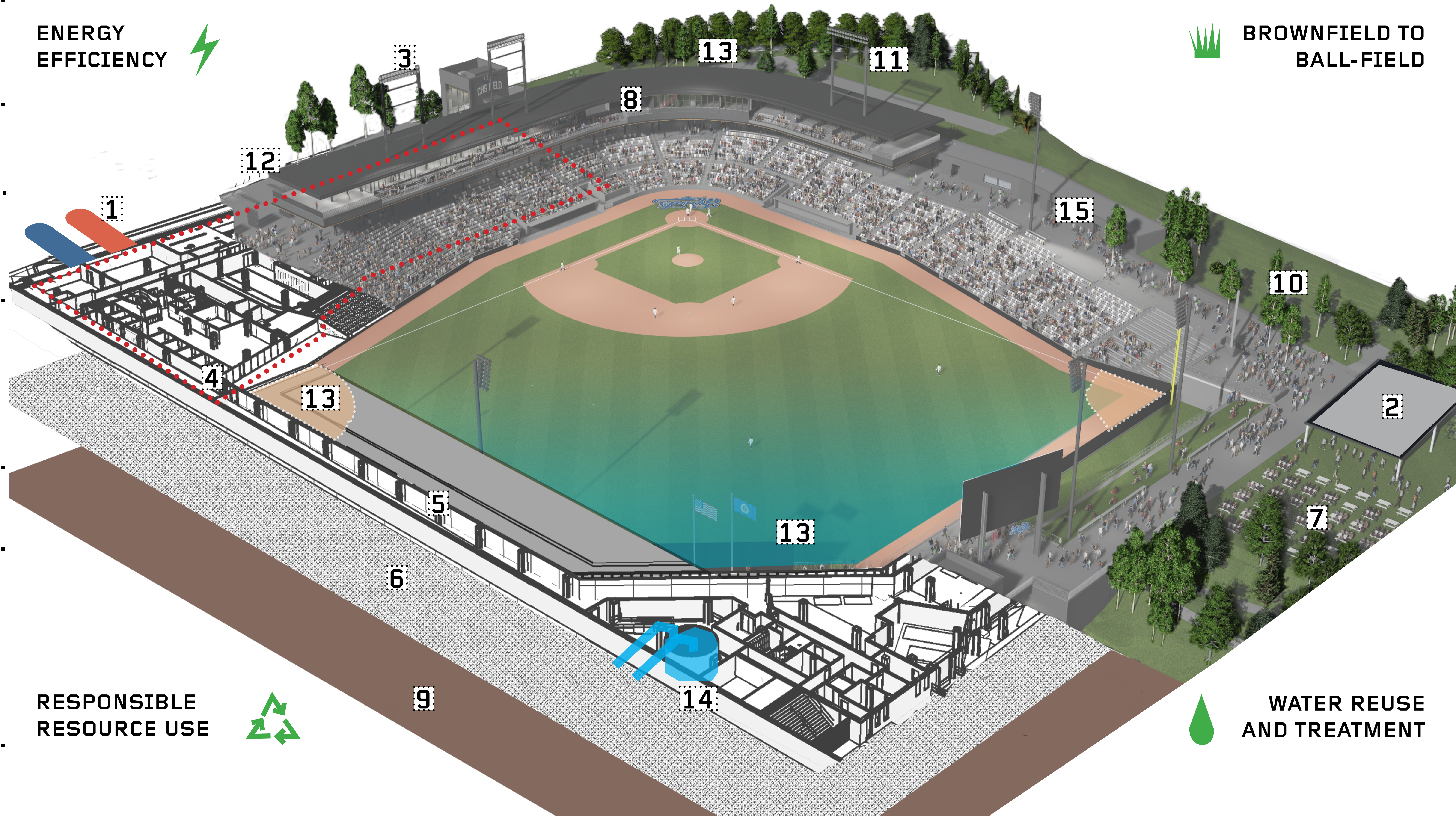
INDOOR ENVIRONMENTS: 8.
Low VOC finishes and occupant-sensor lighting were used in all interior spaces. All offices and the press box have access to natural light and air flow.

ENERGY EFFICIENCY

RESPONSIBLE RESOURCE USE

BROWNFIELD TO BALL-FIELD

WATER REUSE AND TREATMENT



9. SITE TRANSFORMATION:
8.5 acres of contaminated, impervious site were transformed into almost 60% green space with an environmental cap to minimize contaminated runoff.

10. GREEN SPACES:
135 trees and 138,800 SF of natural grass, including the playing field, will remove 22.5 tons of CO₂ from the atmosphere each year.

11. COMMUNITY CONNECTION:
Part of the site was turned into a neighborhood dog park and rain garden featuring local artwork.

12. SUSTAINABLE TRANSIT:
CHS Field's urban location and walk score of 88/100 encourages fans to bike, walk, or use nearby bus and LRT lines to commute to games.

13. CLEAN STORMWATER:
Virtually all stormwater runoff is treated through sand filters, tree trenches, or rain gardens to remove pollutants before entering the Mississippi watershed.

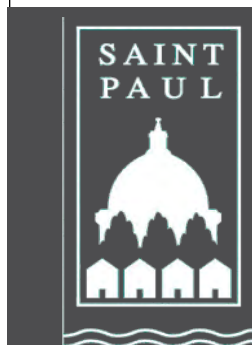
14. WATER RECLAMATION:
A 27,000 gallon cistern collects rainwater for reuse in toilets and field irrigation, saving up to 450,000 gal. of H₂O each year.

15. RESPONSIBLE USE:
Metered, dual-flush, and low-flow fixtures are installed in public restrooms and locker rooms to control water waste.

BENCHMARKS

ANNUAL SAVINGS

SITE BENEFITS



1st

major sports venue to:
- meet B3 standards + MN SB 2030
- use rainwater for field irrigation

LEED Silver
equivalent

~36 kWh/seat
from renewables

~40 kWh/seat
less operating energy

~65 gal/seat
reused rainwater

88
neighborhood
walk score

~60%
more green
space

~22.5
tons CO₂
sequestered annually



BUILDING LASTING RELATIONSHIPS