

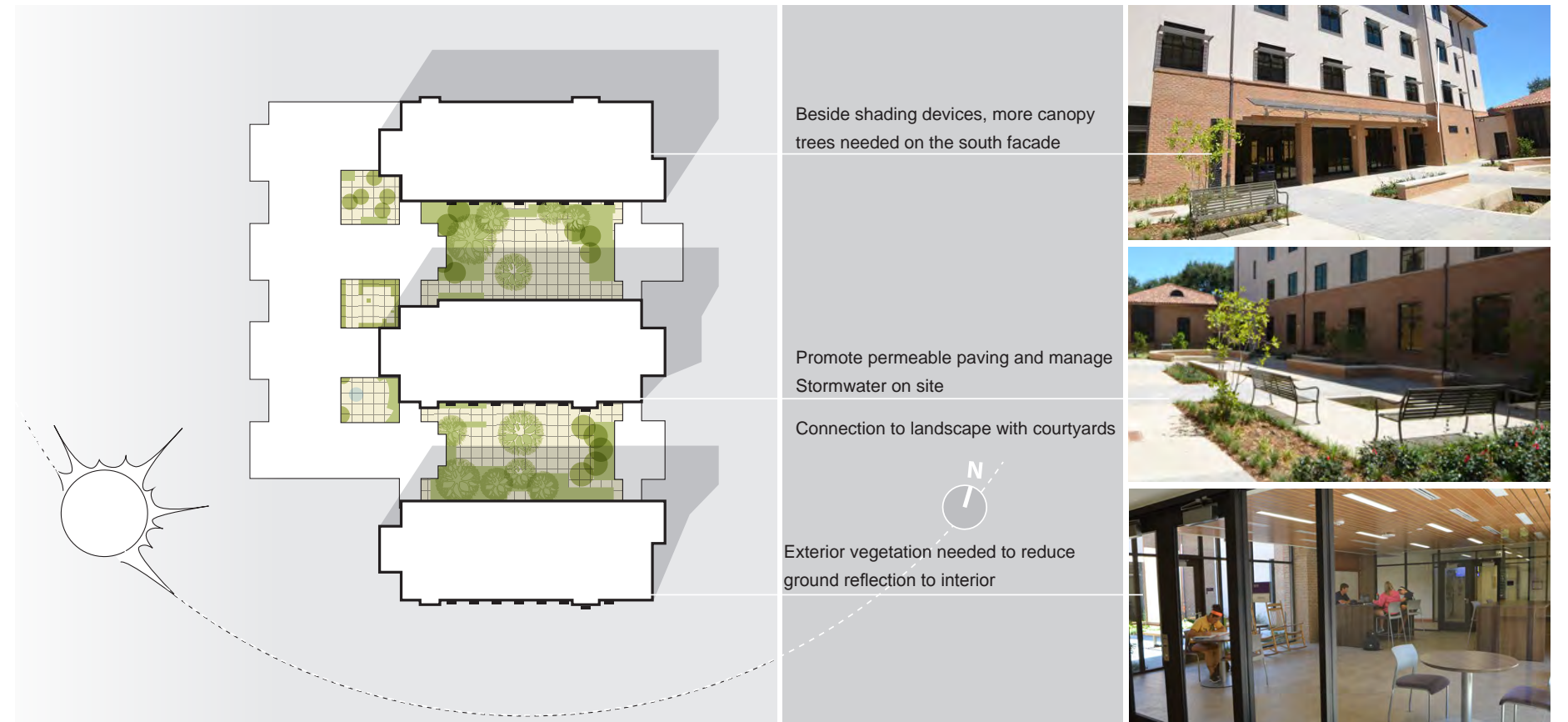
PRINCIPLE 7: SUSTAINABILITY

LSU is committed to producing not only high-performing academic and athletic institutions, but environmentally sustainable ones as well. Valuing environmental performance positions LSU as resilient, cost-efficient, rooted in its context and, most importantly, invests in LSU's most important resource—its people.

Health and safety are key components of a high-performing campus and landscape should optimize visual, acoustic comfort as well as traffic movements.

New projects should incorporate best management practices for permeable surfaces, stormwater collection and storage, and self-sufficient, climate-appropriate plantings to meet the challenge of Louisiana's extreme weather events. Celebrate stormwater with visible and attractive components of a macro and micro-scale stormwater management system, such as providing supplemental irrigation in courtyards, and allowing lawn spaces to temporarily detain water during heavy rains and floods.

Sustainability is also measured by the amount of input and maintenance that landscapes require. By carefully designing and placing landscape elements, the economic and environmental burdens of landscape maintenance can be reduced. A beautiful, well maintained, and safe campus helps to support itself by attracting and retaining students, furthering the mission of the university.



Example: Recent built Cypress Hall uses shading devices on the south side, self-shades on the north side, and is oriented east-west for maximum solar control. Its massing is split into three towers and incorporates five courtyards to provide well-daylit interiors and connection to the landscape. More landscape elements could be integrated into the exterior to enhance the sustainable uses.