BUILD WITH STRENGTH

CASE STUDY: STRENGTH

NORTON CHILDREN'S MEDICAL CENTER

4910 Chamberlain Ln., Louisville, KY 40241

Stories: 2.5
Project Size: 71,000 sq. ft.
Project Owner: Norton Healthcare

Architect: Laughlin Millea Hillman, LMH Architecture, Louisville, KY

DESIGNING A SAFE PLACE FOR CHILDREN.

Going to the hospital can be a scary experience for children. That's why when Norton Healthcare decided to build a new children's hospital in Louisville, Kentucky, they decided to build one that was kid-friendly. The building is designed using bright colors and cheerful art in an effort to alleviate the fears and concerns of the hospital's young patients. From a four-foot tall door made for kids to oversized, family-friendly treatment areas, children feel more at-ease during their hospital visit.

01. Putting safety first.

When precious lives are at stake, one shouldn't worry about the safety of the structure they are in. Concrete structures are designed to last for centuries and can outlast any natural disaster.

02. Building for strength with ease.

The hospital walls were built using Nudura insulated concrete forms (ICFs). ICFs are resilient and can stand up to fire, floods and wind. ICFs are also incredibly energy efficient, making them an ideal choice for the project.

03. Recognized for energy efficiency.

The hospital is LEED Silver certified. Concrete's thermal mass properties save nearly 5-8% In annual energy costs and reduce greenhouse gas emissions over the building's lifecycle by 3-5%.

04. Cleaner air for patients on the mend.

Maintaining a healthy environment is important to hospital staff. Concrete does not harbor toxic mold growth or emit harmful chemicals.