The landmark indoor/outdoor stadium provides 125,000 square feet of space, featuring a retractable roof, four massive concourse levels,, 196 suites, and a flexible rigging system to hosts of an astounding variety of special events.

NRG STADIUM CONSTRUCTED OF 800,000 LIGHTWEIGHT CMU

Crowds attending a game or event at Houston's NRG Stadium probably won't notice the 800-thousand lightweight concrete masonry units (CMU's) in the walls. Each block making up the massive stadium contains rotary-kiln lightweight aggregates. In fact, lightweight is incorporated throughout the 1.9 million sq. ft. facility.

All interior walls in the stadium were constructed with lightweight CMU's made from expanded clay aggregate. Revels Block & Brick Co., Inc. produced the approximately 800,000 eight-inch CMU's.

CMU's manufactured with lightweight aggregate weigh less. Masons are able to work steadily with less fatigue because lightweight CMU's are easier to lift and install. This increases productivity and shortens construction time. Lighter CMU's also reduce dead load, which means smaller beams and less rebar are required in the supporting floors and walls. This affords overall construction savings. Lightweight units are friendlier to the environment. Because lightweight CMU's weigh less than normalweight CMU's, fewer truckloads are necessary for delivery to the jobsite. In addition to transportation savings, fewer trucks mean less air pollution, and safer, less congested roadways.

Today, NRG Stadium is a multi-use facility that hosts many kinds of events in addition to football. For example, the Houston Livestock Show & Rodeo, concerts and conventions are among the many events that are held in this facility.

The stadium was finished and ready for the National Football League's Houston Texans ' first opening day on September 8, 2002, with 69,604 fans in attendance.

For the stadium's co-tenants, he Houston Rodeo and Livestock Show™, livestock are housed in specially designed facilities at the lower north end. Construction of the facility (then called Reliant Stadium) began in July 2000 and was completed in just 26 months with the help of hundreds of independent contractors and suppliers.