

Greenwood Schools Safe Rooms

Greenwood, Arkansas

“The insulated precast wall panels provided us with the thermal envelope we were looking for, the durability during normal student activities and the vital protection of the occupants during storm events. With precast, we were able to attain a high volume of space for P.E. activities. The entry vestibules were also designed and fabricated out of precast components which provide architectural interest and scale to the overall building. Electrical devices and conduit were cast directly into the wall panels for a clean appearance and precast allowed us to reduce the overall construction time for the projects.”

Marty Cormier – Project Architect
Guest Reddick Architects

**CORESLAB.
STRUCTURES
(ARK) INC.**

Conway, AR
(501) 329-3763
www.coreslab.com



In order for the Greenwood School district to obtain FEMA funding for both the Wells-East Hills Campus Safe Room and North Main Campus Safe Room, the buildings had to be designed under strict FEMA 361 guidelines. To meet these requirements, the design team at Guest Reddick Architects chose a total precast option. The walls are 12” insulated prestressed panels. Double tees were used for the roof. A row of prestressed beams and columns were also used for this design.

The 9,300 s.f. “multi-purpose” buildings are used primarily as P.E. facilities throughout the school year. Should the need arise, the F4 rated building will provide a safe and secure space to house students, faculty, and Greenwood residents during potential tornadic storms.



Architect: Guest Reddick Architects

Structural Engineer: Myers Beatty

Contractor: Beshears Construction