

Buist Academy Seismic Retrofit

Charleston, South Carolina

Buist Academy constructed in the late 1800's is being gutted leaving only the outer shell, floor beams and roof. WEC was retained to construct reinforced shotcrete wall overlay for seismic retrofit.

Work is being performed in very tight working conditions on three separate floor levels. A reinforcing cage was constructed and attached to the existing brick walls with hooked and epoxied dowels. The brick walls were brought to a surface saturated dry condition, then shotcrete was applied to the brick walls.

GC: HG Reynolds Construction
Geotechnical Contractor: WEC

