



Abundant Life Activities Building

Location: Stephens City, VA

Architect: Design Concepts

Projected Completion Date:
2011

Area: 1,800 ft²

Estimated Construction Cost:
\$2 M

Floor System: Concrete on
Steel Joists

Roof System: Exposed Wood
Truss with Clear Story and
Steel Joists

Lateral System: Masonry
Shear Walls

Structural Concepts, Inc. is the acting Engineer of Record for the project. Structural design and calculations are currently being prepared for the project. SCI will also provide construction administration services during the construction of the building structure.

The 18,000 square feet, two story church activities building includes a 6,000 square feet gymnasium/auditorium with a large stage. The building also includes multiple classrooms and offices.

The roof over the gymnasium/auditorium is framed with exposed wood trusses at 6 feet centers bearing on masonry walls. The roof trusses support acoustic steel roof deck. There is a clear story at the upper level of the roof to allow for natural light.

