

Residential

Carpenter
Wright
Engineers



Structural Consultants



Tennessee Tech University Dorm Cookeville, Tennessee

Dormitories

Carpenter Wright Engineers provided structural design for this four-story dormitory facility with a partial basement. The structural system consisted of cold-formed steel joists bearing on metal studs. The roof consists of metal trusses bearing the exterior stud walls. Lateral stability for the structure was provided by utilizing the shear capacity of the stud walls augmented with strap bracing.

Architect: *Bernard L. Weinstein & Associates and Maffett-Stamps & Associates*

CWE Design Offices:

**Nashville
Knoxville**