

# Western Carolina University Health and Gerontology Building

Cullowhee, North Carolina

A new Health and Gerontology Building was constructed at the campus of Western North Carolina University in Cullowhee, North Carolina. Construction included an approximately 160,000 ft<sup>2</sup>, multi-story, concrete and steel framed structure.



Deep cuts were made into the hillside at the rear of the structure. The excavation is supported by two permanent soils nail walls which were terraced to provide the required excavation depth. Wall heights are as much as 35 feet. Total face area soil nailed was about 33,516 ft<sup>2</sup>.



GC: Vannoy Construction  
Grading Contractor: MacKenzie Company, NC  
Geotechnical Contractor: WEC