

Catholic Medical Center Garage

Manchester, New Hampshire



Serving the community of Manchester, NH for more than 100 Years, the Catholic Medical Center is a 330-bed, full-service health care facility which sits atop a hill on the west side of Manchester, NH. The new parking garage was needed as part of an extensive expansion plan, which included a new office building. The five level, 750-space, open, pre-cast concrete garage serves both the new office building and the main hospital facility and is utilized by visitors, outpatients, doctors and additional hospital staff.

The garage consists of a precast concrete superstructure with pile foundations due to poor soil conditions near the adjacent mill buildings. The exterior façade is comprised of precast concrete spandrels with a thin brick infill in response to the surrounding environment. The garage includes two stair towers and a pedestrian connection to an elevator tower shared by both the garage and office. The shared elevator tower also connects to a pedestrian bridge over McGregor Street providing access to the main hospital building. The garage is sited on an upper and lower level surface parking lot that are separated by a common retaining wall. Parking specialists, Desman Associates, designed the garage to exploit the topography of the site to the greatest extent possible, in order to create an efficient ramping system, while minimizing costs by maintaining an open structure without the requirement for ventilation.

Strescon Limited produced and erected a total of 158,000 square feet of precast for this project, including: 234 double tees; 59 columns; 49 beams; 94 spandrels; 64 wall panels; and 11 stairs.



Project: **Catholic Medical Center Garage, Manchester, NH**
Engineers: **Desman Associates - Wellesley Hills, MA**
Construction Manager: **Harvey Construction Corp. - Bedford, NH**



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