

Queens Hospital

Radiation Oncology Center – Linear Accelerator

Mineola, New York

Healthcare



Axis Construction employed a hybrid approach featuring three different methods of construction—conventional stick-built, modular construction, and structural concrete—to accelerate completion of the Radiation Oncology Center for Winthrop University Hospital.

The center includes a reception area, three physicians' offices, a nurses' control station, patient exam rooms, dressing rooms, linear accelerator, computerized tomography simulator, and a Linac chiller. A computer controlled mechanical system was also installed and all of the mechanical systems

for the free standing building were connected to the hospital's main engineering source.

While successfully marrying the different methods of construction was challenging, Axis Construction rose to the occasion. For example, integrating the six modules that make up the main building with the site-built concrete vault required both pain-staking precision and careful coordination.

In the end, Axis Construction successfully delivered a structure capable of housing a powerful linear accelerator while creating a welcoming setting where cancer patients could come and receive treatment.

FASTER. Completion was accelerated by combining off-site modular construction with stick-built and structural concrete approaches

PROJECT TYPE

Hybrid modular healthcare construction

DESCRIPTION

Demolition/removal of existing structures, construction using Modular Construction, Stick Built Construction, and Structural Concrete

OWNER

Queens Hospital

ARCHITECT

Wiedersum Associates Architects, LLP

CONSTRUCTION COST

\$3.2 million

SIZE

5,000 sq. ft.