



## Cape Cod Hospital Bed Tower Project Overview

The Cape Cod Hospital (CCH) bed tower project is a transformative step toward the future for Cape Cod Healthcare. The project features the addition of a new hospital tower, redevelopment of the campus, including improved infrastructure, improved traffic circulation with additional parking, and expansion of the surgical suite within the current hospital footprint.

The total project cost of \$180M has been approved by the CCHC Board of Trustees.

Each new patient room in the tower will offer single-bed occupancy, promoting quiet and privacy to enhance the healing environment. The new tower creates a state-of-the-art facility to serve our cardiovascular patients. Comprehensive inpatient, surgical and outpatient cardiovascular programs constitute CCH's premiere service line.

Our quality outcomes demonstrate that we provide excellent medical care, yet the current cardiovascular unit is in the oldest and most dated section of the hospital. To address this, the new design incorporates both technology and a patient-centric design to deliver both exceptional care and the most positive patient experience.

The new tower will provide needed expansion of our critical care service with the addition of four more critical care beds. These additional beds will provide greater capacity for our most acutely ill patients who require an intensive care setting.

The new tower design improves and expands oncology space, as needed to address current medical and radiation oncology patient needs to achieve the goals of the recent CCHC affiliation with the Dana-Farber Cancer Institute. The new facility will be consistent with the goals and objectives of Cape Cod Hospital's membership in the DFCI Cancer Care Collaborative.

The new tower also contemplates future growth of our medical/surgical service. Cape Cod Hospital has evolved into a regional medical center with advanced specialty care, while continuing to serve as a safety net provider.

Briefly, our growth strategies include the development of a Level III Trauma Program, strong Physician-Hospital alignment, continued enhancement of our surgical services and improved access to community-based care. The unique demographics of the Cape, with a significant and growing senior population, combined with our relative geographic isolation, require appropriate consideration. The fifth floor is also designed for 36 medical/surgical beds and will initially be shelled. This floor will be finished, licensed and opened in a later phase.

### Tower Building Overview by Floor

The new Cape Cod Cancer Center will be a state-of-the-art facility and provide integrated compassionate care, with treatment, screening, and education spaces designed to enhance the patient, family, and staff experience. Occupying Levels 1 and 2 of the new addition, the Cancer Center will offer natural light, landscape views, and tranquil interior and exterior spaces for treatment and respite. A roof-top healing garden adjoining infusion will provide opportunities for treatment outdoors – a connection to nature and a catalyst for healing. Most notably, the CCH Cancer Center will provide a full continuum of care for Cape Cod residents, recognizing the importance of community-based cancer care.

#### Floor 1 will feature public and Cancer Center amenities, including:

- The main entrance and lobby, patient registration, a welcoming waiting space, gift shop and a café.

- The Radiation Oncology Service
  - The Radiation Oncology space will be equipped with two linear accelerators. One new linear accelerator will be purchased and installed. The second unit, recently installed in fall of 2018, will be relocated to the new tower. The remaining unit at CCH will be installed at the CCH satellite site, the Clark Cancer Center in Falmouth, replacing an older unit.
  - CCH is planning to update and replace existing CT SIM equipment with current technology.
  - Brachytherapy - the new cancer center will have a dedicated and shielded 450 SF Brachytherapy vault with a dedicated control room.
  - Radiation oncology patient exam rooms, physician offices, staff offices and necessary storage and support services.
  - A direct elevator between Floors 1 and 2 will be dedicated for use by cancer patients and families.
- A patient and visitor hallway and separate staff hallway, and connector from the new tower to the existing hospital will complete the first floor.

**Floor 2 will house the Medical Oncology Infusion Service as well as dedicated registration and waiting areas for the Cancer Center.**

- Chemotherapy treatment bays will be expanded from 19 current to 30 bays, with space for future growth of up to 45-48 infusion bays,
- Dedicated oncology patient pharmacy adjacent to the infusion area,
- Patient exam rooms, physician offices, staff offices, lab and other necessary support services,
- An exterior roof garden will offer cancer patients and their families the ability to relax, reflect and focus on healing.

**Floor 3 will house CCH's Critical Care Service including:**

- 28 Intensive Care and Cardiovascular ICU beds, increasing capacity by four new ICU beds,
- Care provider workstations and a staff lounge,
- Family waiting and lounge space, and on-stage and off-stage circulation.

**Floor 4 will offer 36 medical/surgical beds and will be dedicated to the cardiovascular service:**

- Family waiting area and lounge,
- Staff lounge and on-stage and off-stage circulation,
- The 36 CVS beds currently located in the current North 3 and North 3A units will relocate. The beds on the current North Units will then become available for patient overflow. This is particularly needed during peak periods of respiratory illnesses and influenza.

**Floor 5**

- This floor will be the same design and layout as Floor 4. This floor will be shelled out for future development.

**Floor 6**

- Provide educational space and house necessary building mechanical systems.

The final phase will focused on expansion of existing surgical space. This phase will result in the addition of two new state-of-the-art operating rooms and improved support spaces.