

The Medical and Research Translation (MART) Building and New Bed Tower expands the existing Stony Brook University campus and Medical Center creating a new visual identity for the medical campus. This 465,000 GSF project, located on the north shore of Long Island, is situated on a vegetative site designed to integrate it in to the surrounding campus while creating a new entry experience for visitors. The project comprises a cancer diagnostic and treatment center and state-of-the-art cancer research laboratories within the eight-story MART. The ten-story Bed Tower includes advanced imaging areas, public amenities, new university classrooms, a Children's Hospital, and 150 new patient beds for adults, adolescents, and children.



STONY BROOK UNIVERSITY
STONY BROOK MEDICINE
MEDICAL AND RESEARCH TRANSLATION
(MART) BUILDING + NEW BED TOWER
STONY BROOK, NEW YORK
INSTITUTIONAL ARCHITECTURE

1. EXISTING HEALTH SCIENCES CENTER
2. NEW BED TOWER
3. AUDITORIUM
4. MART
5. EXISTING HOSPITAL



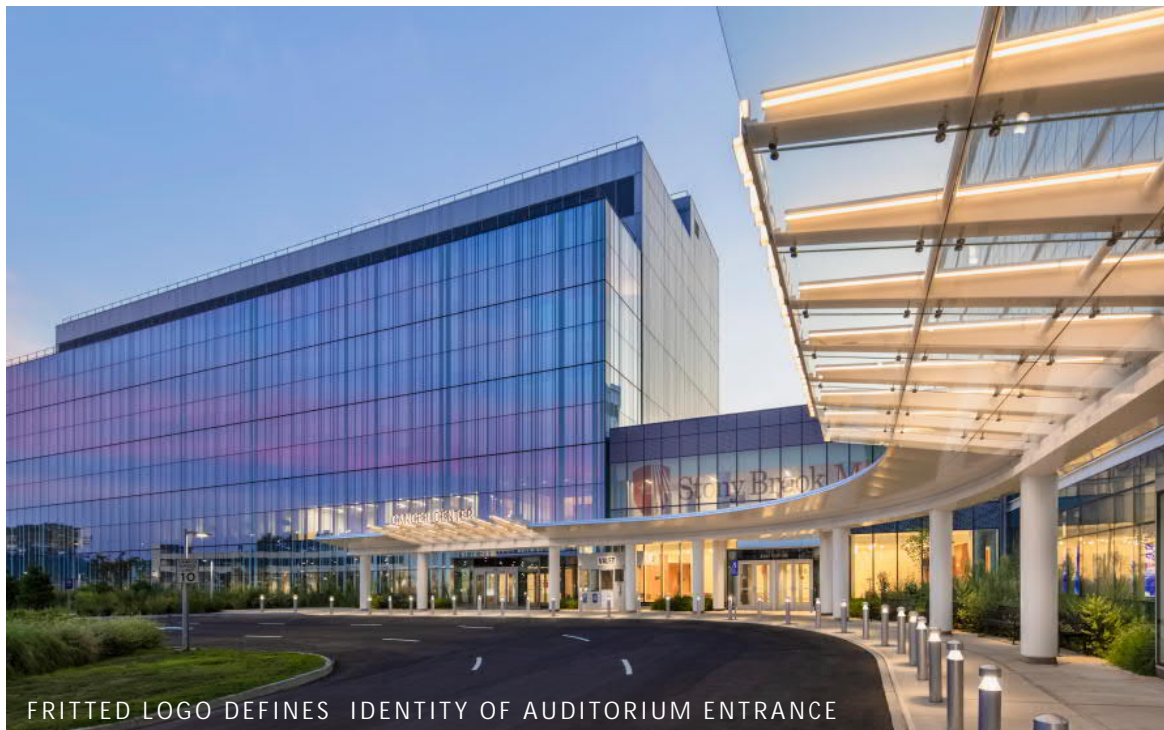
In an effort to provide a meaningful gateway to the site, the design responds to its surroundings through the use of native plant species in a way to provide a visually interesting yet site specific palette of vegetation. The main entryway for both pedestrians and vehicular drop off includes a concentration of vegetative species woven together from four distinct zones – Woodland Edge, Woodland Edge Meadow, View Corridor Entry Drive, and Open Courtyard. Careful site planning resulted in the preservation of the adjacent tree-line that acts as a buffer to the nearby busy highway. Views of Long Island Sound are provided for patients on the upper floors. Nautical design elements such as an interactive lighthouse provided in the children's waiting room and a television wall providing a live feed from the local aquarium tie the hospital back to this important aspect of the island's ecology.

A focal point of the project is a new 300-seat auditorium providing space for educational programs as well as after-hours community events. Shared by the MART and the Bed Tower, the auditorium sits between the two buildings creating a continuous public corridor. The new buildings have a strong connection to the original medical center, centralizing healthcare services that are easily accessible from multiple entrances.

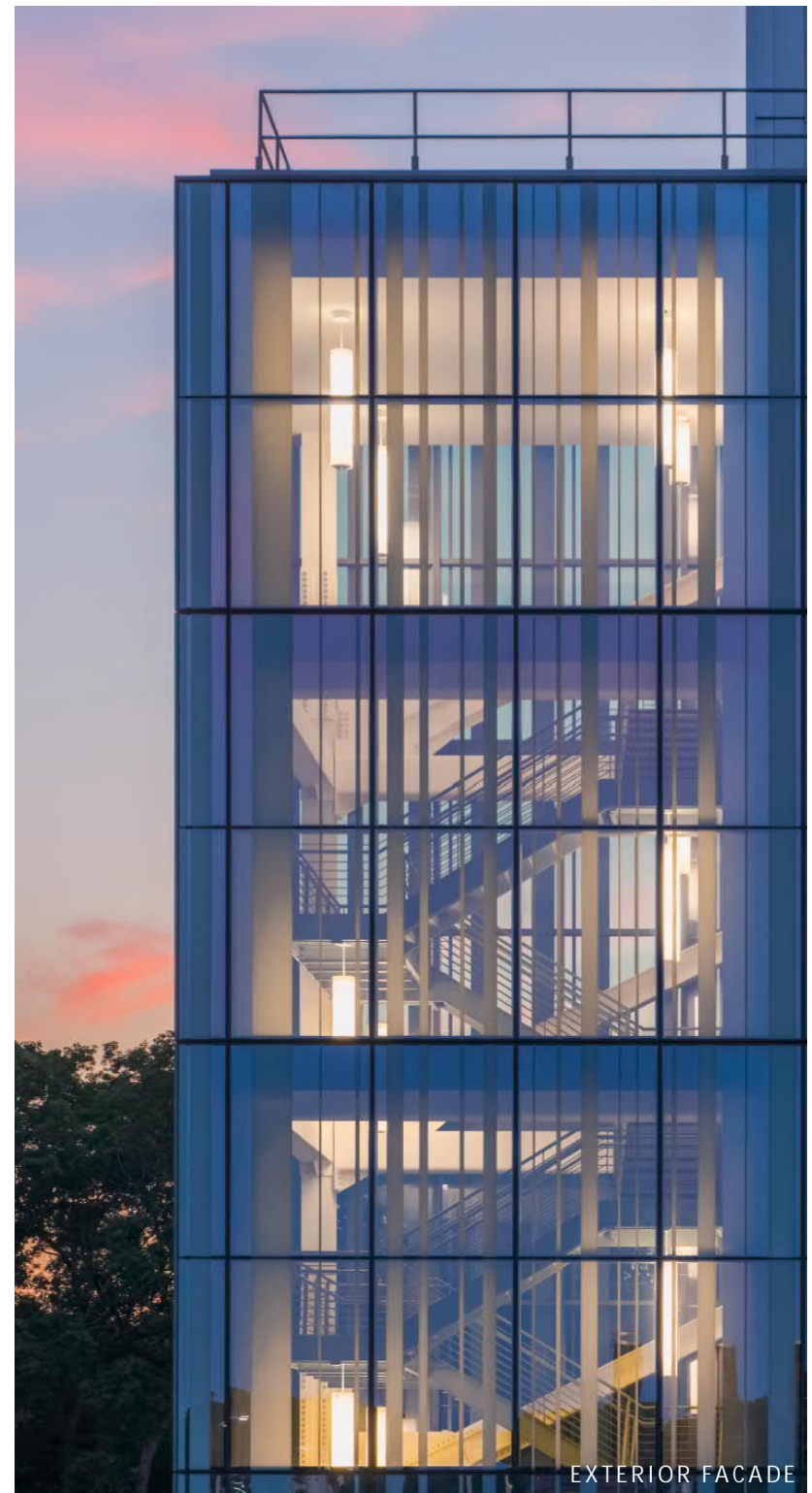




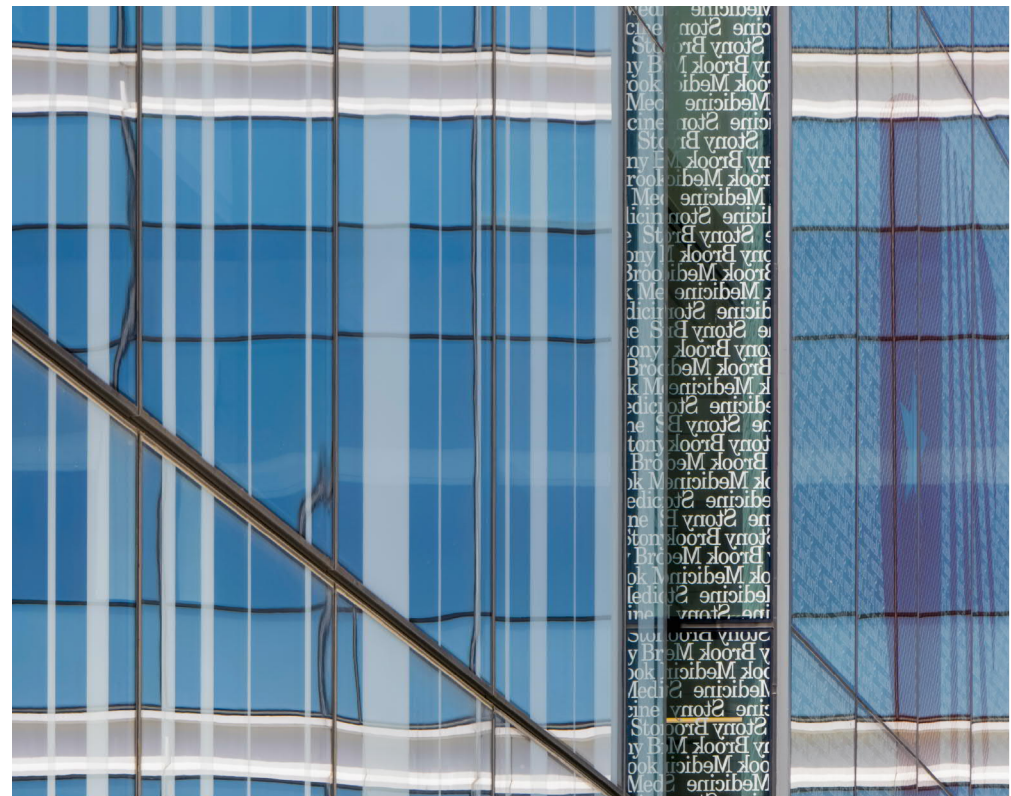
The main façade of the MART is a striking glass curtain wall with a vertical stripe pattern. From the south, a metal panel system wraps around the building and continuous strip windows highlight the research lab areas. The bed tower has a minimalist curtain wall that features a strong horizontal metal reveal at each level to provide contrast to the MART façade. The Stony Brook logo, printed with a red ceramic frit pattern onto the glass façade, serves as signage for the new buildings and creates a compelling identity for the auditorium entrance.

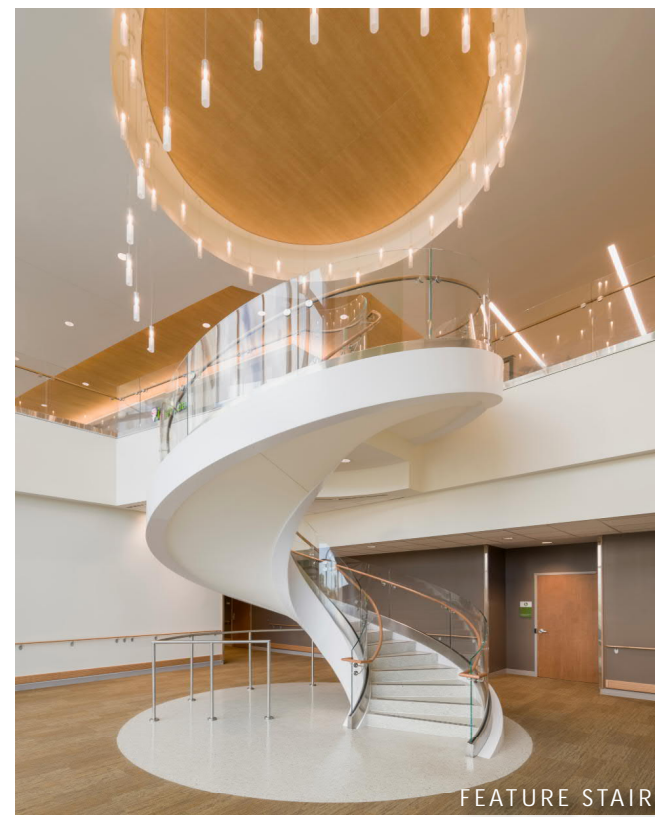
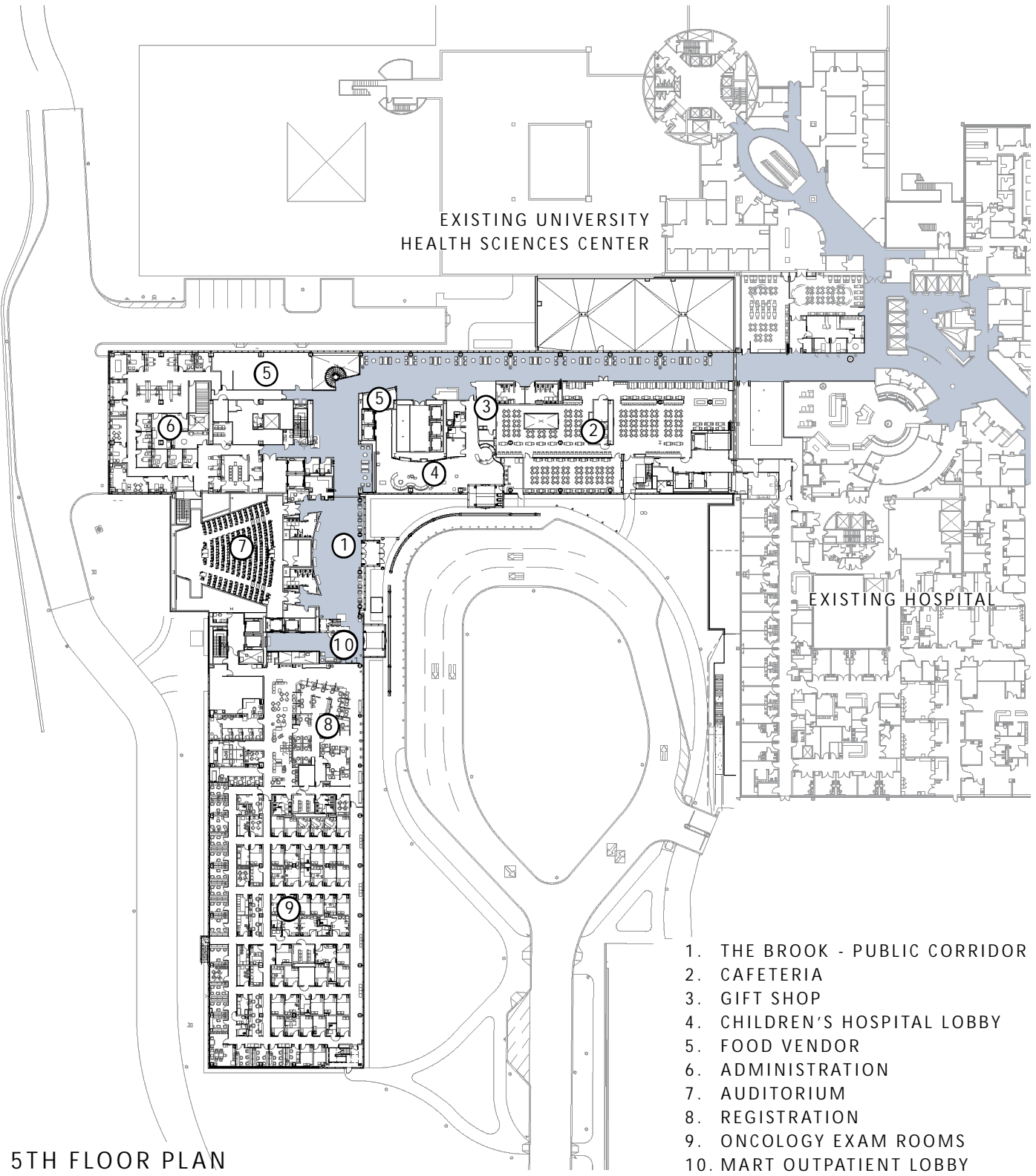


FRITTED LOGO DEFINES IDENTITY OF AUDITORIUM ENTRANCE



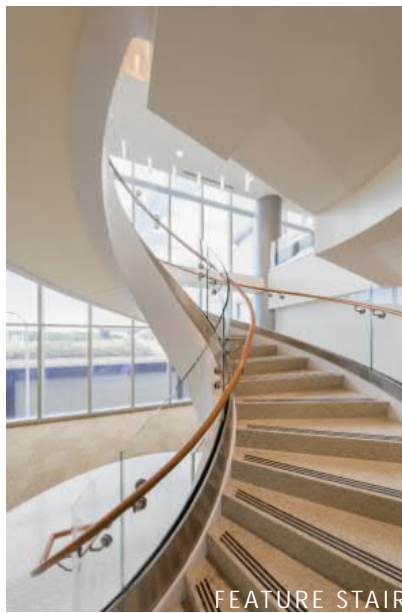
EXTERIOR FACADE







AUDITORIUM



FEATURE STAIR



MART LOBBY



AUDITORIUM
BREAKOUT SPACE



ADULT PATIENT ROOM



FAMILY WAITING AREA



PRIVATE INFUSION



GROUP INFUSION

