

Project Team

University of Illinois:

Board of Trustees of the University of Illinois

University of Illinois Foundation

UIUC Facilities & Services

Architect:

Peckham Guyton Albers & Viets, Inc.

Structural Engineer:

Alper Audi, Inc.

McFarland Memorial Bell Tower

The University of Illinois at Urbana-Champaign has designated a site at the intersection of the cross-axes of the North-South Quadrangle of the campus and the East-West (Military) Axis of a future quadrangle that is envisioned in the current campus master plan. Thus, the proposed tower is sited on the centerline of the Foellinger Auditorium and Stock Pavilion (North-South) and on the centerline of the new ACES Library (East-West).

The proposed bell tower, approximately 185 feet tall, will house 49 bells of various size and tones (four octaves), which will be arranged for tonal quality and visibility in the top of the structure. The bells will be cast in Europe and can be played by a remote touch-sensitive piano style keyboard or by a computer chip that is totally automated. The playing and frequency can be programmed by the University.

This facility will be constructed of four reinforced concrete vertical pylons that will be clad in brick chosen for harmony with the University-blend brick prevalent throughout the campus (such as ACES Library, Mumford Hall, or Illini Union). The structure will be internally braced with a grid of steel connectors. The top is a tapered roof clad in dark grey Terne metal to harmonize with the roof colors of the surrounding campus buildings. It is 26 feet square at the base and features four large arched openings.

The base is composed of a simple circular pad of matching brick pavers approximately 75 feet in diameter. A simple crisscross of campus sidewalks intersects at the base and the design of the facility allows for pedestrian through-traffic. No elaborate landscaping is anticipated at the base so it will more easily integrate with both the existing North-South Quadrangle and the anticipated development of the East-West (Military) Axis.

Lighting will generally be from within the tower. The player-console, sensitive equipment and maintenance items will be housed in some enclosure at the base within the pylons of the tower.

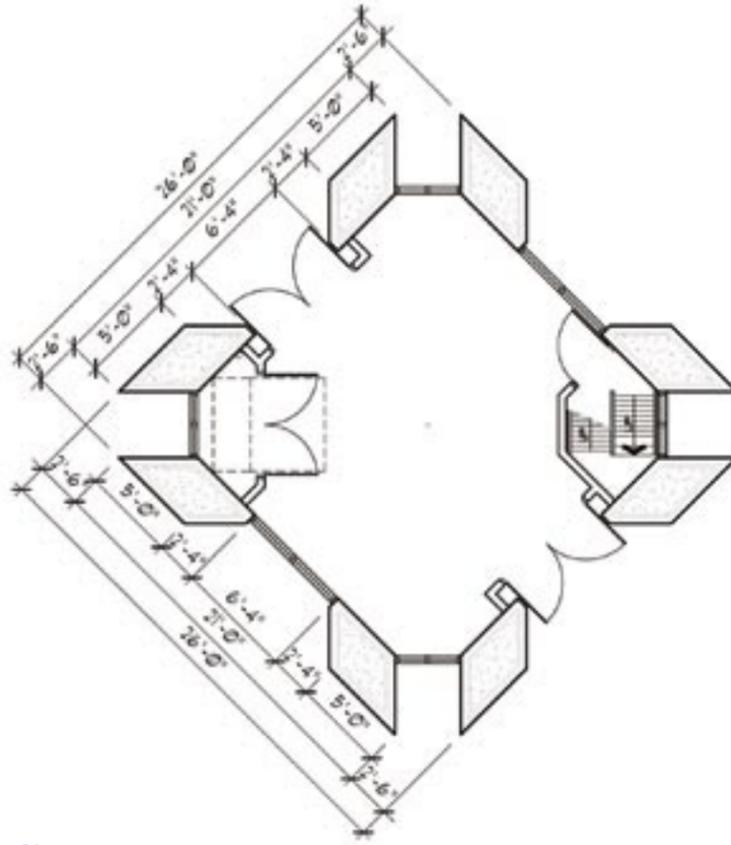


View of Bell Tower Looking to the Southwest

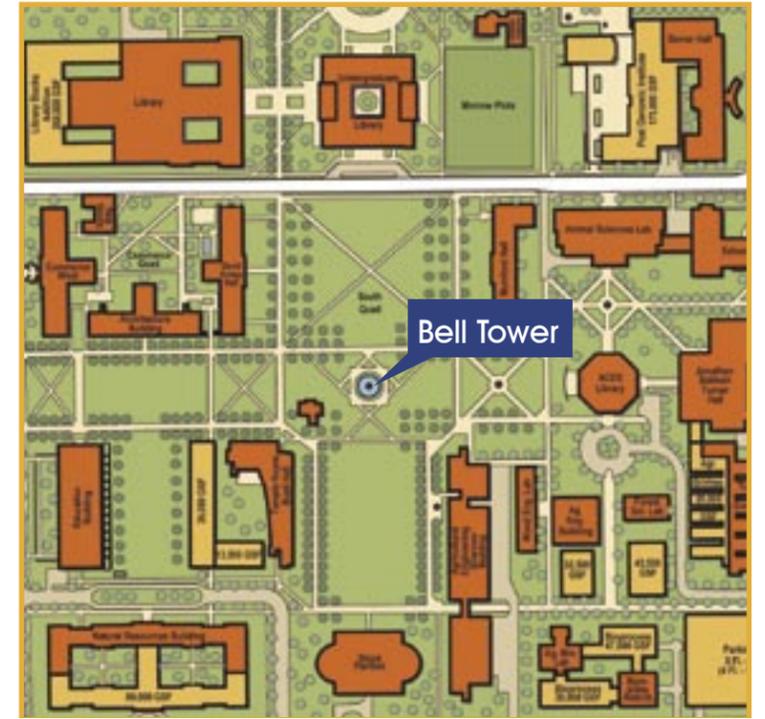




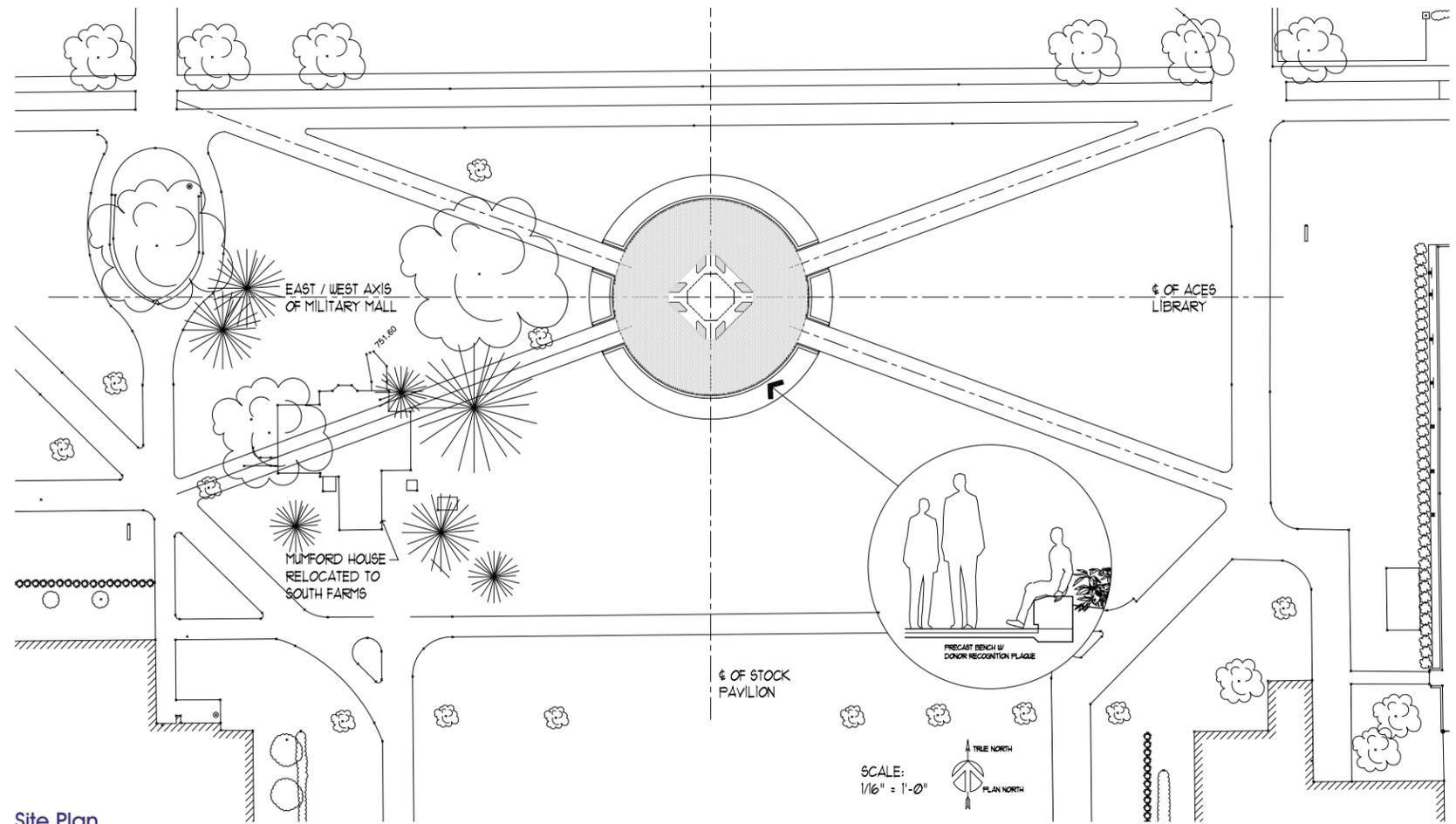
View of Bell Tower Looking to the Northwest



Floor Plan



Partial Master Plan



Site Plan