

Infirmery Health Systems - Physicians Office Building

Architect – Brown Penland McGregor Bldg. 1700
TAG/The Architects Group Bldg. 1720

Building Size – 100,000 square feet

Structural System:

Superstructure – Each four story building was designed with chevron bracing on four sides for lateral resistance and a composite steel beam and slab floor system. The roof systems are bar joists with metal roof decks. Building 1720 was designed for horizontal expansion.

Substructures – Building 1720 was constructed with cast in place basement walls founded on augercast piles. Steel columns were supported on pilasters cast into the wall. Building 1700 was constructed without a basement and was founded on pile caps supported by augercast piles. Battered piles were used on both buildings to resist lateral loads at the foundation level.



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