

17

Fun Facts about

BUMCP *ED and Tower*

(Banner - University Medical Center Phoenix)



wsp

Top 3 Fun Facts



Tallest hospital in Arizona at **254** feet and **17** floors



Previous emergency department handled **56,000** visits per year and is now able to handle **90,000** visits per year



Surgery is expected to grow from **68** cases per day to **82** cases per day after surgical expansion

Image at right: ©HKS



- 4 The BUMCP ED and Tower project cost \$418M
- 5 BUMCP Tower is 408,000 sf and the ED is 298,000 sf
- 6 Approximately 170 separate permits were required



- 7** Over 35 tons of copper were used on the project
- 8** Over 222 tons of carbon steel are utilized
- 9** Over 76 tons of cast iron on the project
- 10** 177.5 tons of ductwork
- 11** Project required a total of 166,555 sections of exterior masonry veneer
- 12** The largest single steel column piece on the project weighs 25 tons

- 13 Over 16 miles of plumbing and mechanical pipe is installed on the project weighing 313.5 tons
- 14 Campus utilizes 7,400 tons of cooling
- 15 Campus served by 17,000 kVA of generators including 12,500 kVA of new generator capacity
- 16 Expansion was built over the top of the existing campus spine and required relocation/replacement of hundreds of utilities
- 17 Approximately 760,000 feet of conduit and 3,600,000 feet of electrical wiring were utilized on this project

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