

BREMERTON NAVAL HOSPITAL ADDITION AND RENOVATION

Naval Station Bremerton, WA

SQUARE FEET

60,000

COST

\$26.2 million

COMPLETED

2001

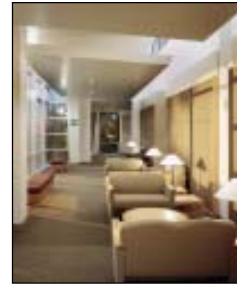
OWNER

US Navy, Engineering
Field Activity, Northwest,
Poulsbo, WA

ARCHITECT

NBBJ

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- ☑ *24-hour acute-care facilities design*
 - ☑ *New clinic building*
 - ☑ *Floor renovations to accommodate change of function*
 - ☑ *Parking structure (above-grade)*
 - ☑ *Flexible systems for future facility modification*
 - ☑ *Value engineering services, LCCA*
 - ☑ *Change order controls*



SERVICES

Shell and core design of 60,000 sf medical clinic addition, renovation to several floors of the existing hospital tower, and design of a 252-car, above-ground parking structure. Hospital personnel required minimal disruptions to maintain a continuous flow of operations. Notkin phased the mechanical design and construction to keep the hospital active on various floors. Existing air handling systems stayed operational during construction by isolating the ductwork from construction contamination.

ADDED VALUE

At the 35% phase, the parking structure required a mechanical ventilation system to comply with the Uniform Building Code (UBC). Our life cycle cost analysis indicated that if the architect opened up a 40-foot section of the northern most wall of the parking structure, the parking structure would be classified as an open-type garage. The UBC does not require mechanical ventilation of open parking structures. As a result, it was less costly to open the parking structure than to install a mechanical ventilation system, thereby reducing both energy costs and eliminating maintenance costs in the future.

COST CONTROL

In addition to saving costs on the garage, Notkin's design of separate air handling units for each floor allowed the outpatient floor of the building to operate independently from the rest of the building, further reducing energy consumption in unoccupied spaces.

2002 Award of Merit, American Institute of Architects—Seattle