



## Pediatric Behavioral Health Tower Norfolk, VA



### Project Information Detail

The Children's Hospital of The King's Daughters (CHKD) 14-story, 366,700 SF new pediatric behavioral health facility, supports both hospital-based outpatient clinics and an inpatient pediatric behavioral health program.

The outpatient specialty clinics serve a variety of program types including Orthopedics, Sports Medicine, Radiology and other general ambulatory services. The inpatient component includes 60 patient beds with future growth up to 105 beds to serve an historically underserved population.

HBS was part of an Integrated Project Delivery Team that utilized LEAN based design tools such as process mapping, pull planning, empathy mapping and A3 documentation to help guide and inform the design process. The LEAN process allowed staff to reimagine how their teams could work most efficiently.

CHKD's model of care will be to reduce or eliminate the need for restraint therapy and reduce the amount of medication therapy by allowing the patients to act out in place. All in patient rooms feature two beds: one for the patient and another for a parent or guardian.

The units are being designed so that there are always two means of egress out of every space. The area can be locked down to allow staff to evacuate everyone other than the child in crisis and the space can withstand the violence that might ensue. This approach will reduce the number of staff injuries and allow the patients to learn how to recognize their self-perceived distress and understand their best coping mechanisms. The goal is that the patients will be better equipped to manage their emotions in the real world without relying on medication or physical restraint.

Amenities include an expansive rooftop recreation area with basketball courts and a soccer area, an indoor gym, music and art therapy, a multi-sensory room, family lounge areas and classrooms for regular academics.

### Architect

Array Architects  
Conshohocken, PA

PF&A Architects  
Norfolk, VA

### Owner

Children's Hospital of the  
Kings Daughter

### Major Components

(60) Private Inpatient Beds  
Outpatient Services  
Orthopedics  
Sports Medicine  
Radiology  
Exam Rooms  
Lab/Phlebotomy  
Pharmacy

### HBS Services

Equipment Planning  
REVIT Documentation

### Project Size

366,700 SF

### Equipment Budget

\$2.8 million

### Construction Budget

\$224 million

### Completion Date

2022