

# CREATING INSPIRED SOLUTIONS THAT IMPROVE LIVES

HEALING FACILITY PLANNING

BSA



# HEALTHCARE FACILITY PLANNING

At BSA, we specialize in translating organizational vision into built environments that advance strategic goals, maximize return on investment, and deliver experiences centered on your patients. Our facility planning process goes beyond design, it's a strategic partnership that ensures every decision supports a sustainable, successful future for your healthcare system. By aligning your mission and vision with the physical environment, we help create spaces that serve as the backdrop for life's most pivotal moments. This approach is built on three core pillars:

## Strategic and Financial Alignment

Our methodology is rooted in an evidence-based design (EBD) framework, informed by clinical workflow analytics, patient outcome data, and advanced space utilization studies. This rigorous, data-driven process allows us to design environments that enhance patient safety, optimize clinical performance, and improve staff well-being, directly impacting your financial performance and mitigating risk.

## Experience Mapping

We understand that the patient and staff journey extends beyond the building's walls. We holistically plan for the entire user experience, from intuitive digital wayfinding and efficient parking and drop-off points to seamless transitions throughout the facility. This proactive approach minimizes operational disruption and enhances market competitiveness.

## Future-Ready Resilience

Our pre-design process, encompassing feasibility studies and benchmarking, is meticulously designed to prevent costly over-building while ensuring scalable, future-ready infrastructure. We help leadership teams anticipate and proactively plan for disruptive changes, such as the integration of telehealth, AI-driven diagnostics, and future surge capacity. Our expertise in Lean methodologies and industry benchmarks future-proofs your investment against evolving regulations, technological shifts, and emerging healthcare trends.

By partnering with BSA, your organization gains a roadmap for strategic growth. We build consensus among stakeholders to ensure your facility planning initiatives create a transformative healthcare environment that is resilient, responsive, and positioned for sustained success.

Discover more at [bsadesign.com/planning](https://bsadesign.com/planning)

### CONCEPTUALIZATION

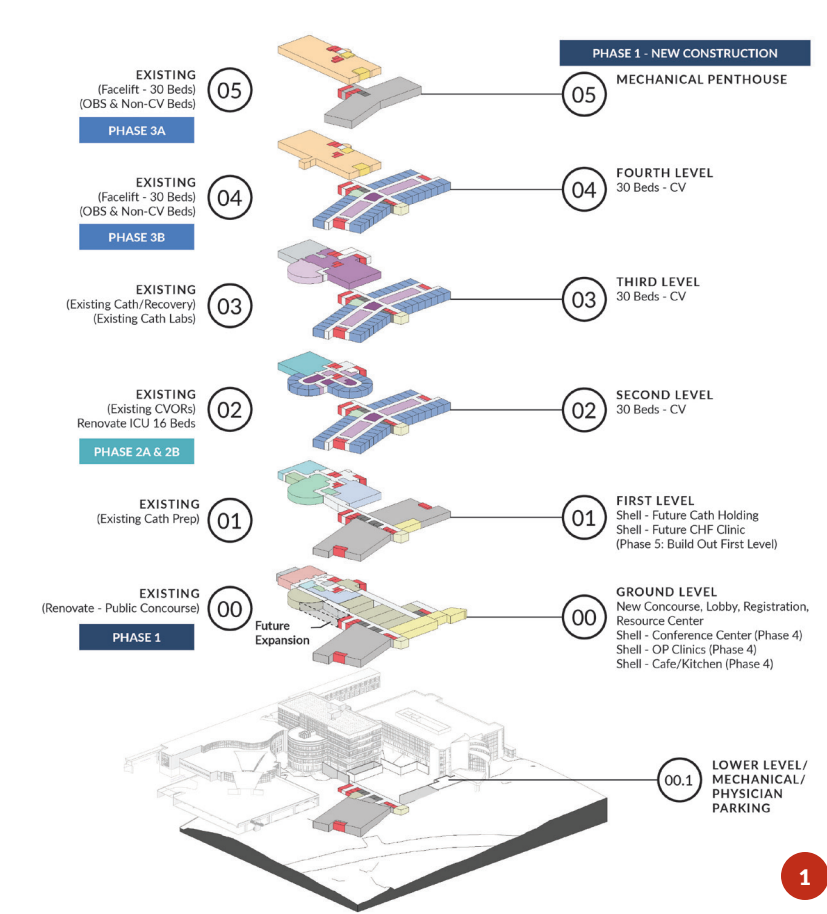
- Define the facility's purpose and vision
- Analyze demographic trends, potential patient volumes and financial viability
- Engage with stakeholders to define goals, secure resources and build alignment

### PROGRAMMING

- Understand operations, space utilization and patient outcome goals
- Quantify and document space needs
- Determine equipment requirements
- Incorporate applicable codes and guidelines

### PLANNING

- Create functional layouts based on patient-centered design principles, clear wayfinding and technology integration
- Feasibility studies and benchmarking to prevent over- or under-building
- Incorporate flexibility and modularity to ensure adaptability to evolving service models, technologies and regulations
- Plan the entire journey of patients and staff including access points, seamless transitions and the overall environment



**1 STACKING DIAGRAM**  
Our team uses a variety of graphic tools to communicate design intent, growth and the relationship of existing to new.

**2 3D VISUALIZATION**  
We utilize perspectives, walk-throughs and virtual reality to help our clients understand the quality of space and relationships of spaces.

**3 SSM HEALTH, GOOD SAMARITAN HOSPITAL**  
We focus on integrated teams and an integrated approach to planning since the experience begins before stepping in the front door. Entrances should be well defined with simple circulation paths and direct.

**4 WAKEMED HEALTH & HOSPITALS, WENDELL HEALTHPLEX**  
Healthcare spaces should be planned and designed to meet the unique needs of the staff and patients. In an emergency department, visibility is a priority along with the ability to move quickly in and out of staff support spaces.

**5 CHEYENNE REGIONAL MEDICAL CENTER, HYBRID OR**  
The Planning Team works across the spectrum of healthcare, integrating advanced technologies including interventional equipment, AI assisted environments while maintaining a focus on operational efficiency and patient care.





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BSA | 2025