



# Central State Hospital Project Update – July 2024

Chinh Vu, Director

DGS Office of Construction Management for Special Projects

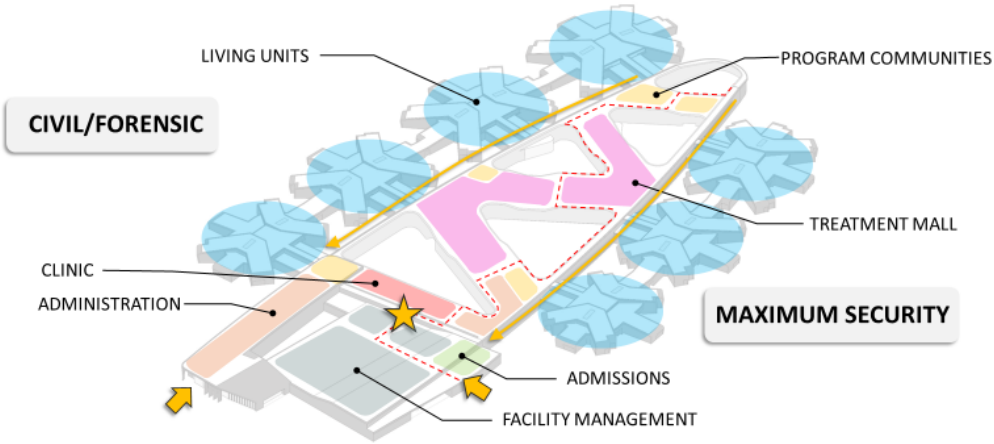




# CENTRAL STATE HOSPITAL



## PROGRAM DEPARTMENTS / FIRST FLOOR



- 461,000 SF stand-alone replacement facility in Petersburg, VA. 252 Beds including 141 Civil/forensic beds and 111 Maximum Security beds.
- Treatment areas central to the hospital and separated completely between population types.
- Program communities and courtyards (bottom right) for specialized treatment.
- Shared clinic with dental, exam rooms, x-ray, radiology, phlebotomy and physical therapy.



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CSH / MAIN ENTRANCE LOBBY







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# BUILDING ORGANIZATION

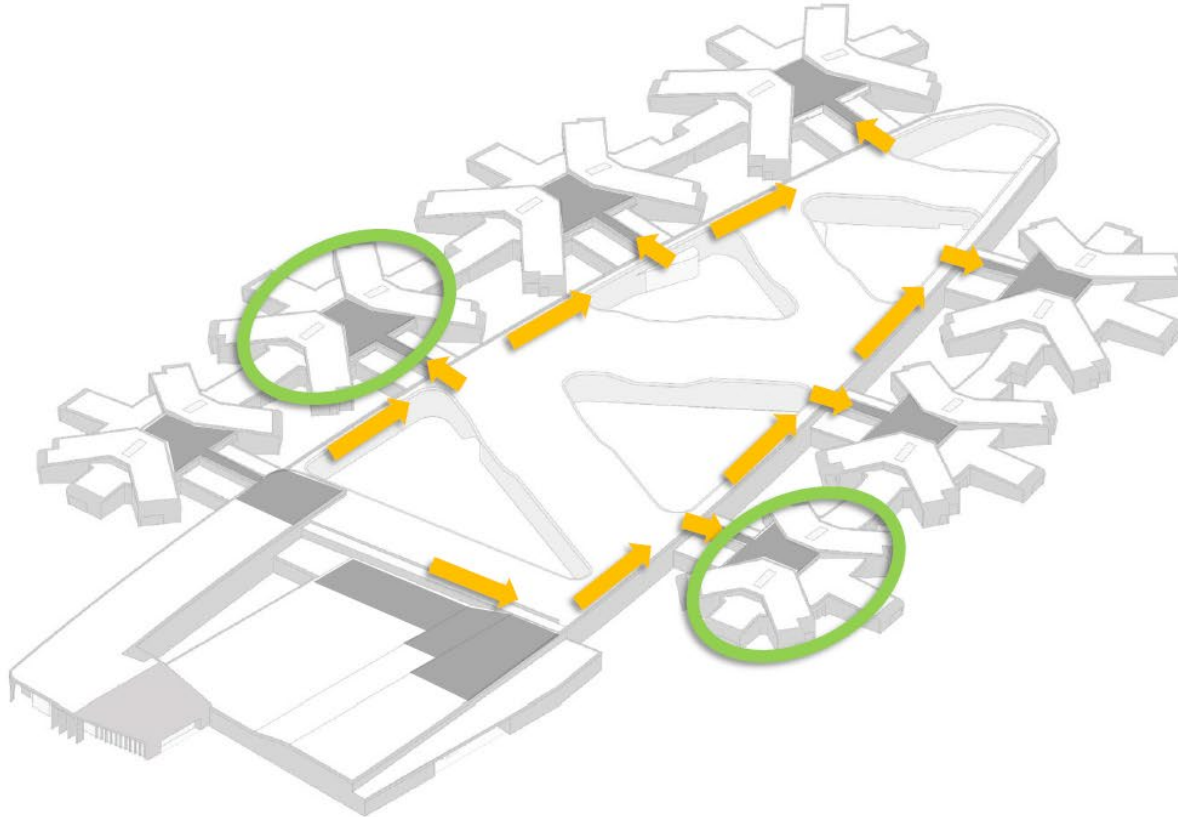
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# CENTRAL STATE HOSPITAL



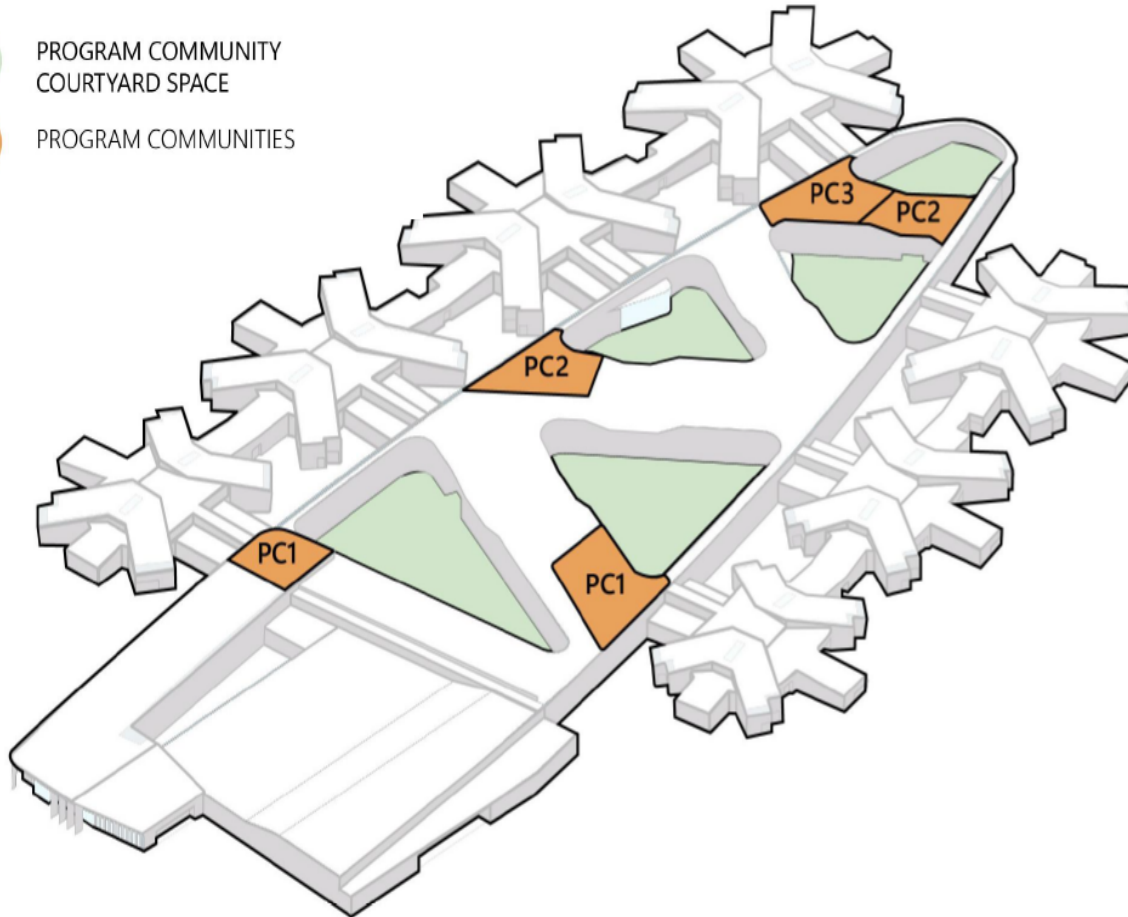
## CSH LIVING UNIT LAYOUT / SEPARATE FLOOR CIRCULATION FOR MAINTENANCE/FACILITIES





## PROGRAM COMMUNITIES / CUSTOMIZED TREATMENT SPACES BY DIAGNOSIS

-  PROGRAM COMMUNITY COURTYARD SPACE
-  PROGRAM COMMUNITIES

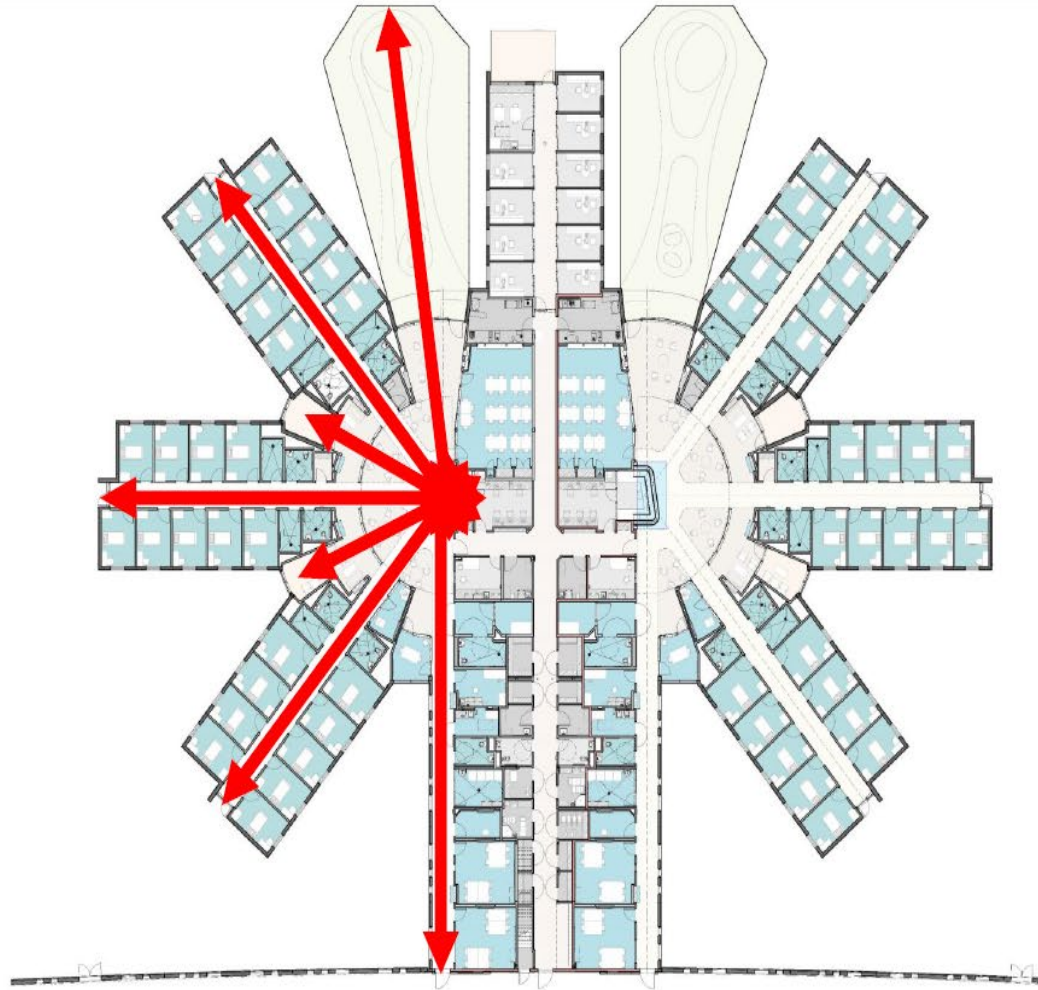


### Program Community Types:

1. Medical/Cognitive Program
2. High Acuity Patient Program
3. Flexible/Social Learning Program
4. Intensive Rehabilitation Program
5. Substance Use Treatment Program (Potential)



## CSH / LIVING UNIT LAYOUT





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# **THERAPY – SUPPORTIVE DESIGN INNOVATIONS**

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# GSH / TREATMENT MALL - COURTYARDS



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# CSH / TREATMENT MALL - TOWN SQUARE





## CSH / TREATMENT MALL - PATIENT DINING ROOM





## CSH / TYPICAL PROGRAM COMMUNITY







## CSH / SENSORY ROOM





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# CONSTRUCTION UPDATES

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# COMPLETED WORK



- Site Clearing
- Stormwater management ponds
- Grading for building pad / parking
- Retaining walls constructed
- Primary utility relocation:
  - Gas line re-routed
  - Dominion Energy lines installed
  - Telecom pathways to site
- New waterlines installed to site
- Fire lane access road and hydrant loop installed around building
- Clearing for off-site sanitary sewer



Jan 20, 2023 2:10:31 PM  
10th Street  
Petersburg  
Dinwiddie County  
Virginia



Mar 24, 2023 11:31:49 AM  
10th Street  
Petersburg  
Dinwiddie County  
Virginia



Jun 26, 2023 9:52:41 AM  
10th Street



Sep 28, 2023 11:14:23 AM  
7th Avenue



Dec 7, 2023 3:40:26 PM  
110 7th Avenue  
Petersburg  
Dinwiddie County  
Virginia



Dec 29, 2023 11:49:48 AM  
Accomac Street  
Petersburg  
Dinwiddie County  
Virginia





# WORK IN PROGRESS



- Precast exterior walls and structural steel erection in progress
- Foundation footing, masonry walls, underground electrical /plumbing and
- Storm structures /piping installation on-going





## **CONSTRUCTION PROGRESS/ Key Construction Milestone Dates**

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- 2022 Site work / clearing started: December 2022
  
- 2023 Building construction started: October 2023
  
- 2024 All foundations to be completed July 2024  
2nd floor concrete slab placement in Pharmacy complete July 2024  
Masonry wall construction is ongoing in the Treatment Mall, with construction of gymnasium and vocational training areas.
  
- 2025 Precast exterior wall panels continue through January 2025  
Structural steel erection continues through April 2025  
Permanent Power planned for October 2025
  
- 2027 Substantial Completion / Final Inspections for Occupancy by January 12, 2027  
Staff & Patient move-in: February / March 2027