

Infrastructure Development for the Near and Distant Future

San Francisco VA Medical Center

4150 Clement Street
San Francisco CA 94121

April 24, 2006

Prepared by
Joint Planning Office & Engineering Service
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(415) 221-4810 Ext: 4529
eric.downing@va.gov





view

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& Patient Privacy - Major

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KS

Building 203 - Other Projects

Medical Service & 2nd Flr Clinic I

PICU Remodel - Minor

Physical Therapy to Ground Floor

Cardiology / Cardiac Cath Lab R

ICU Office Remodel - NRM

Nuclear Medicine Remodel - NRM

203 Interior Corridor & Bathroom

Other Minor Projects (FY04-FY06)

Renovate B-13 for MRI Research

Renovate and Expand E&A (Emer

Building 200 Clinical Annex - FY0

Facility Master Plan

Landscape Master Plan

Institutional Master Plan

NRM Projects (FY07-FY11)

Minor Projects (FY07-FY11)

Major Projects (FY07-FY11)

Enhanced Use Developments

VA MEDICAL CENTER

San Francisco California



Commemorating 75 Years of Service

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<http://vaww.sf.med.va.gov/Engineering/documents-projects/Seismic-2006/index.htm>

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[Final Tie Main Sewer](#)
[t. Demolish \(E\) Manhole At Main Sewer](#)
[Demolish Main Driveway / 17 Line Stair Wall](#)
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[Deliver Pier Reinforcing](#)
[Private Line 15 And Line J](#)
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April 7, 2006



Building 203

The SFVAMC inpatient building or hospital building (Building 203) was built in 1976 and does not meet current seismic safety standards. SFVAMC Management submitted the proposal for a seismic construction project and it was approved. The project will structurally reinforce the exterior walls of Building 203 and allow us to enhance some of the interior spaces for improved patient privacy.

Employees, volunteers, patients, visitors, and vendors will see various changes and construction activity for the next couple of years. The seismic construction project for Building 203 will conclude in 2009.

New VA People on Board

Engineering Service is pleased to introduce Randy McMasters, Senior Resident Engineer for the Building 203 Seismic Construction Project. Randy has located to the

San Francisco project is completed works for VA in Washington working with Engineer for Both Randy a directly for the funded by VA

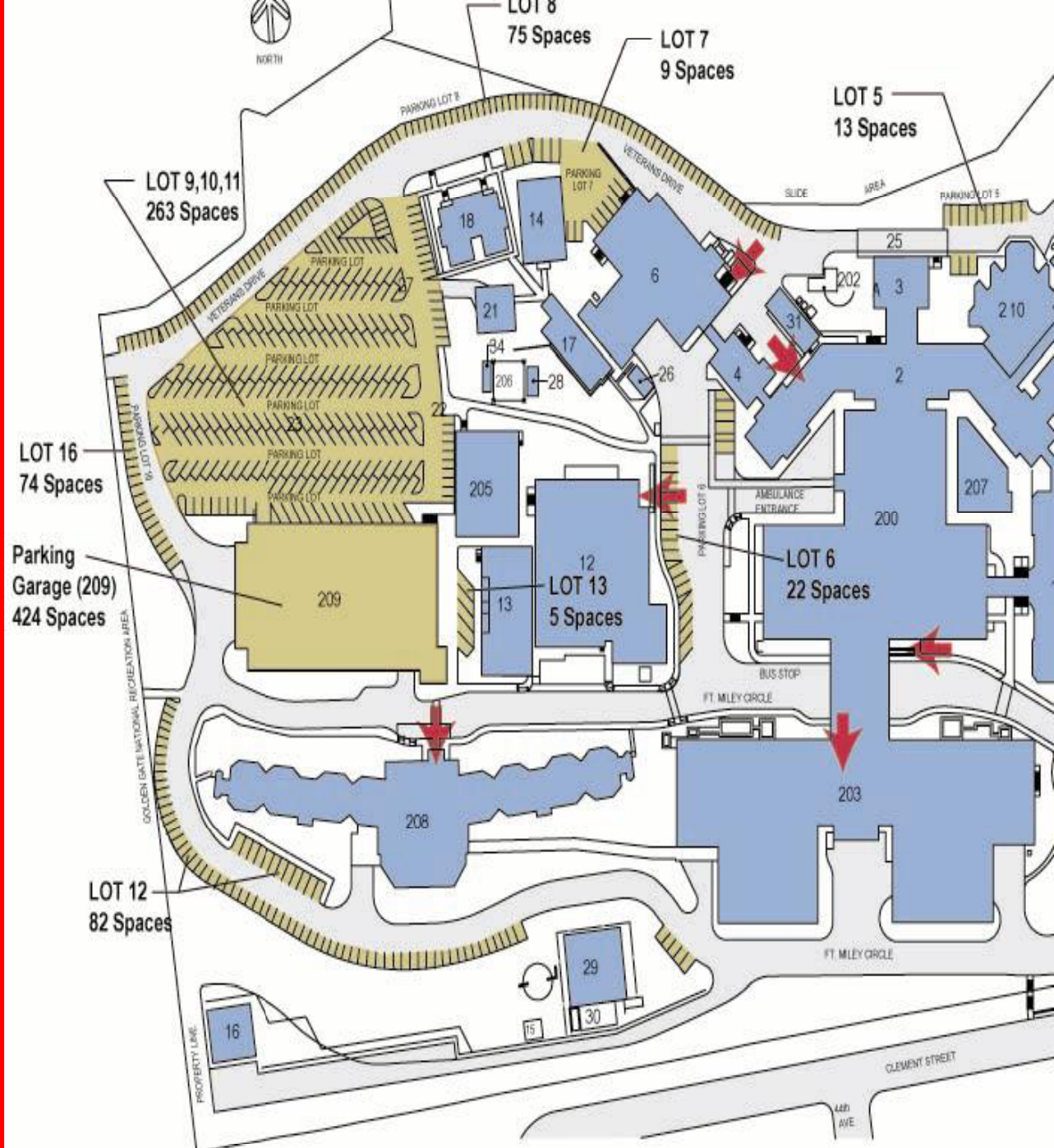
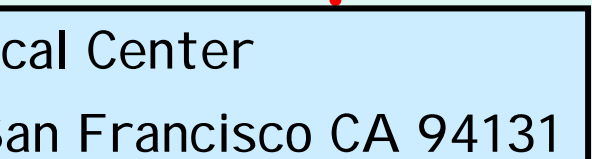
Contractor

Randy McMasters, contractor, SJ order to proceed authorized to trailer at the Building 203. prepared for the as well as some areas. The construction remain at that site of the seismic You will see the area has been for safety and

Phase I Be

The seismic is a complex be completed cases two phases simultaneously and includes





es include:

ng that will allow B-203 to
al following a major seismic event

trical & Plumbing (MEP) Bracing

Connections

Incorporate ADA compliant t
all patient rooms and remode

Completely remodeled Nurse
support service areas

3. Other Upgrades include:

Façade Enhancements

Food Service Dock Expansion

AMMS Dock Area Renovation



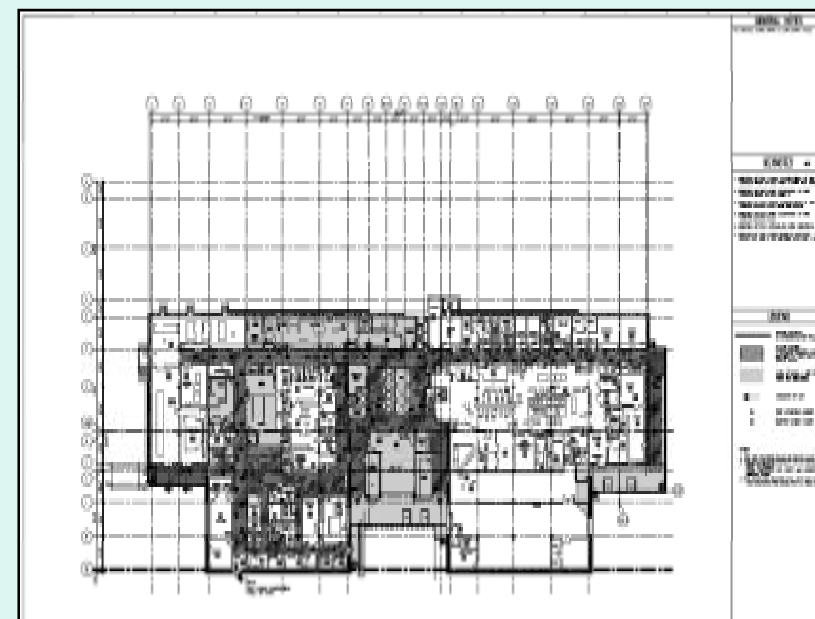
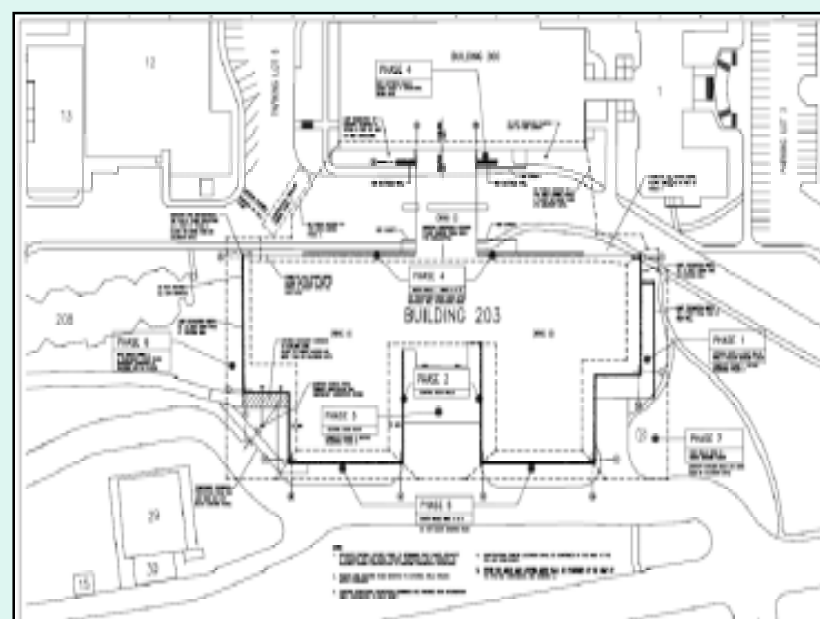
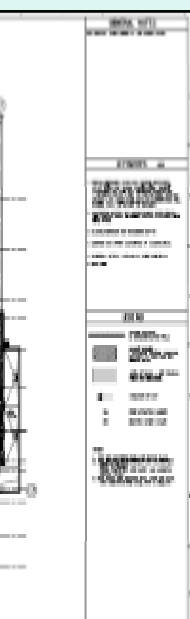
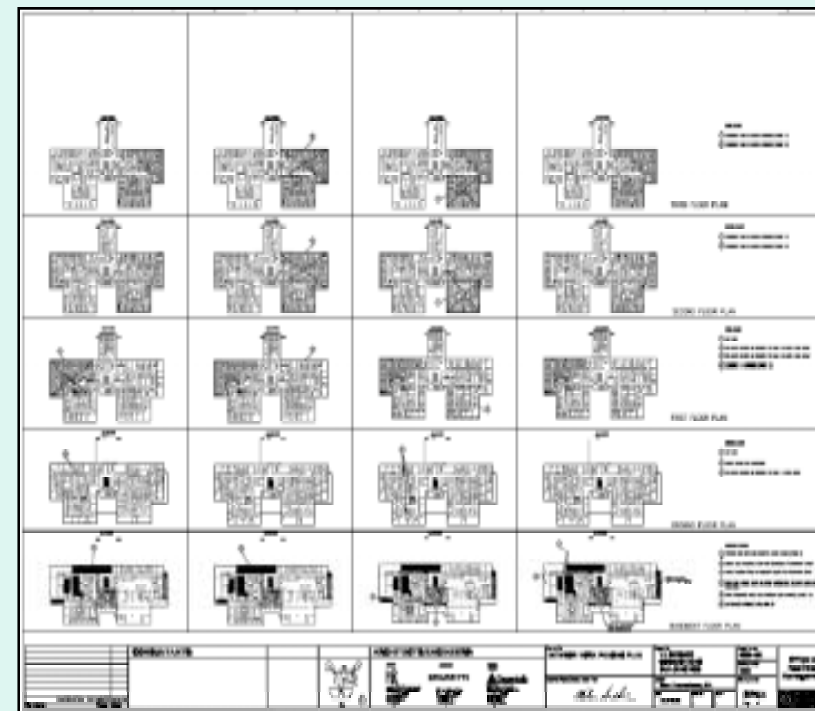
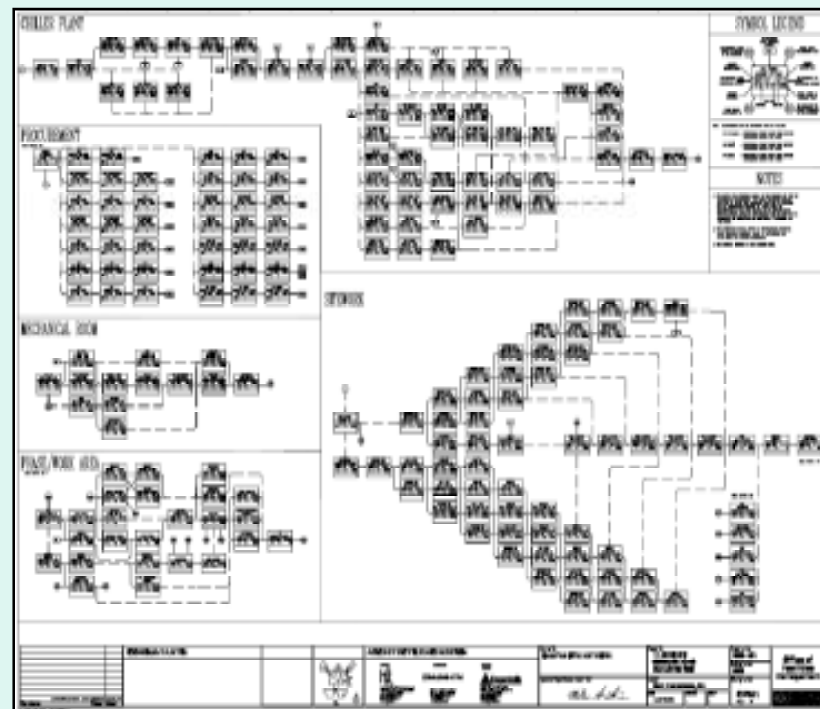
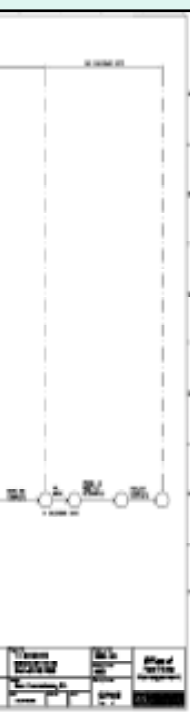


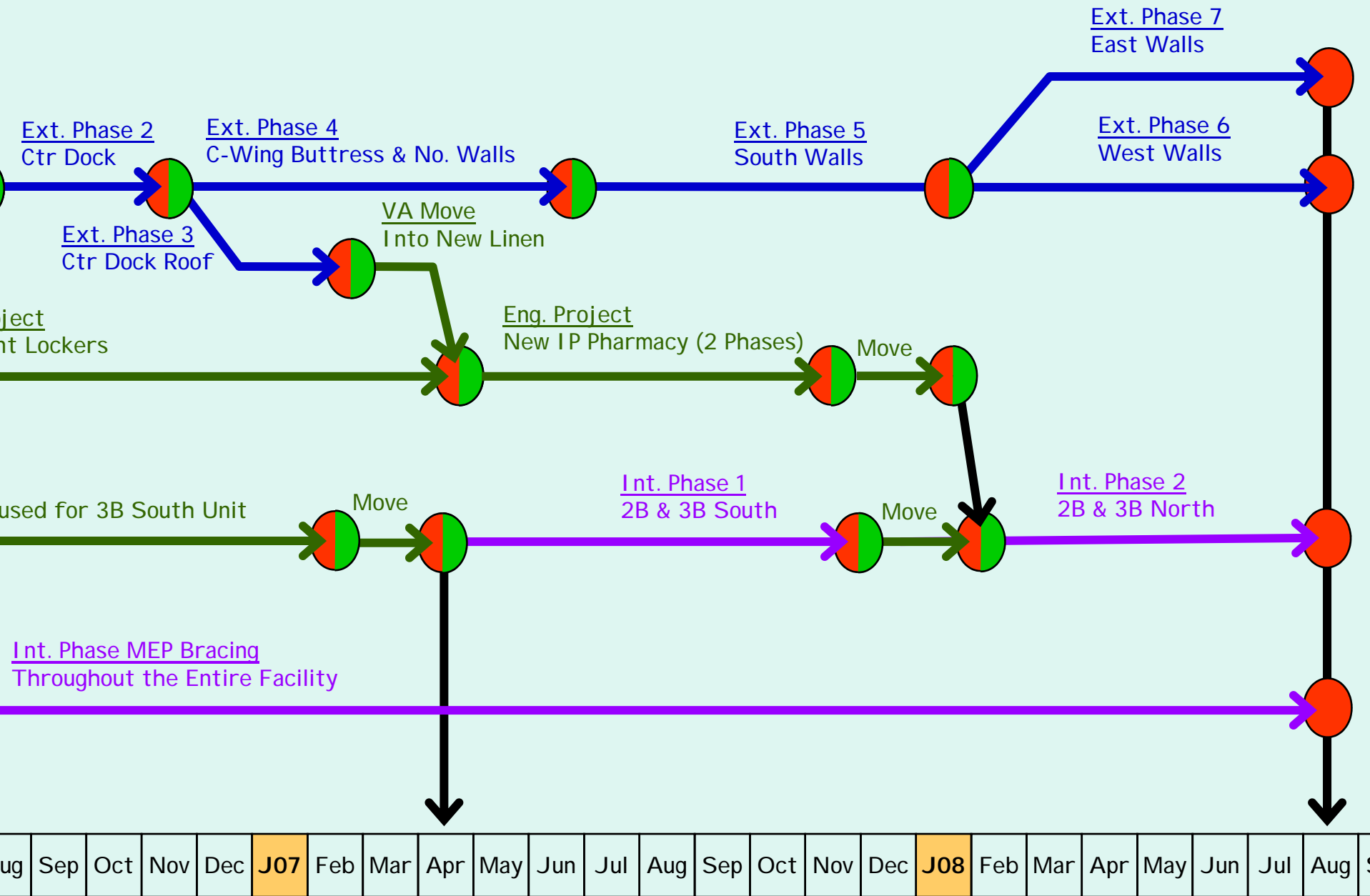


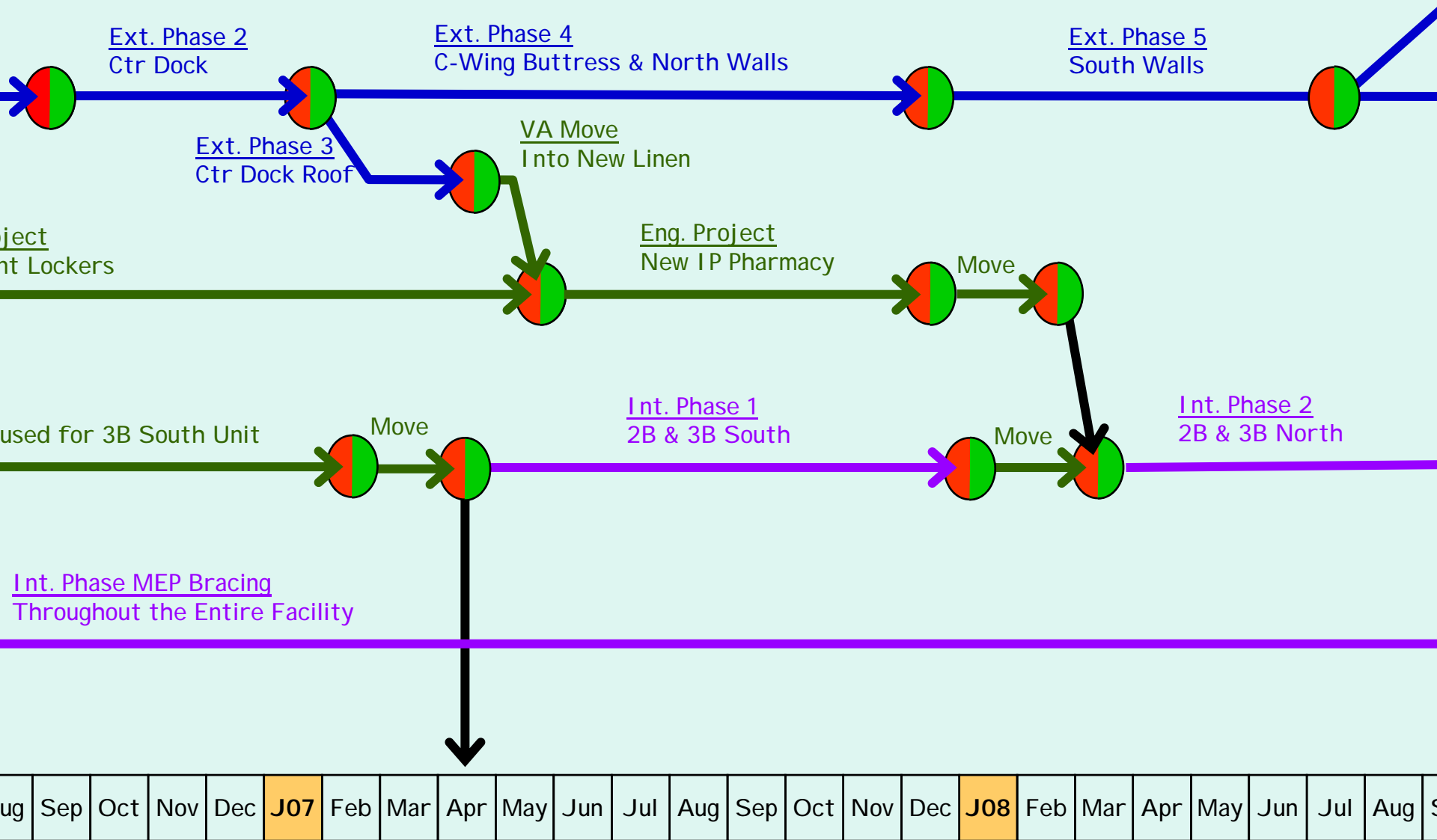




accommodate the needs of the project and the Medical Center.







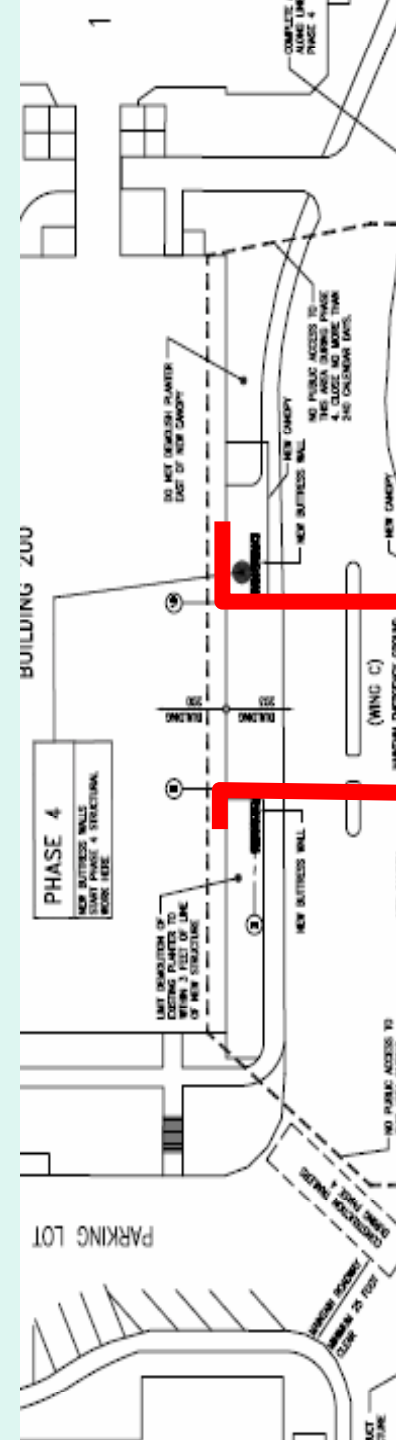
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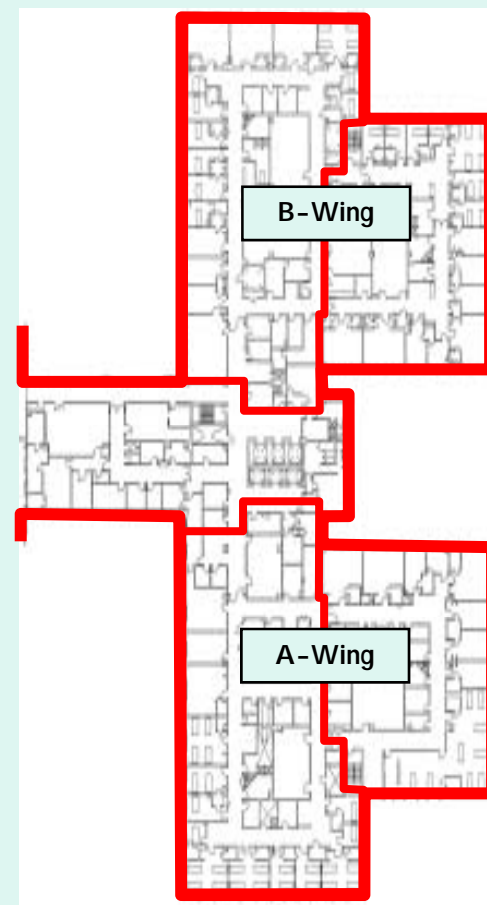
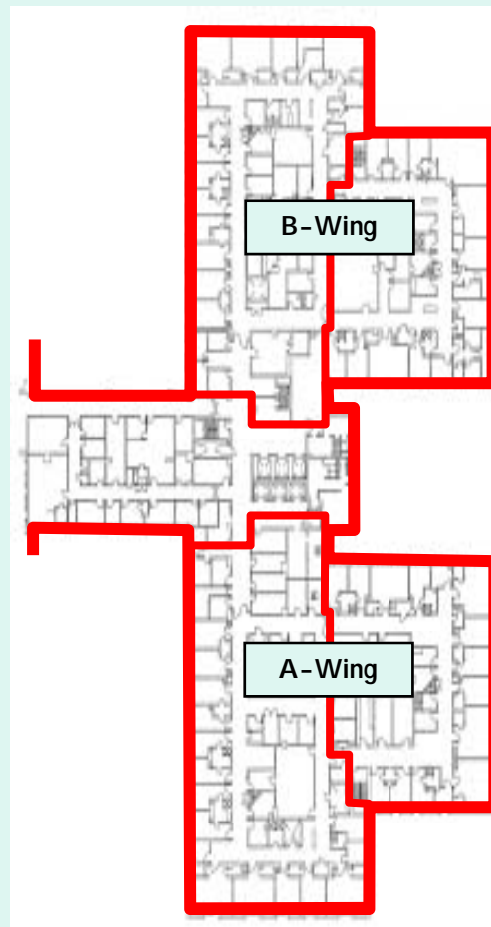
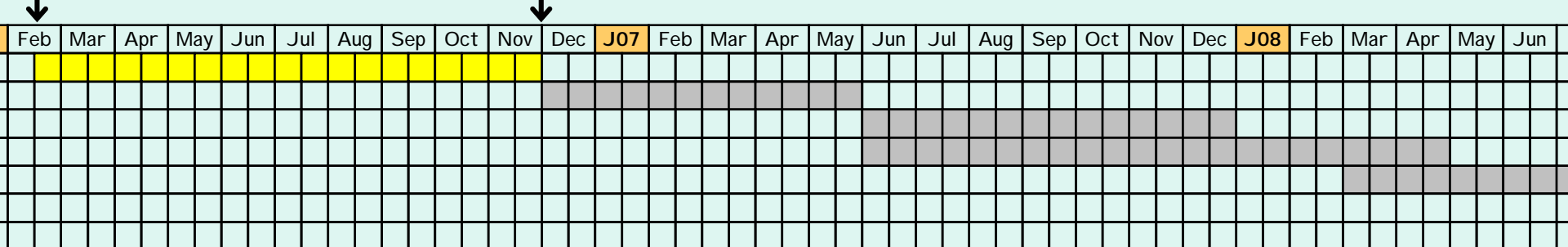
profit construction is comprised of 7 major phases.

signed in an order that addresses structural balance

es address structural support to the east wall and
e both the food service and EMS/AMMS loading

ne of several phasing plans from the Seismic Project.
we have developed a floor-by-floor plan to better
appen.

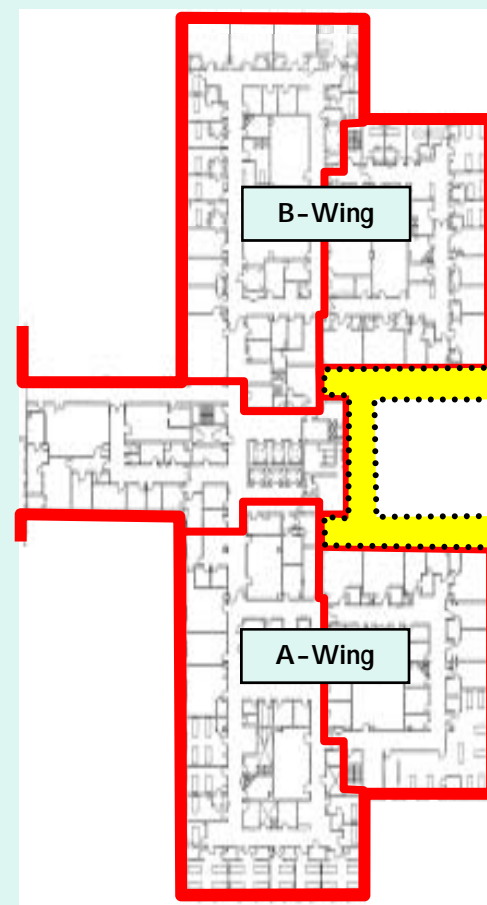
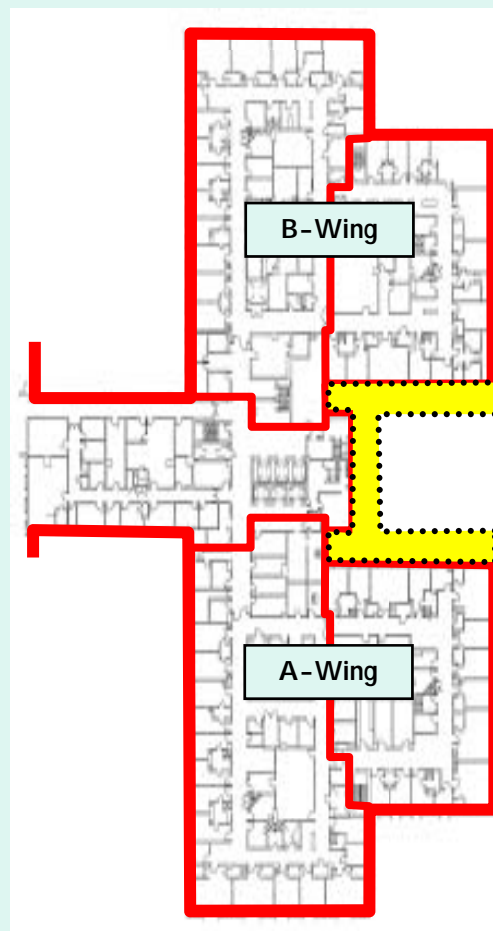
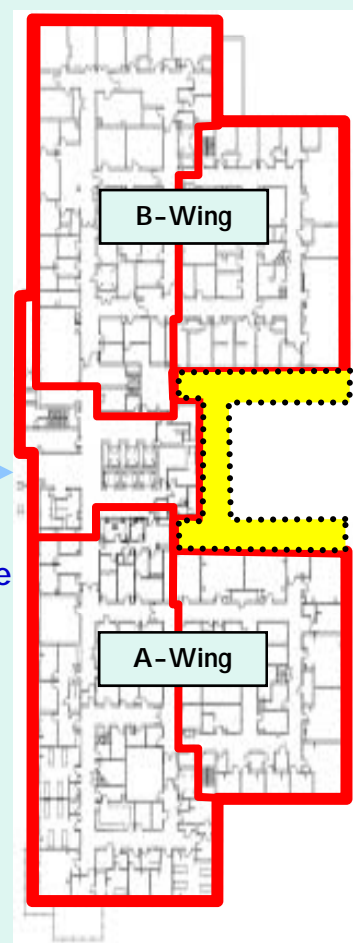
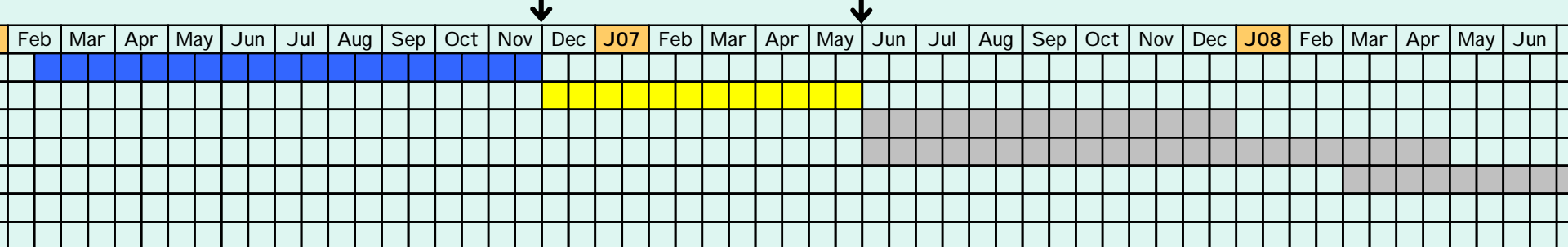




Ground

1st Floor

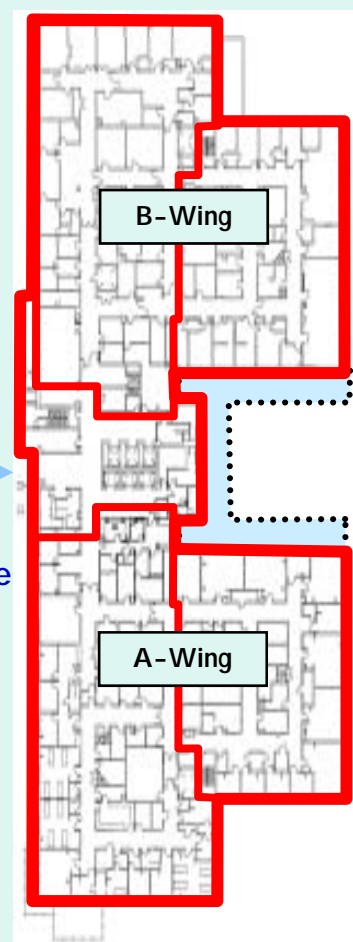
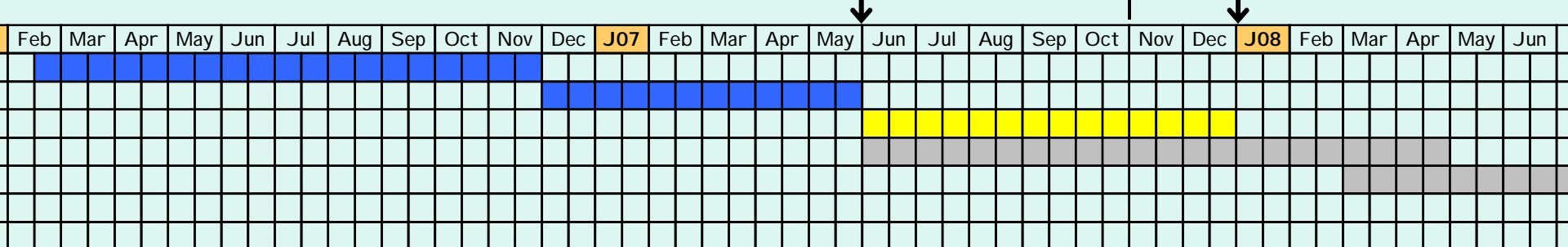
2nd Floor



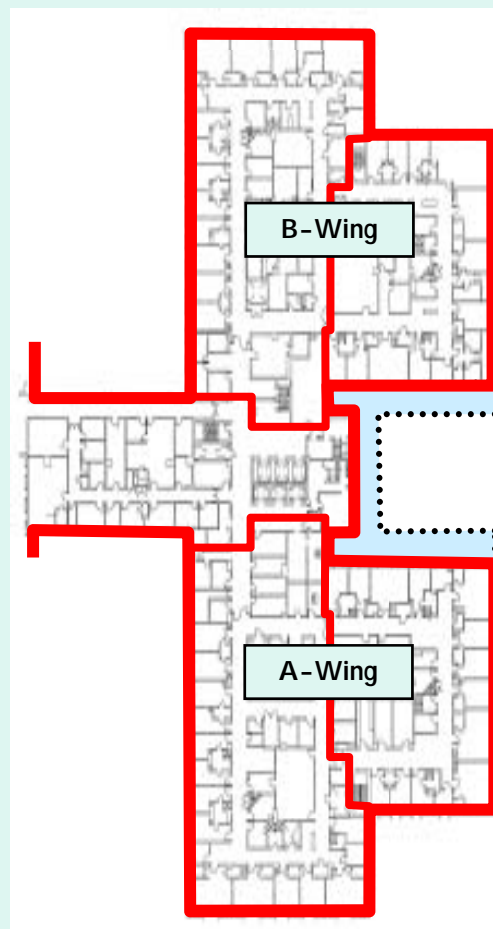
Ground

1st Floor

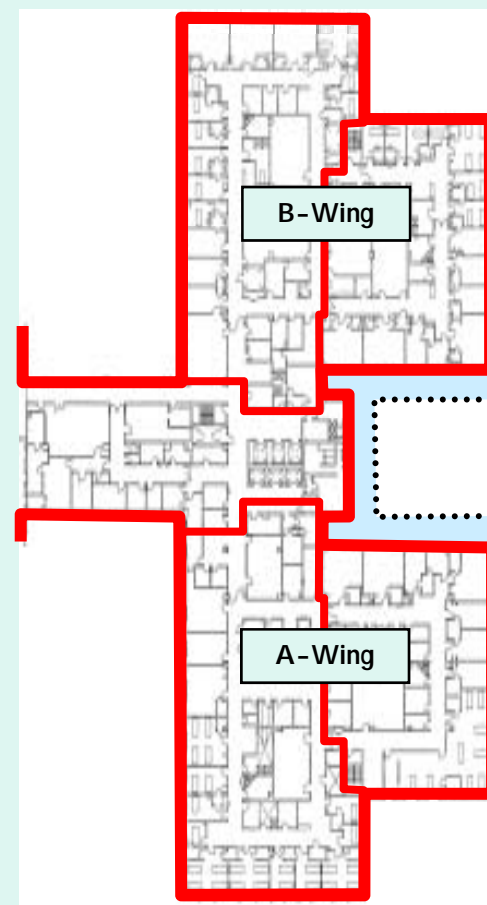
2nd Floor



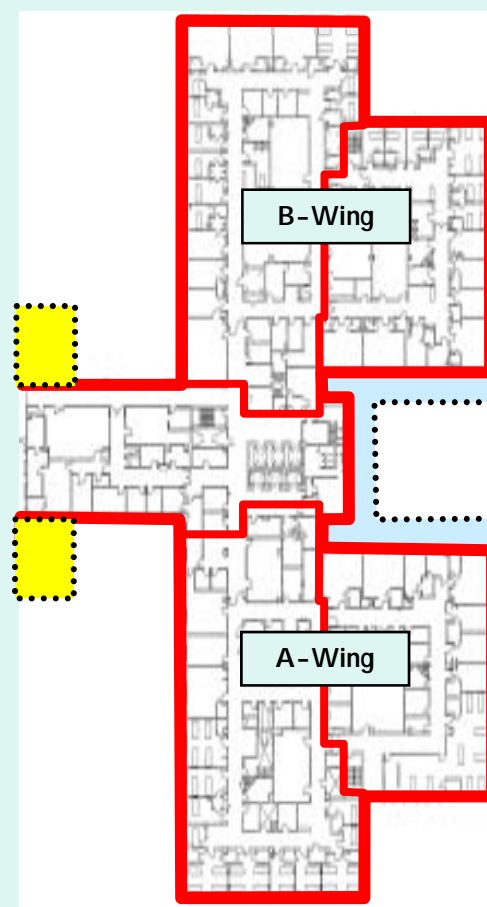
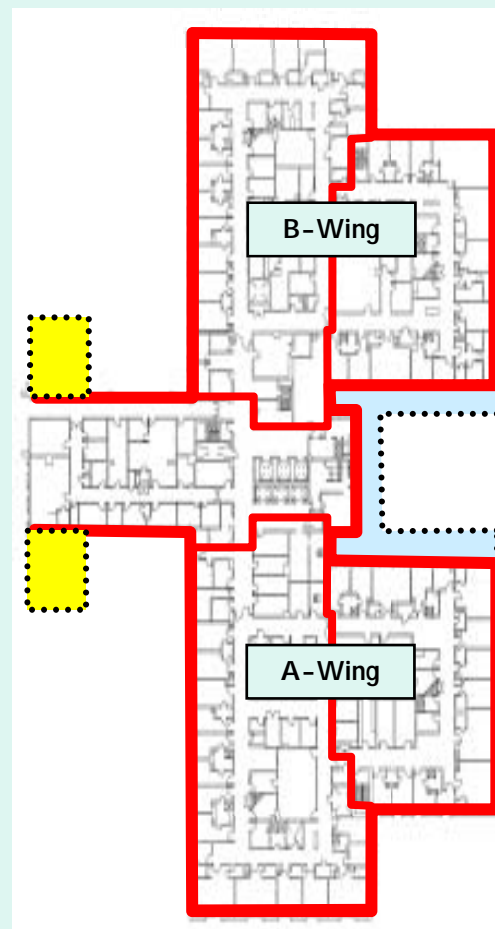
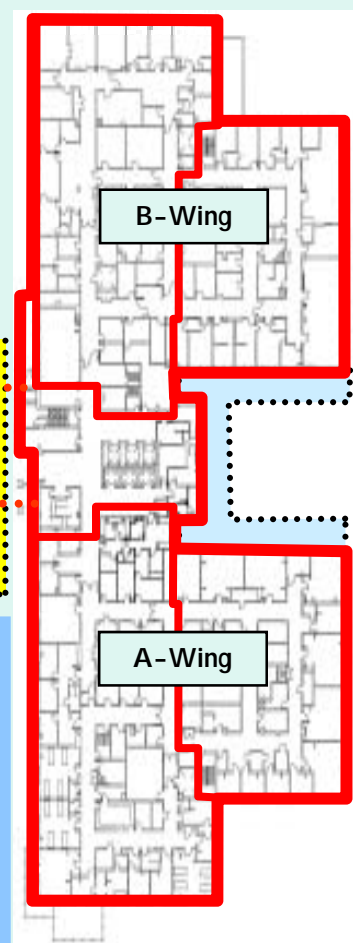
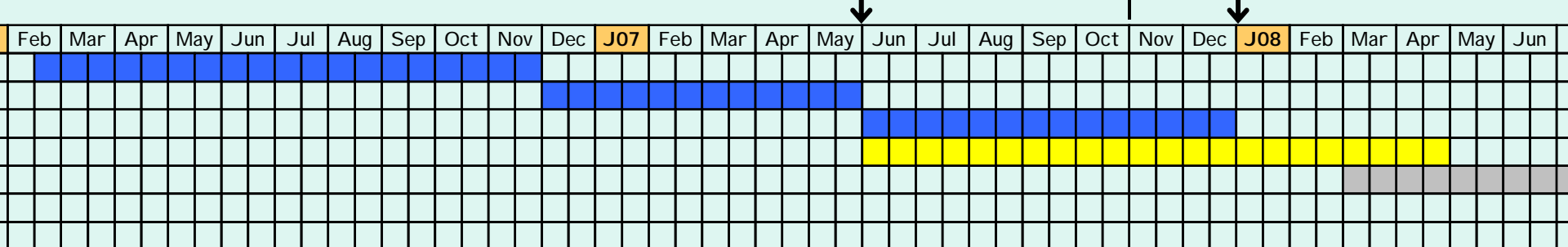
Ground



1st Floor



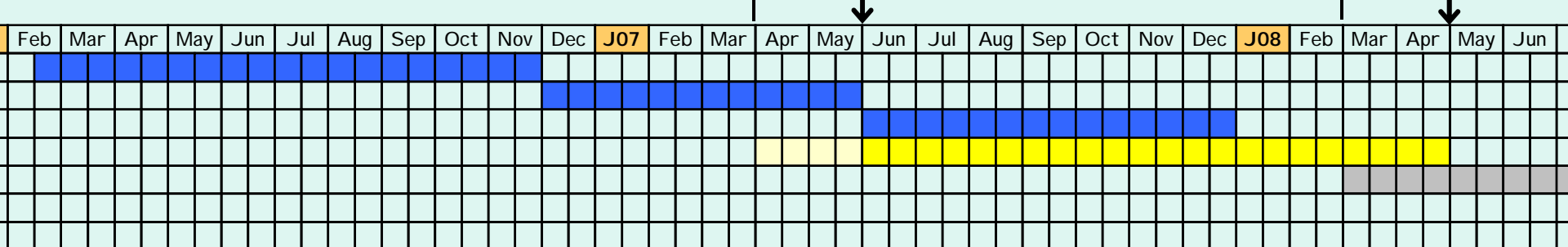
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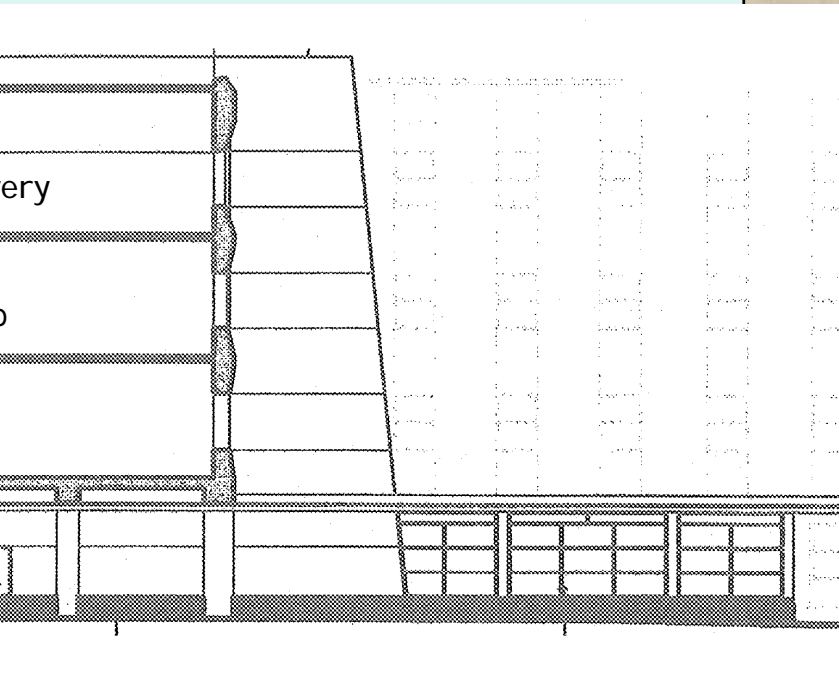
Ground

1st Floor

2nd Floor



Structural support



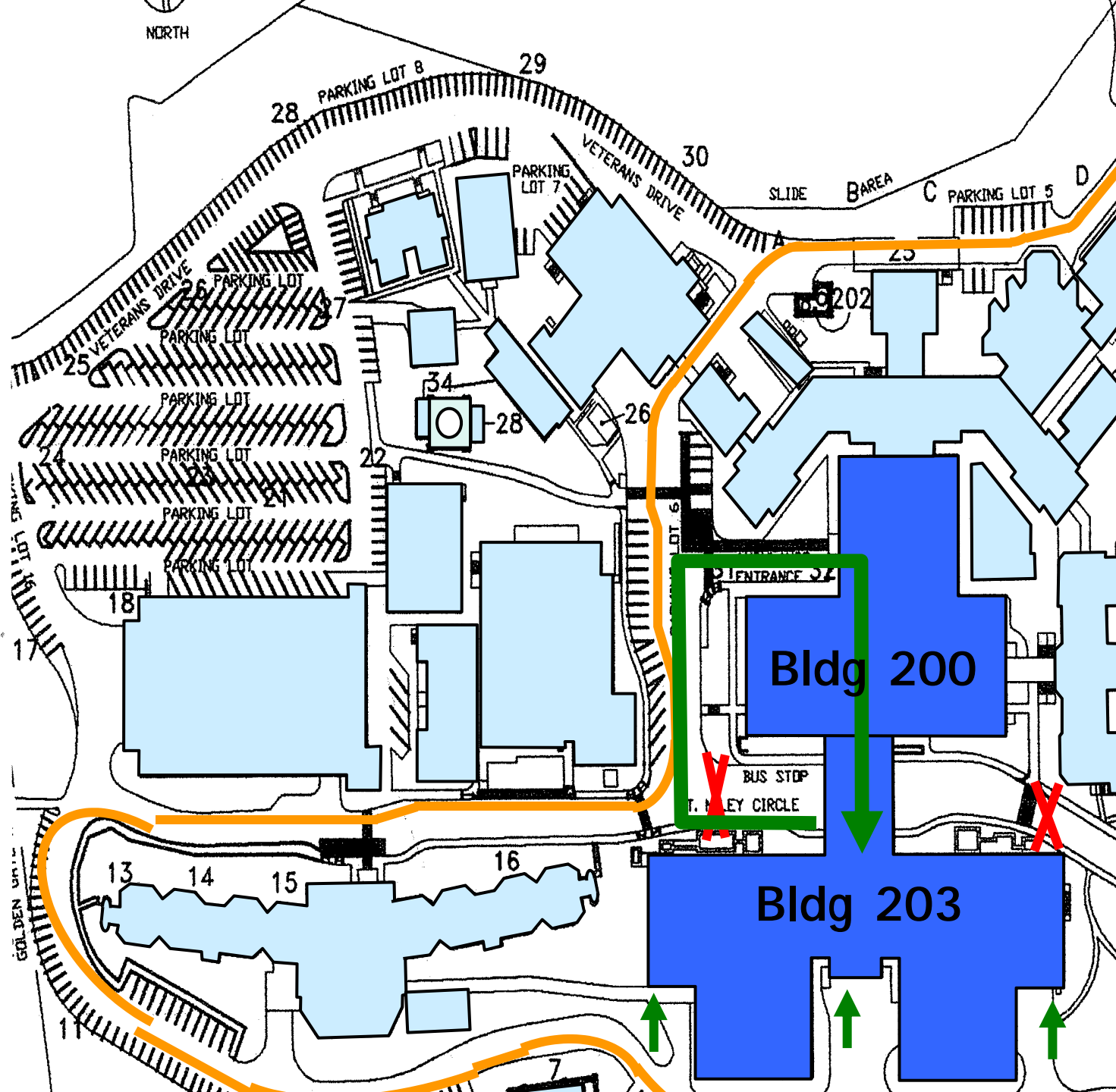
Section View



Road Closed

in patient
00
203 at the 1st floor

ances will be on the
203



or Phasing, the Interior Phasing is comprised of
These phases are designed in an order to maintain
capability, decrease construction duration and
ruptions during “core” drillings for new plumbing

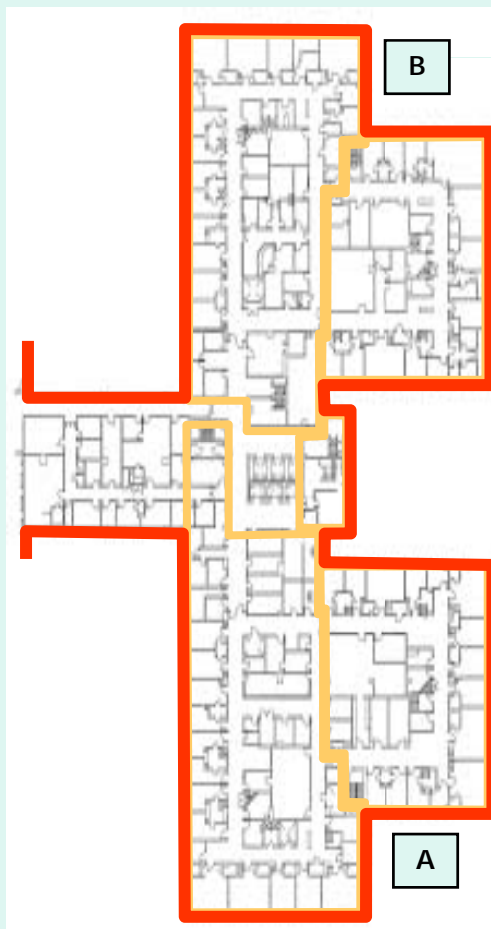
underway to prepare for the first Interior Phase of

numerous phasing plans, we have developed a floor-
r illustrate what and when project work happen.

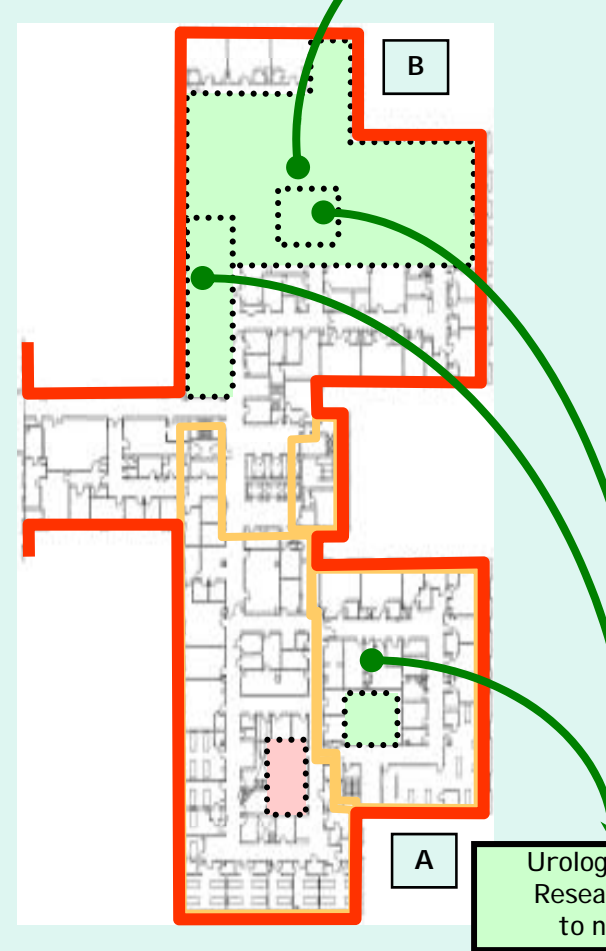
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Ground



1st Floor

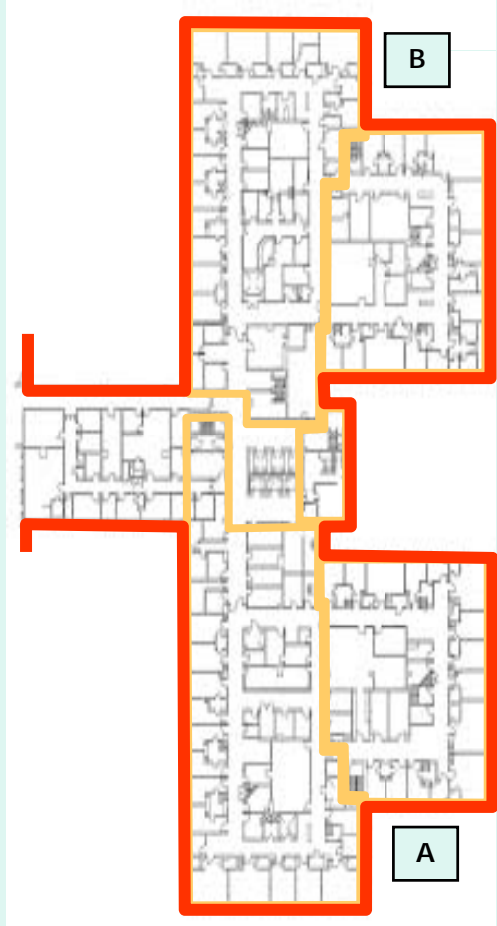


2nd Floor

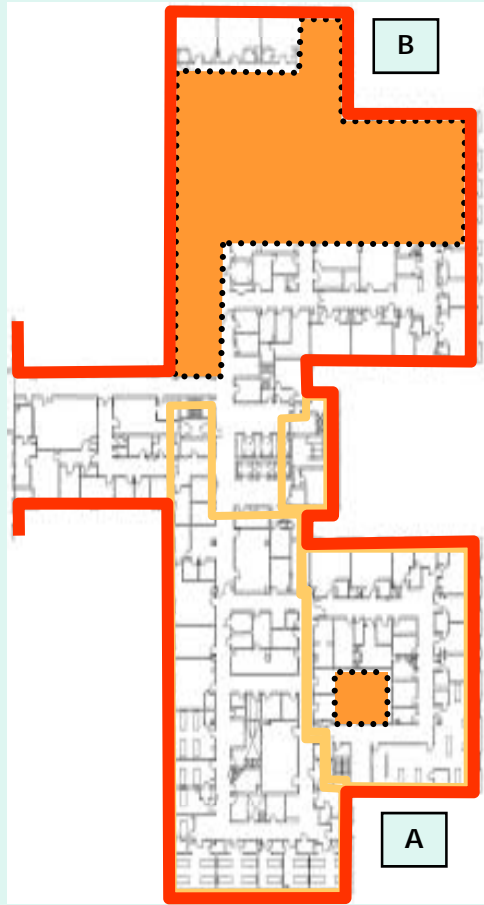
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Ground

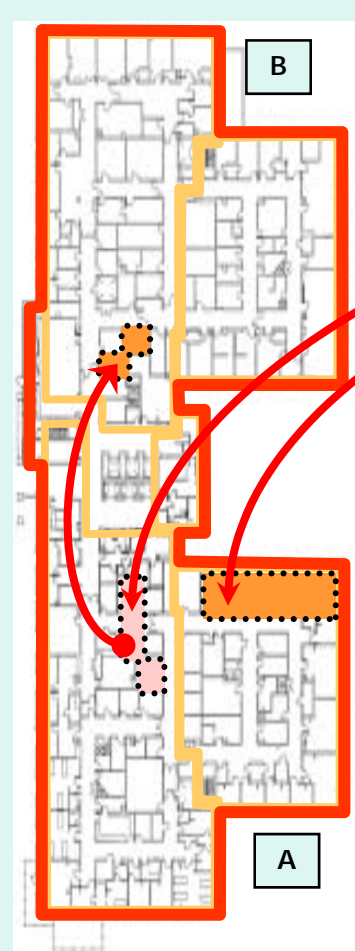


1st Floor

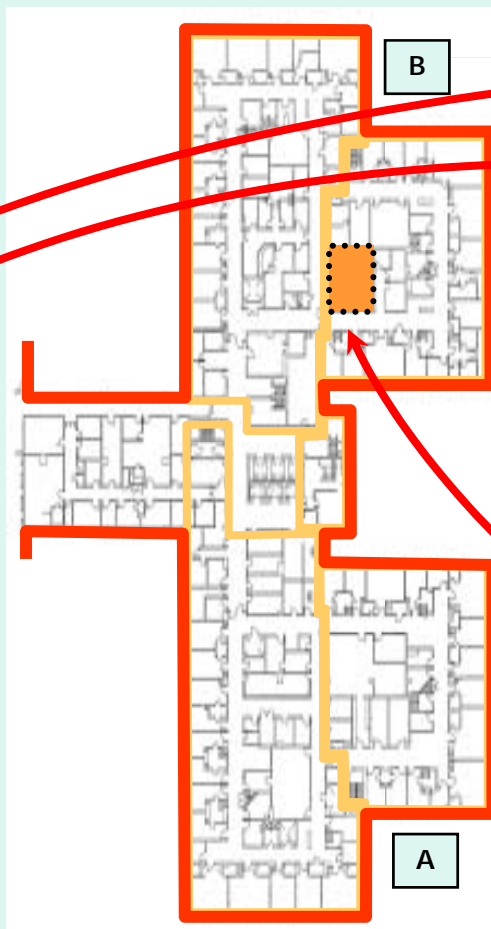


2nd Floor

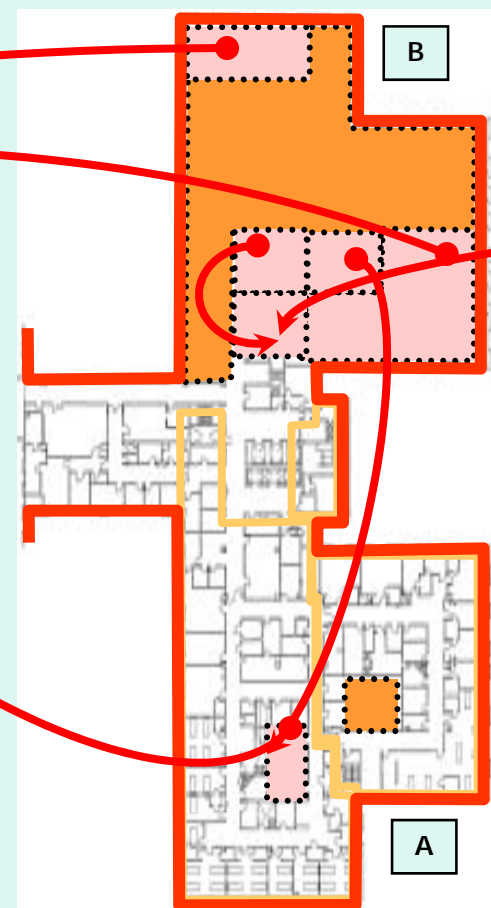
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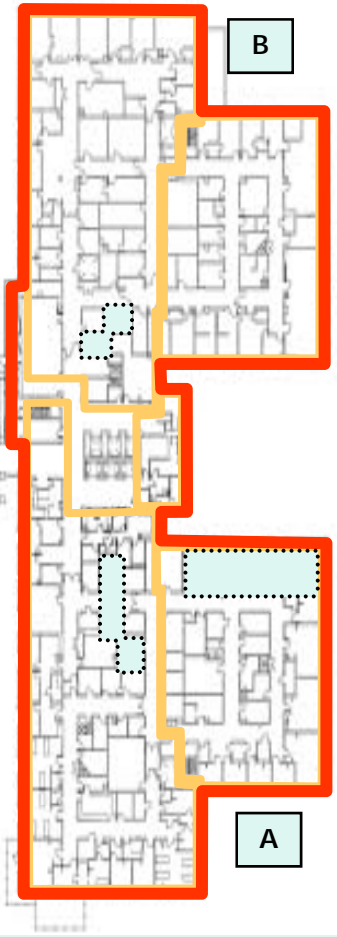
Ground



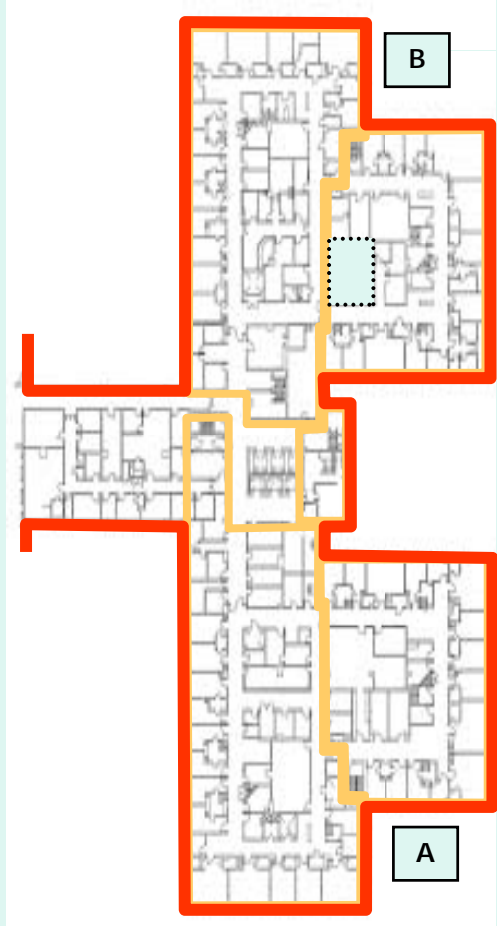
1st Floor



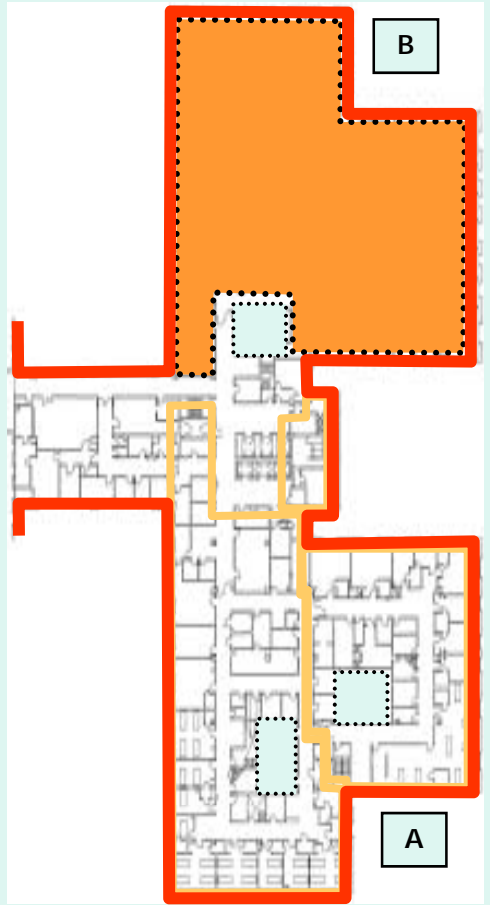
2nd Floor



Ground

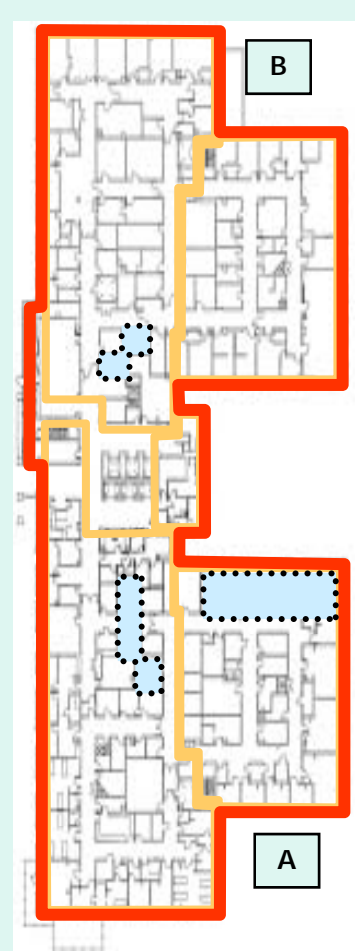


1st Floor

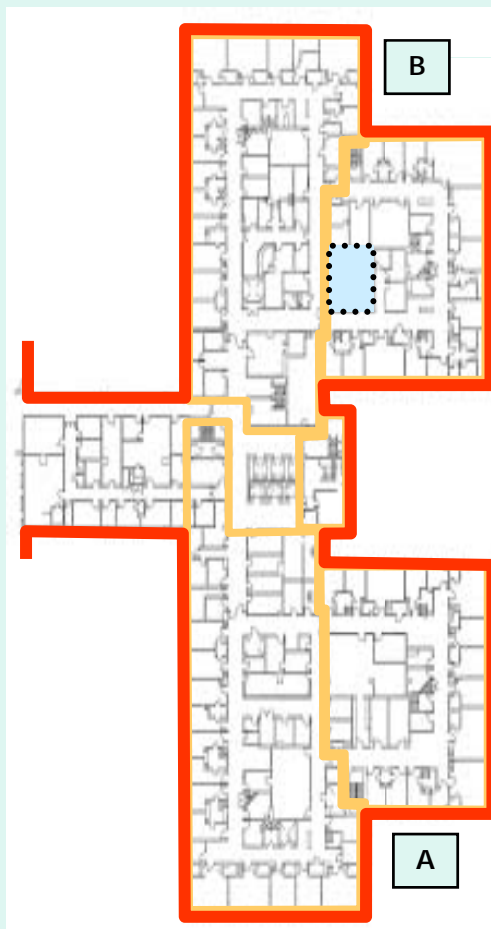


2nd Floor

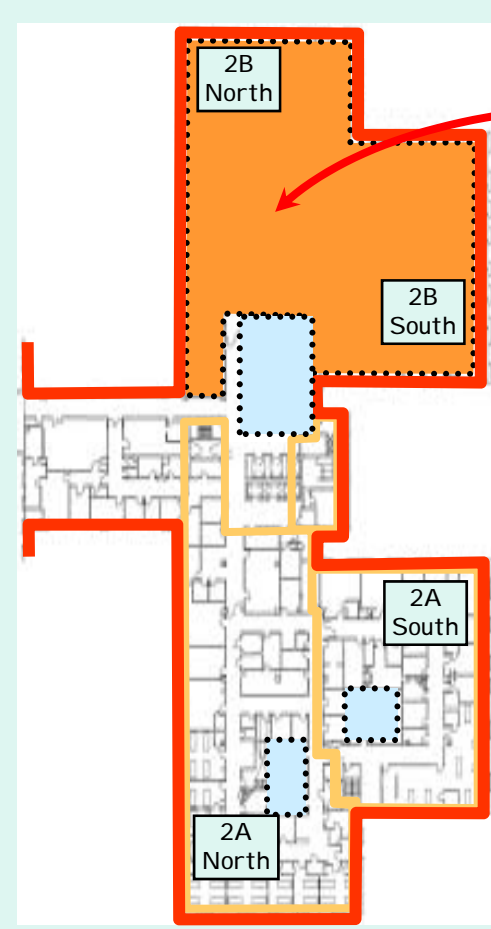
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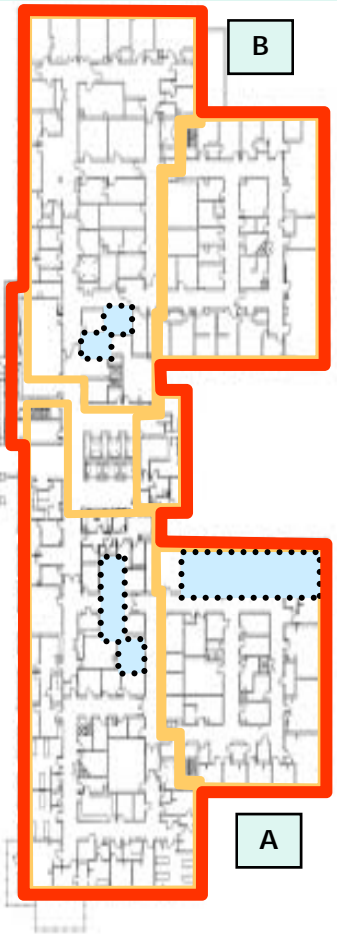
Ground



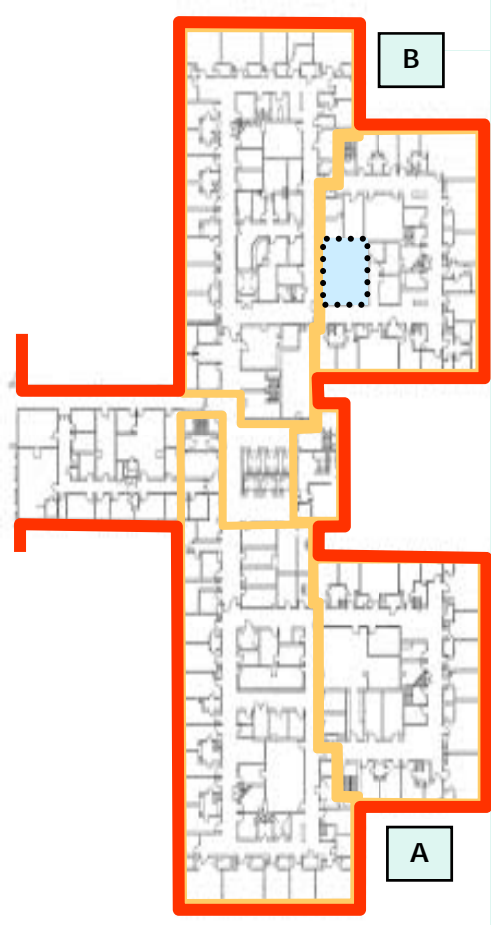
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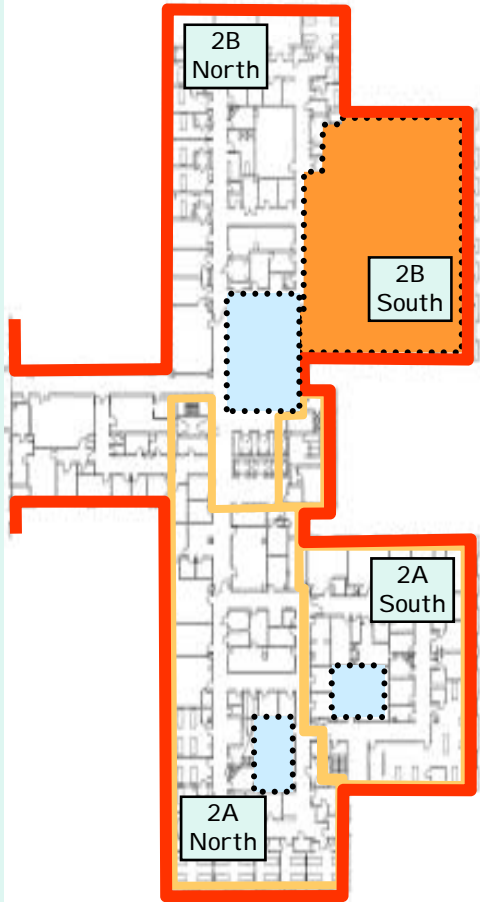
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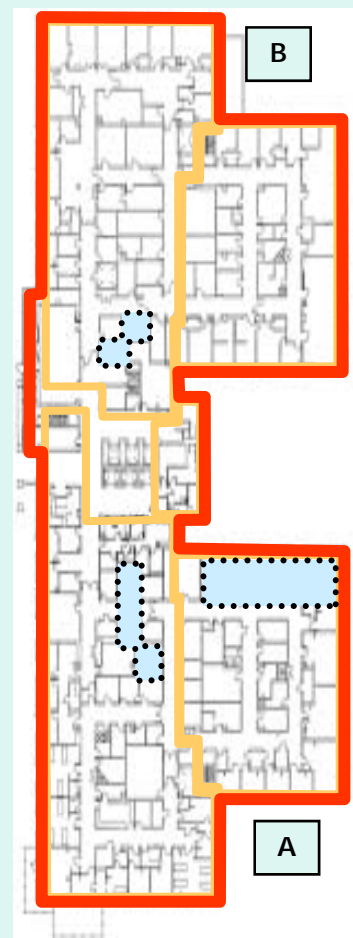
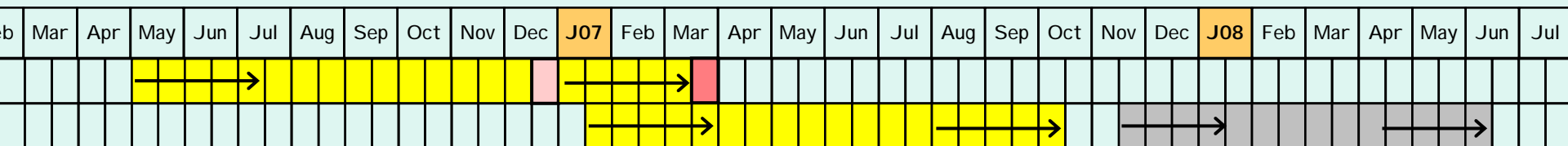
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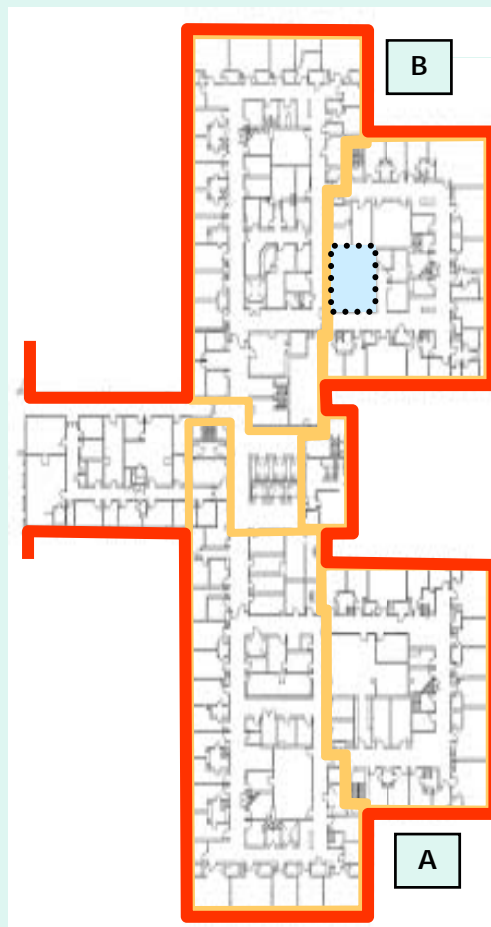
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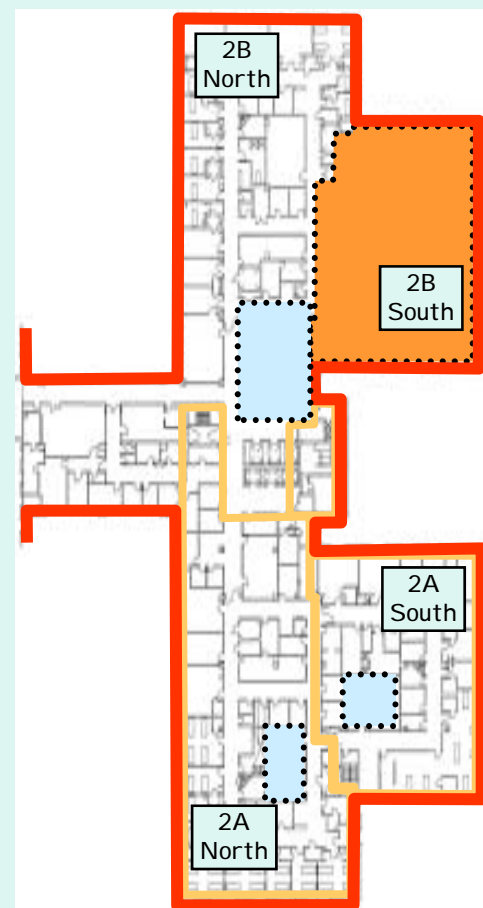
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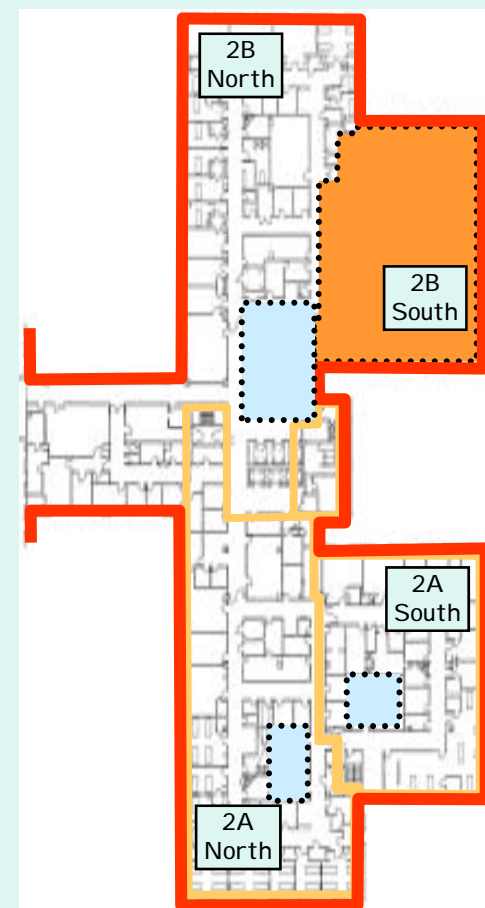
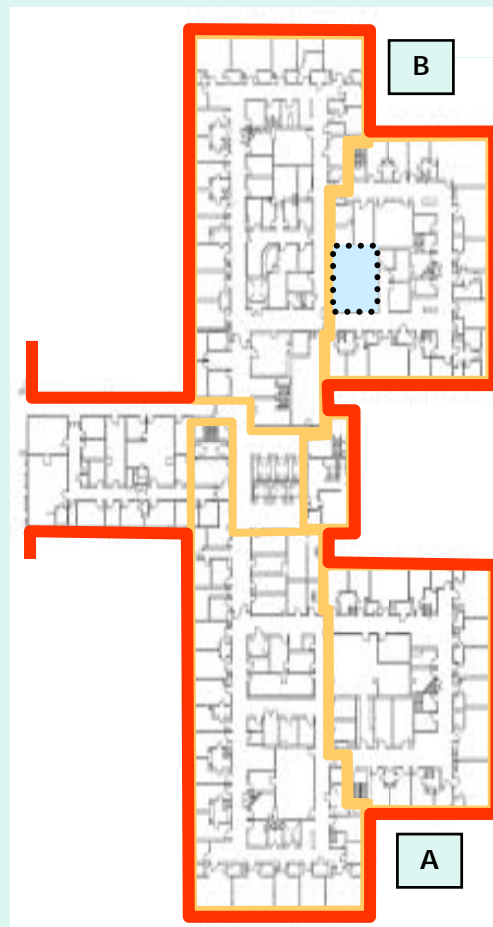
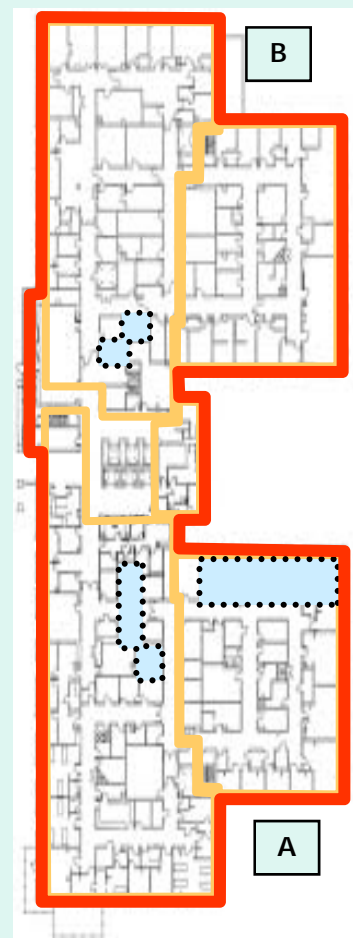
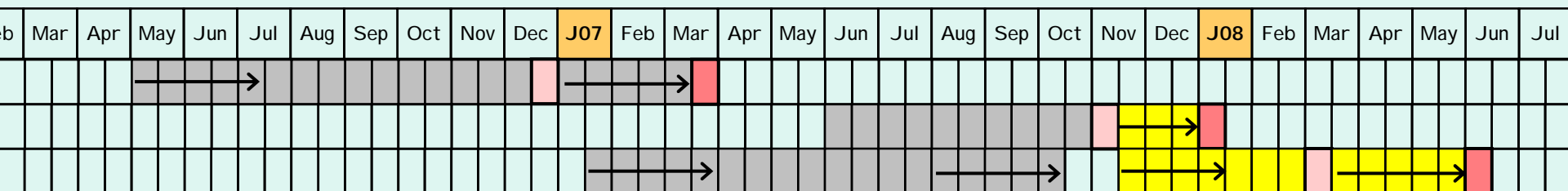
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1st Floor



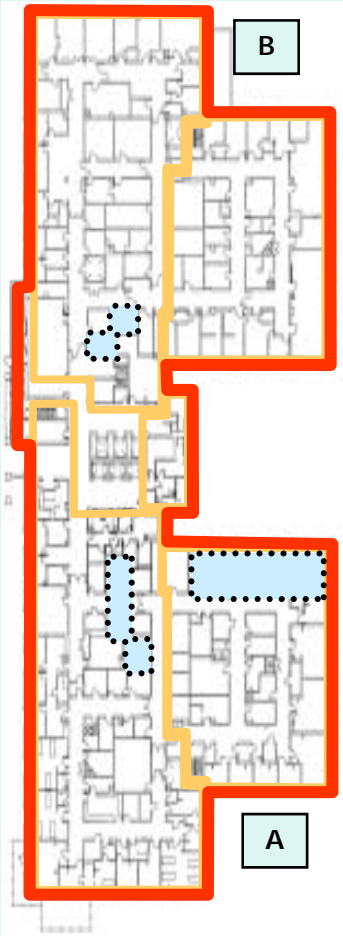
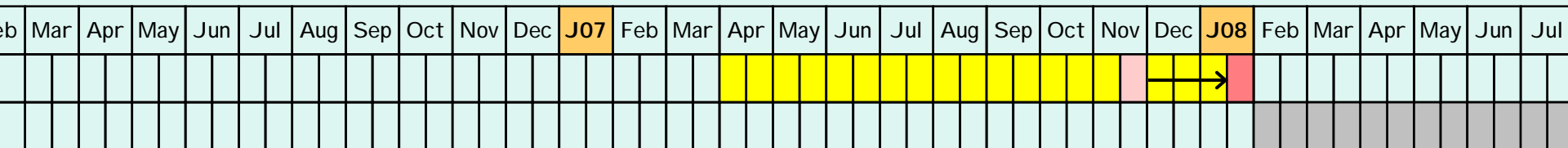
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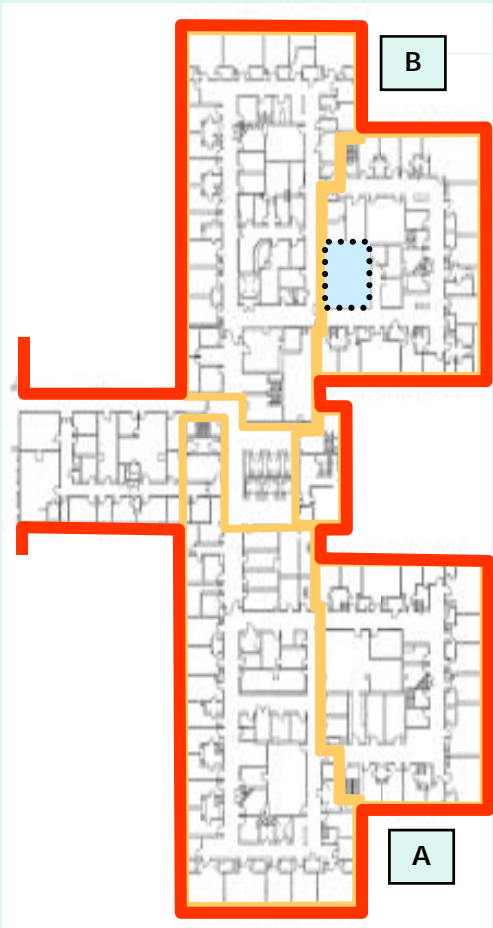
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1st Floor

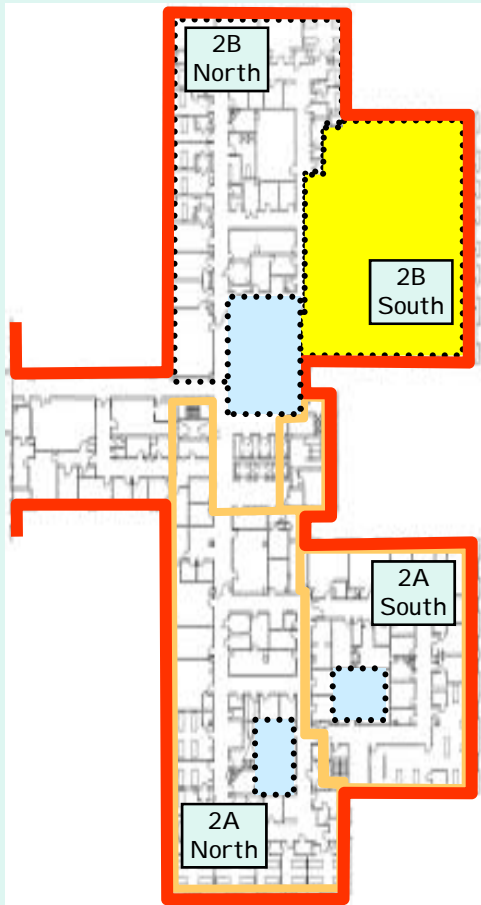
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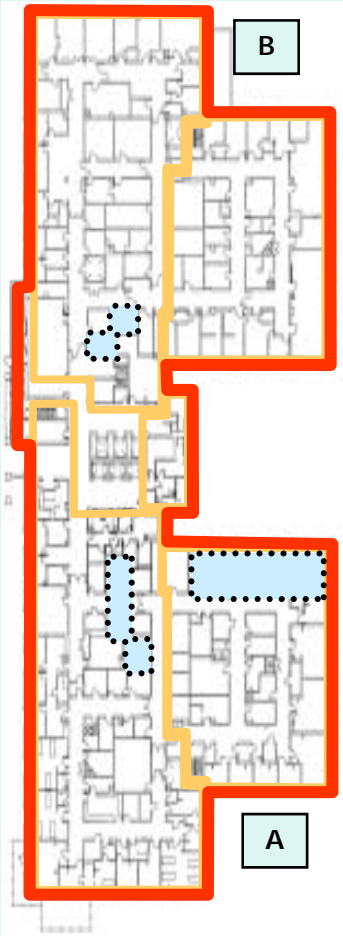
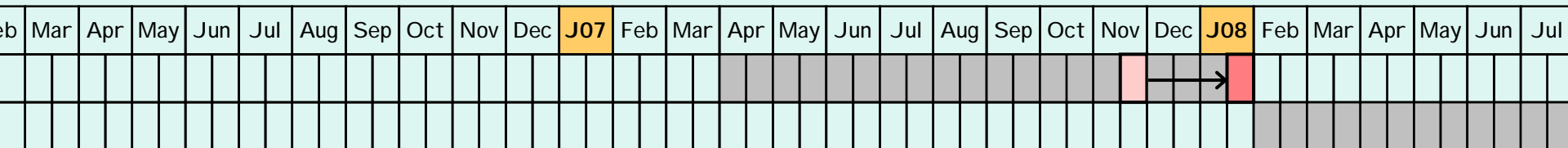
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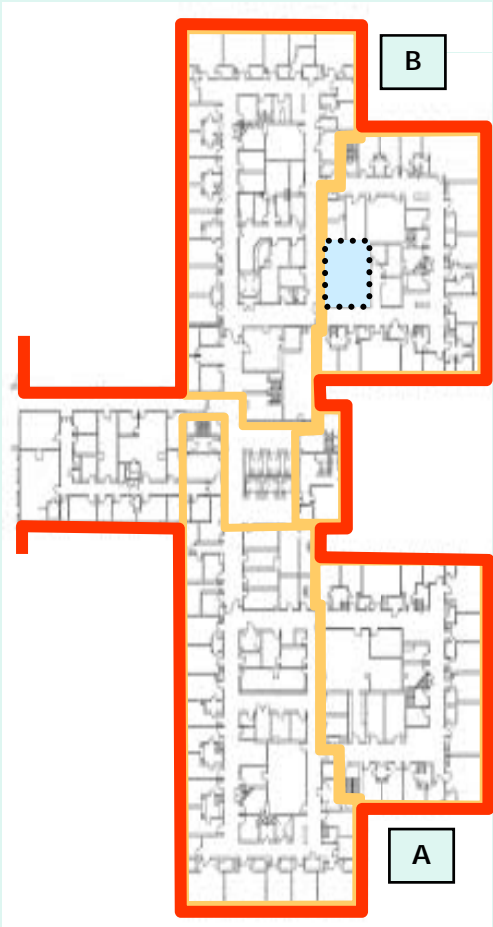
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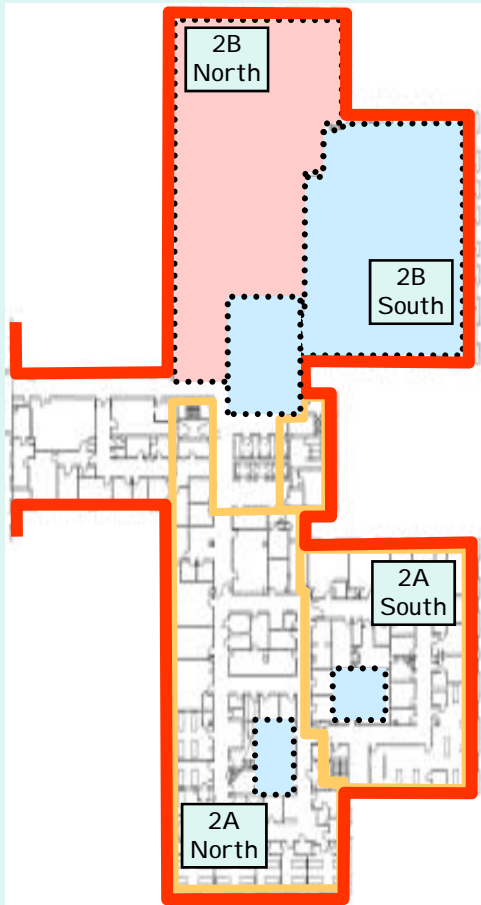
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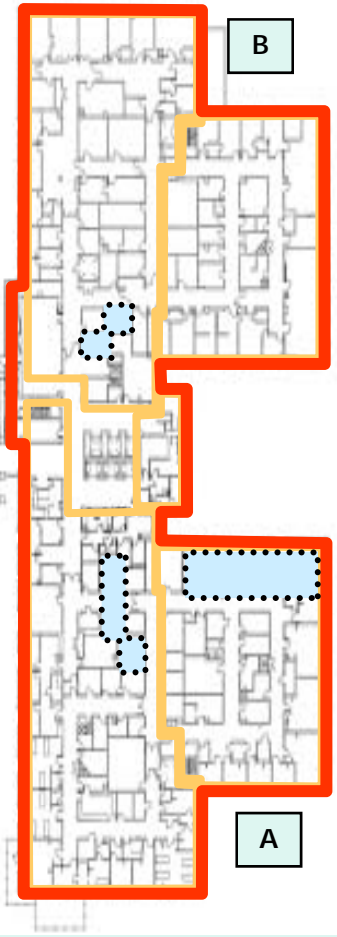
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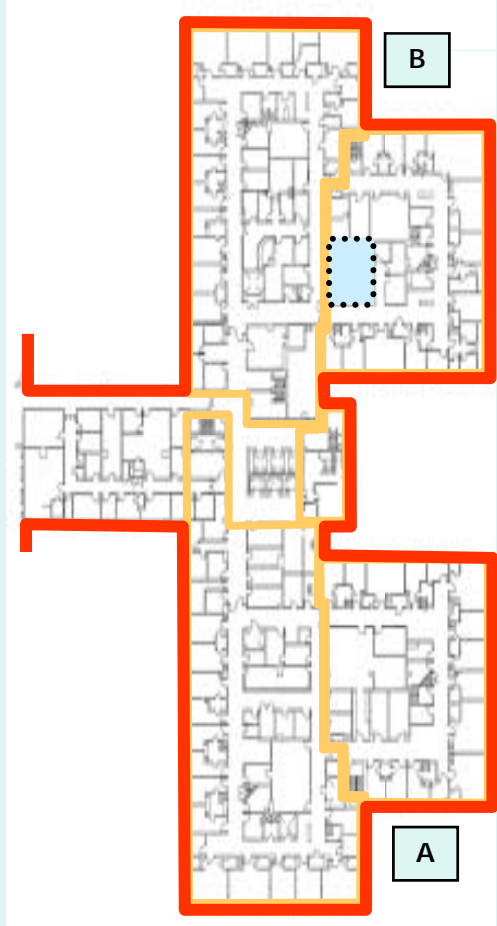
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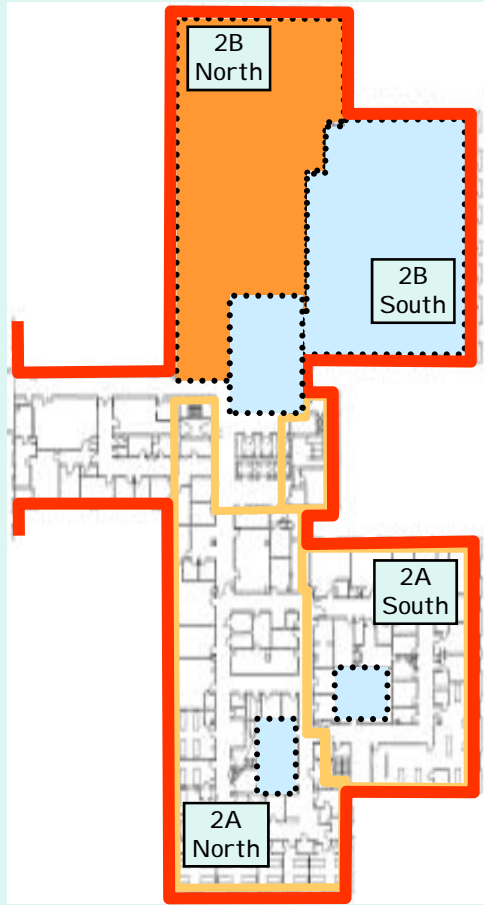
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Ground

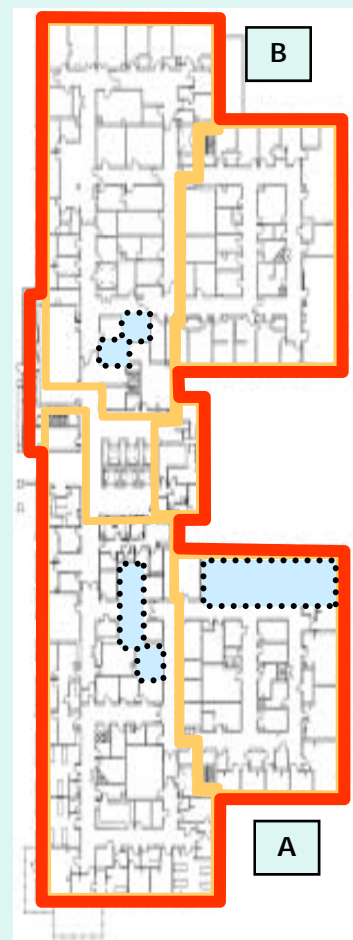


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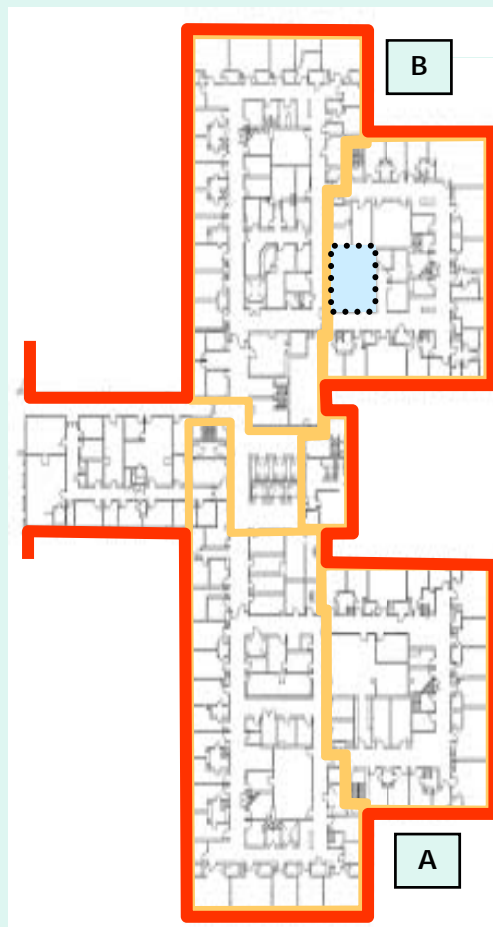


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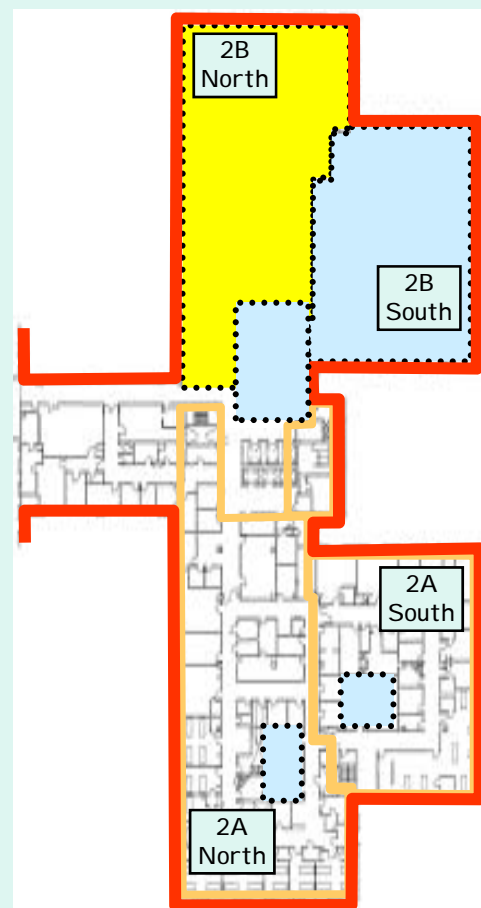
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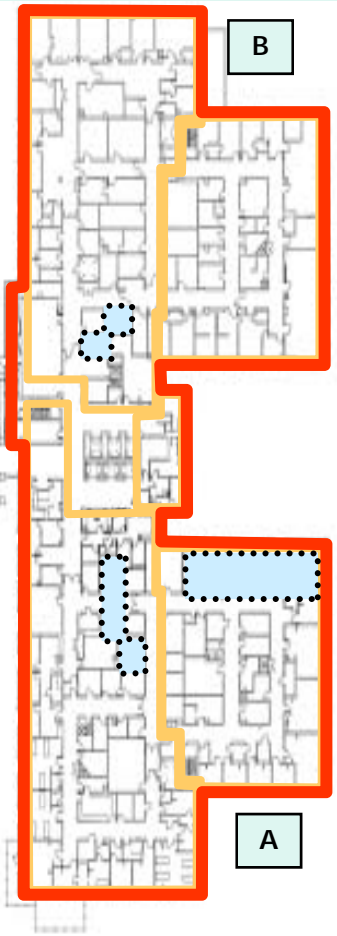
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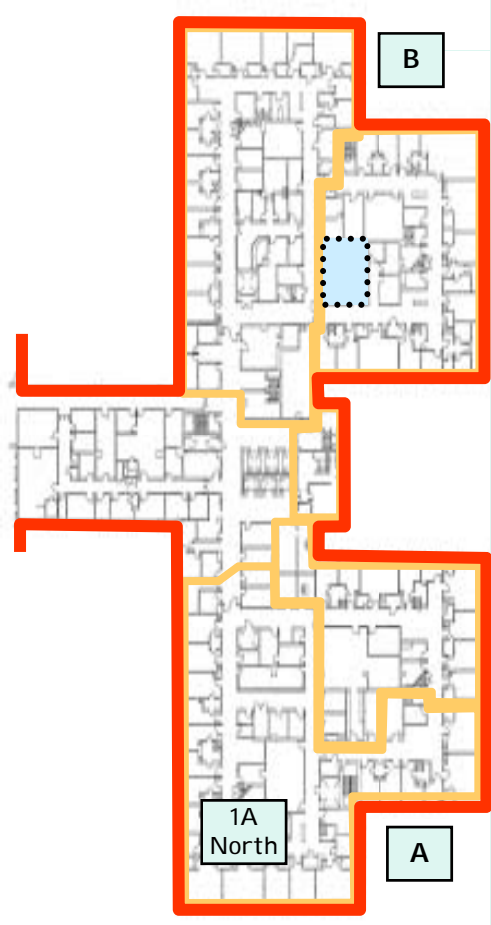
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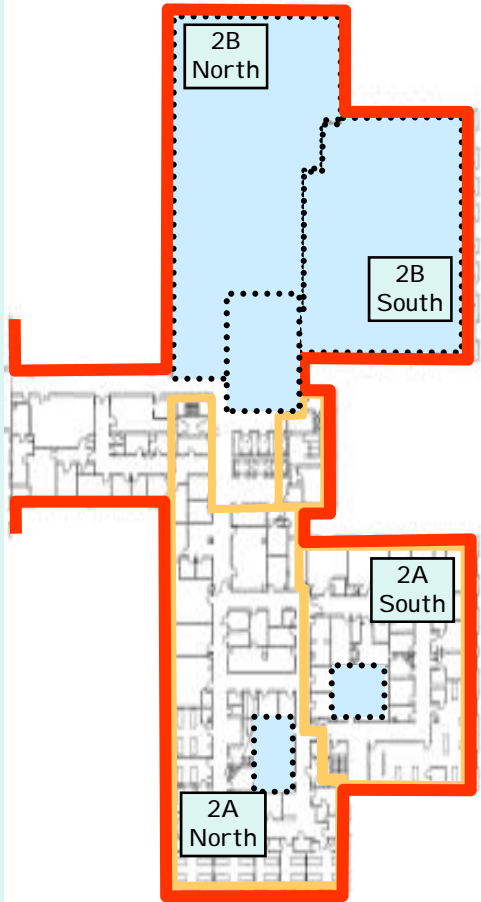
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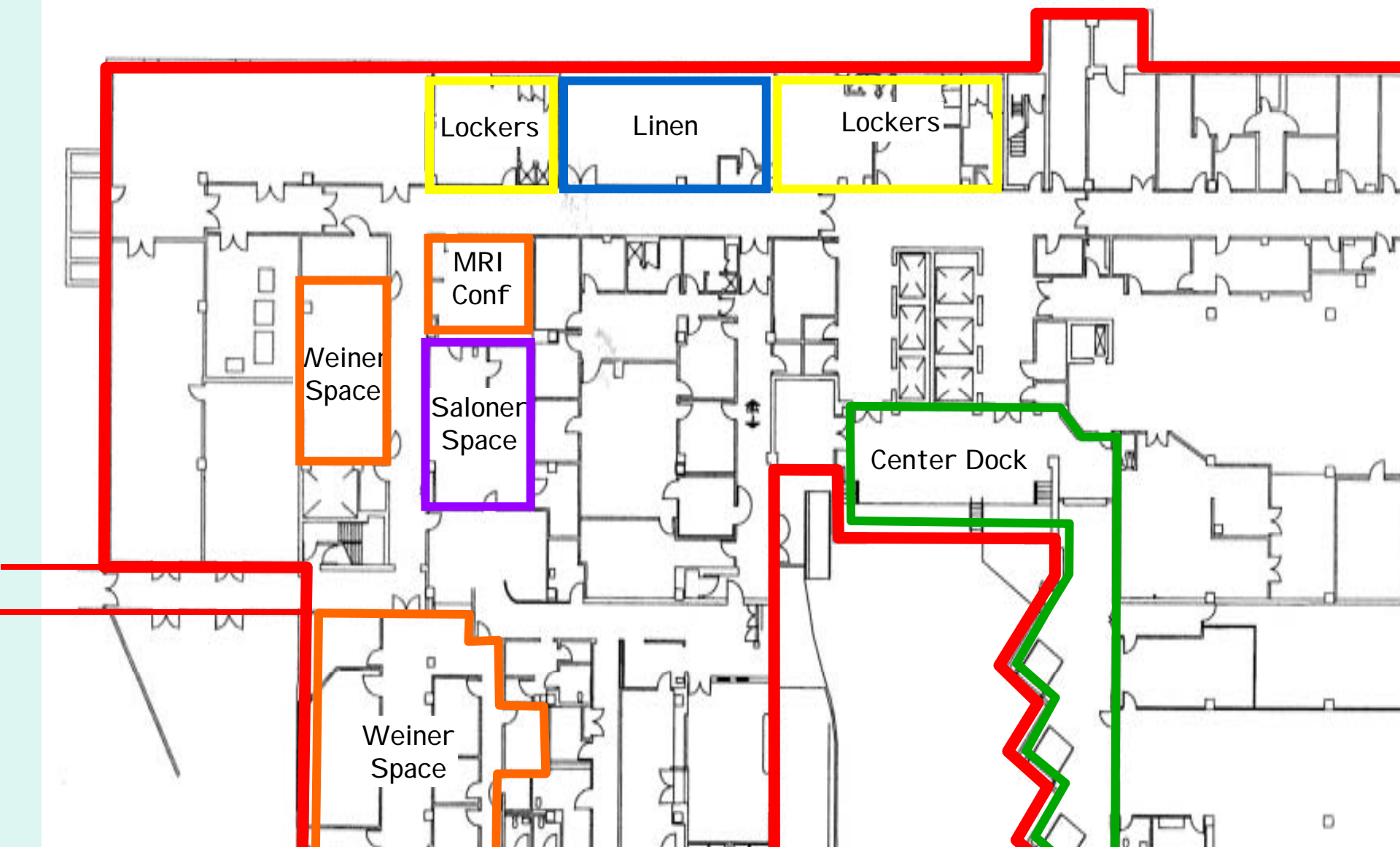
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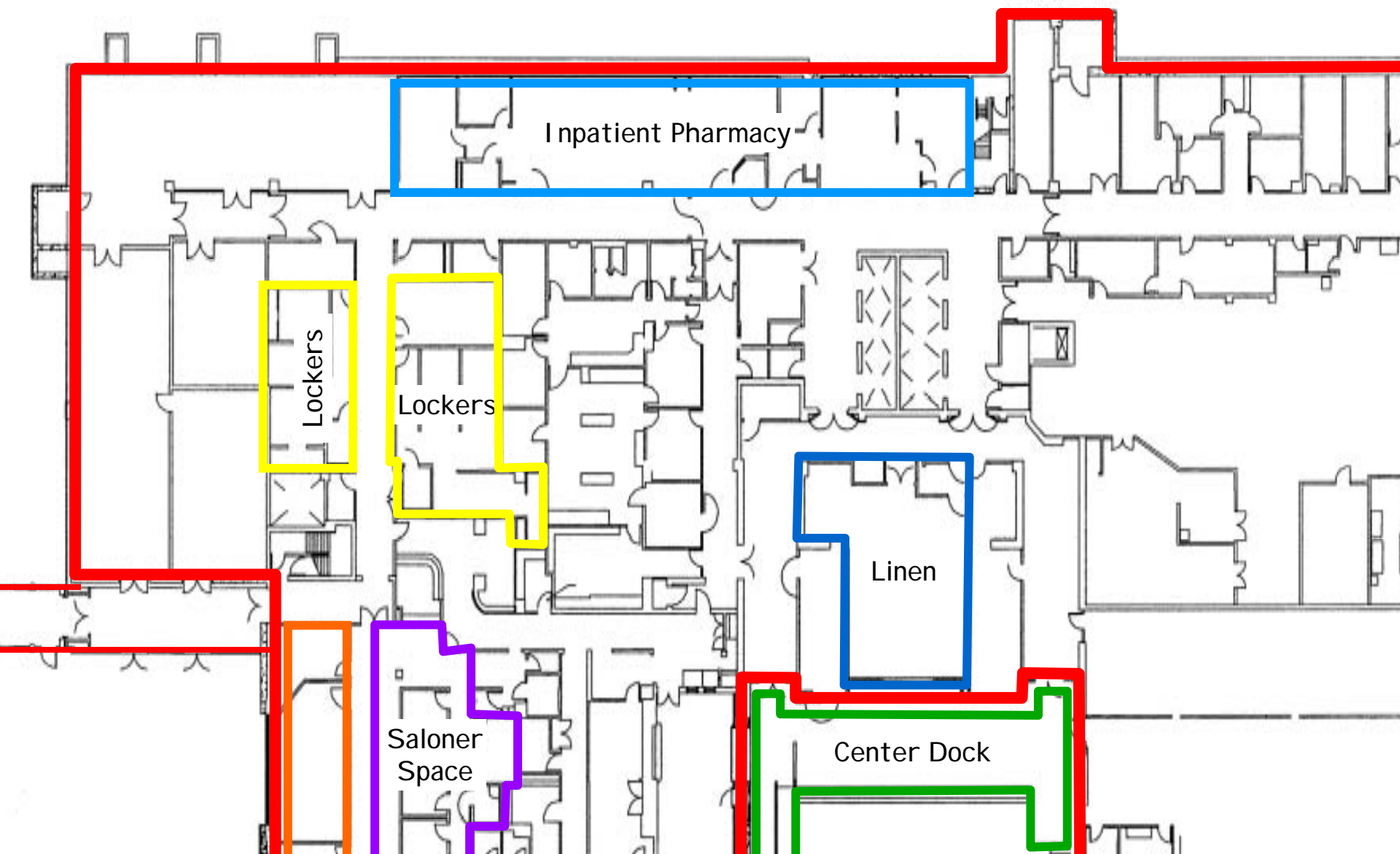


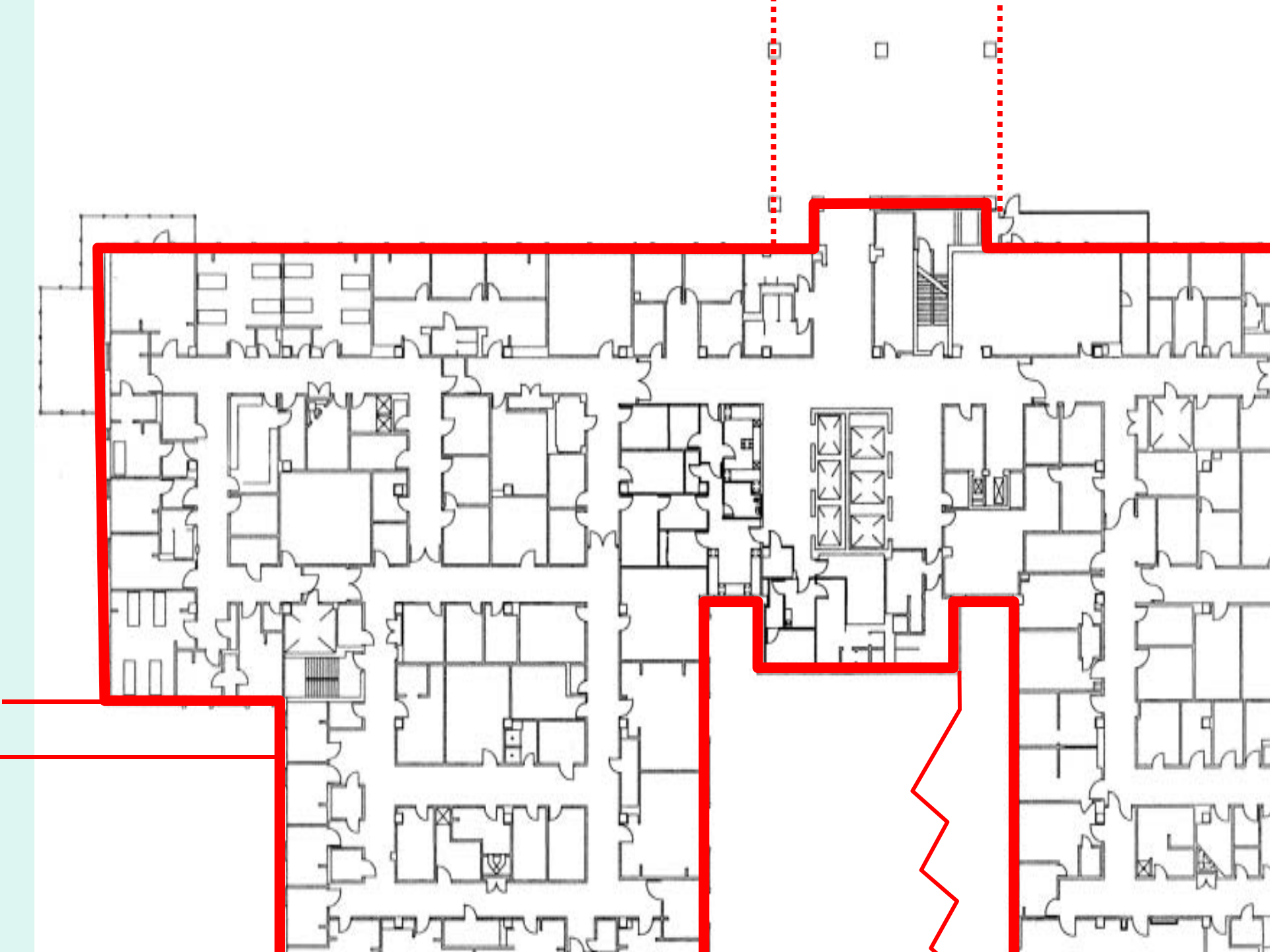
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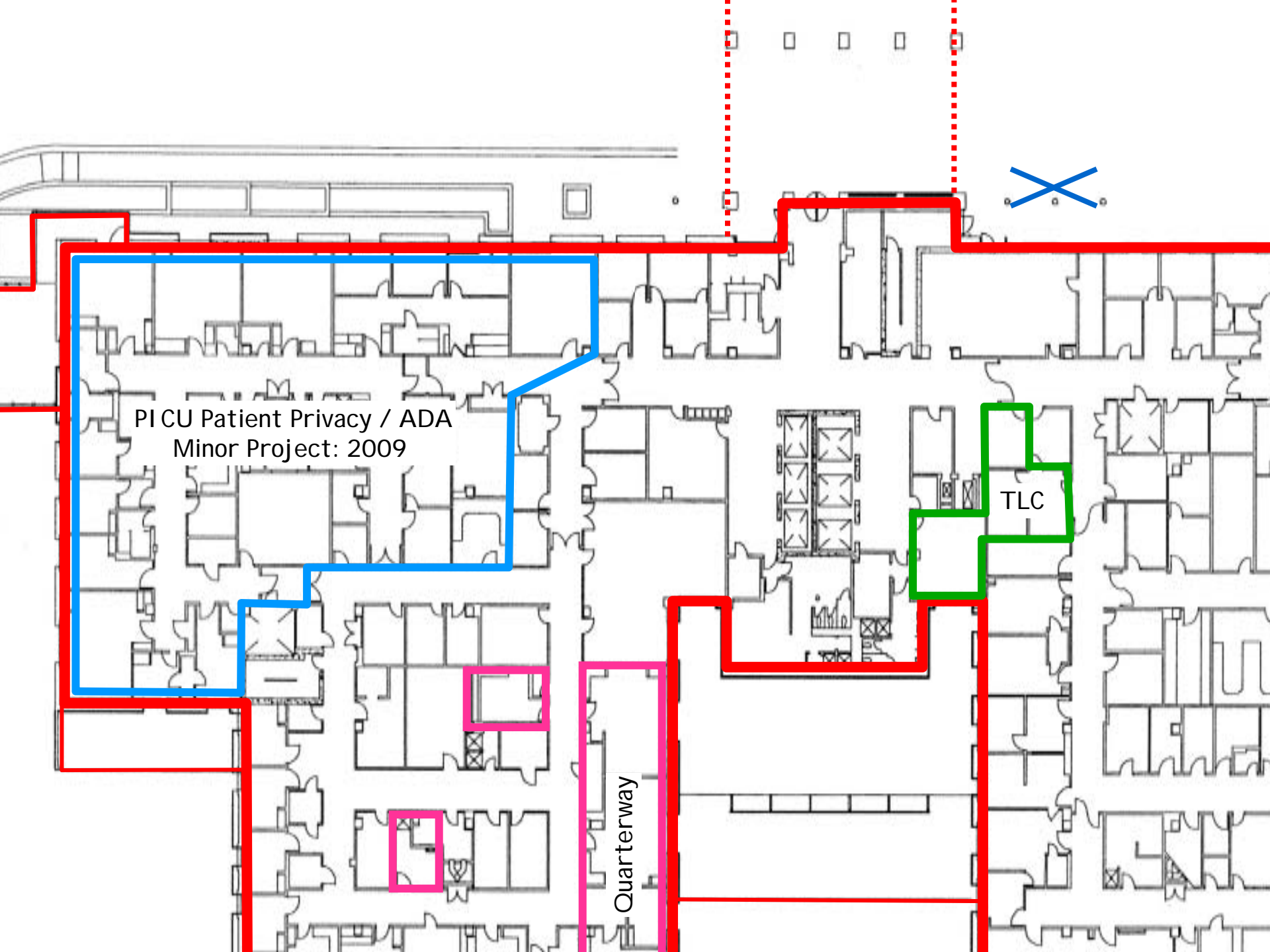


2nd Floor





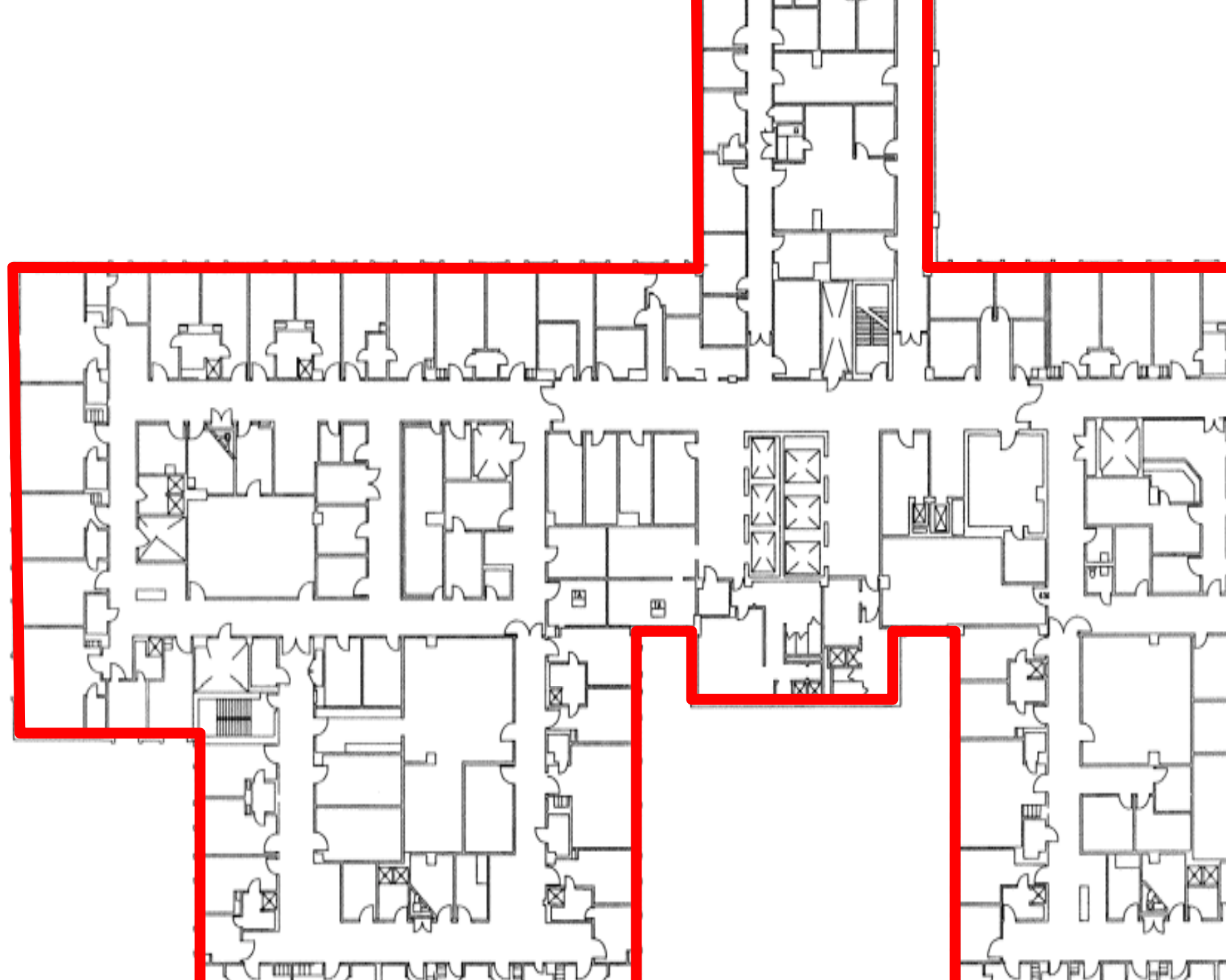


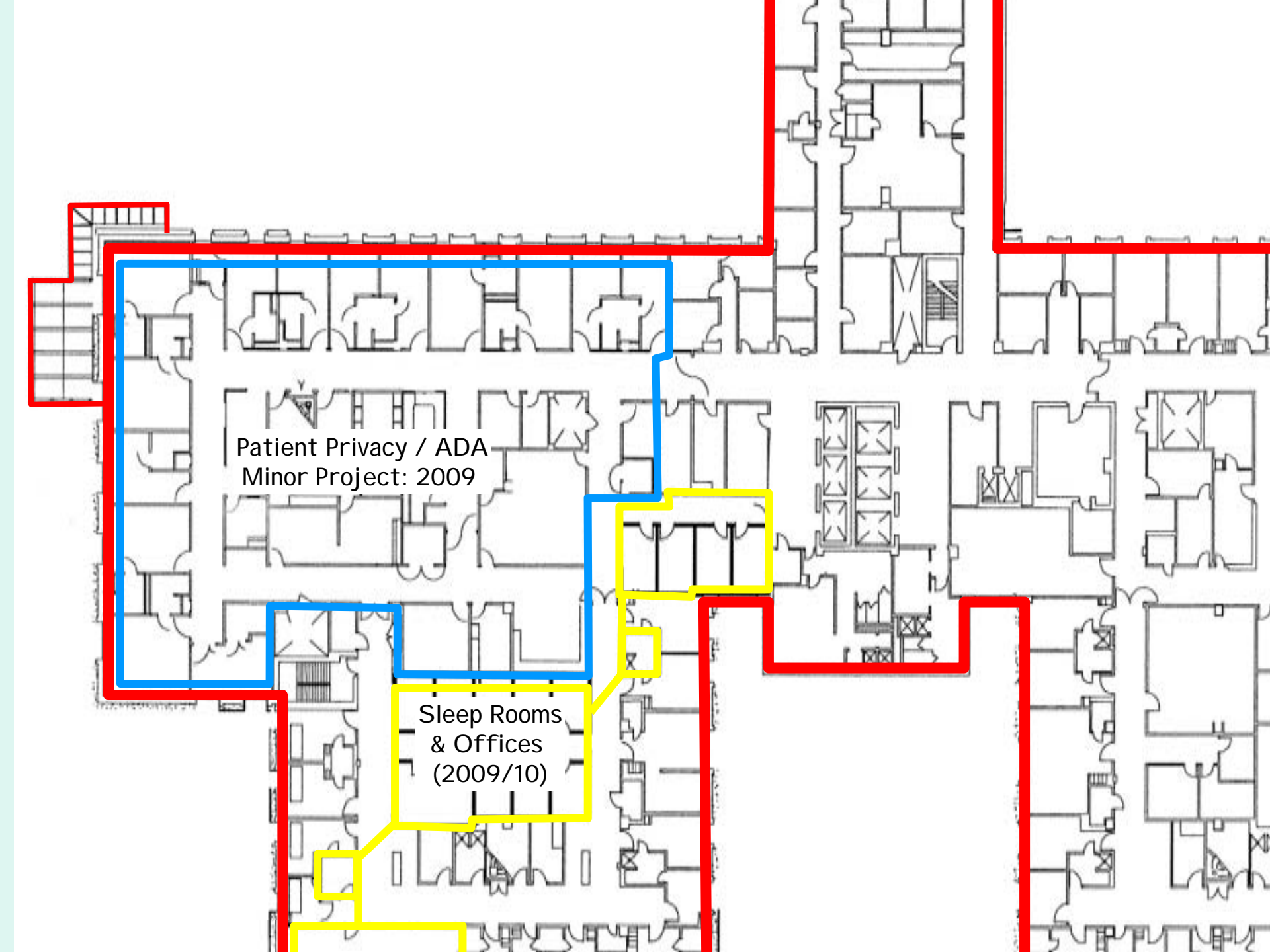


PI CU Patient Privacy / ADA
Minor Project: 2009

TLC

Quarterway

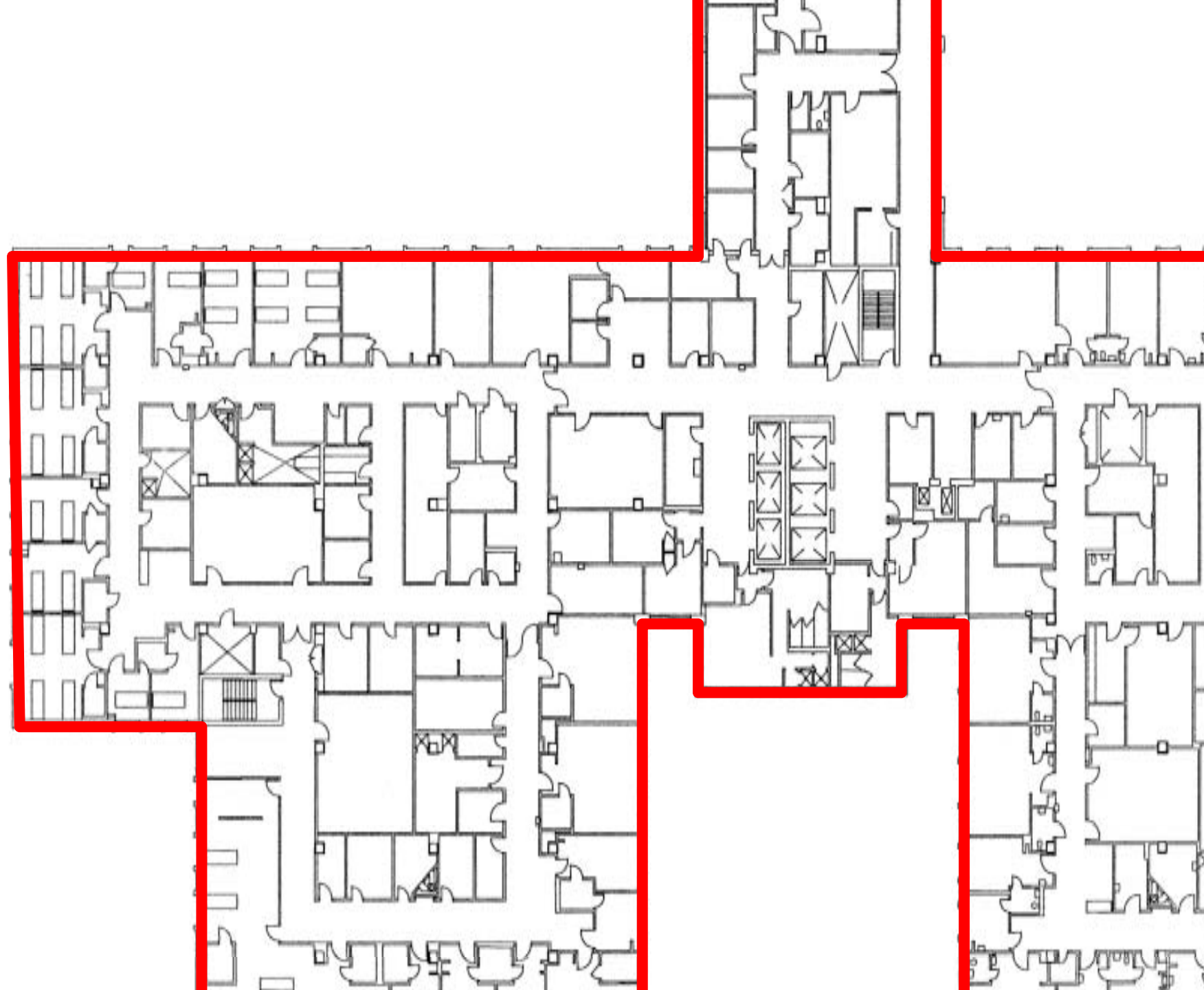




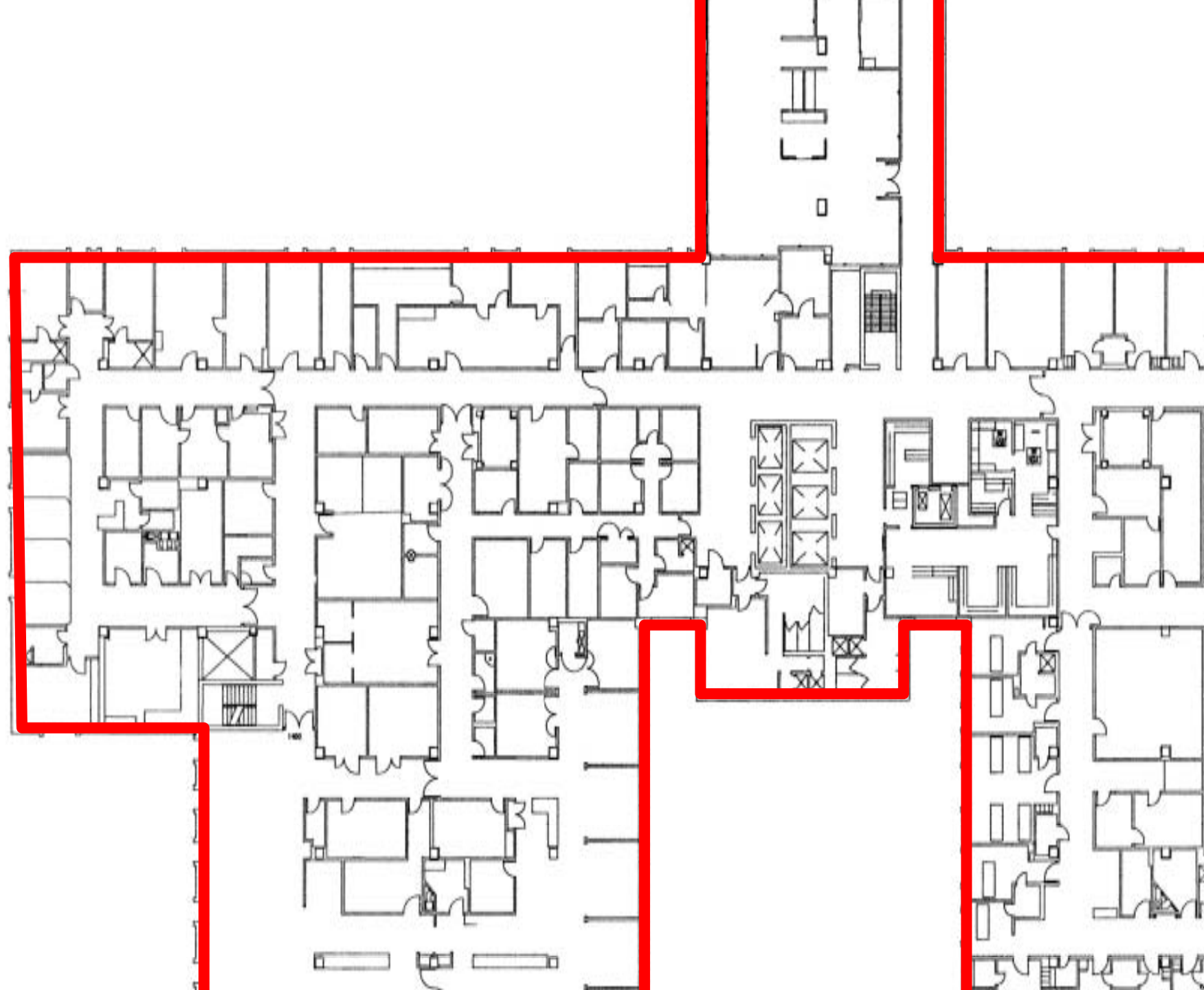
A detailed architectural floor plan of a building, likely a hospital or care facility, showing various rooms, corridors, and stairwells. The plan is overlaid with three colored lines indicating different renovation projects: a red line outlines a large area on the left and top, a blue line outlines a central area, and a yellow line outlines a smaller area at the bottom. The text 'Patient Privacy / ADA Minor Project: 2009' is placed within the blue-outlined area, and 'Sleep Rooms & Offices (2009/10)' is placed within the yellow-outlined area.

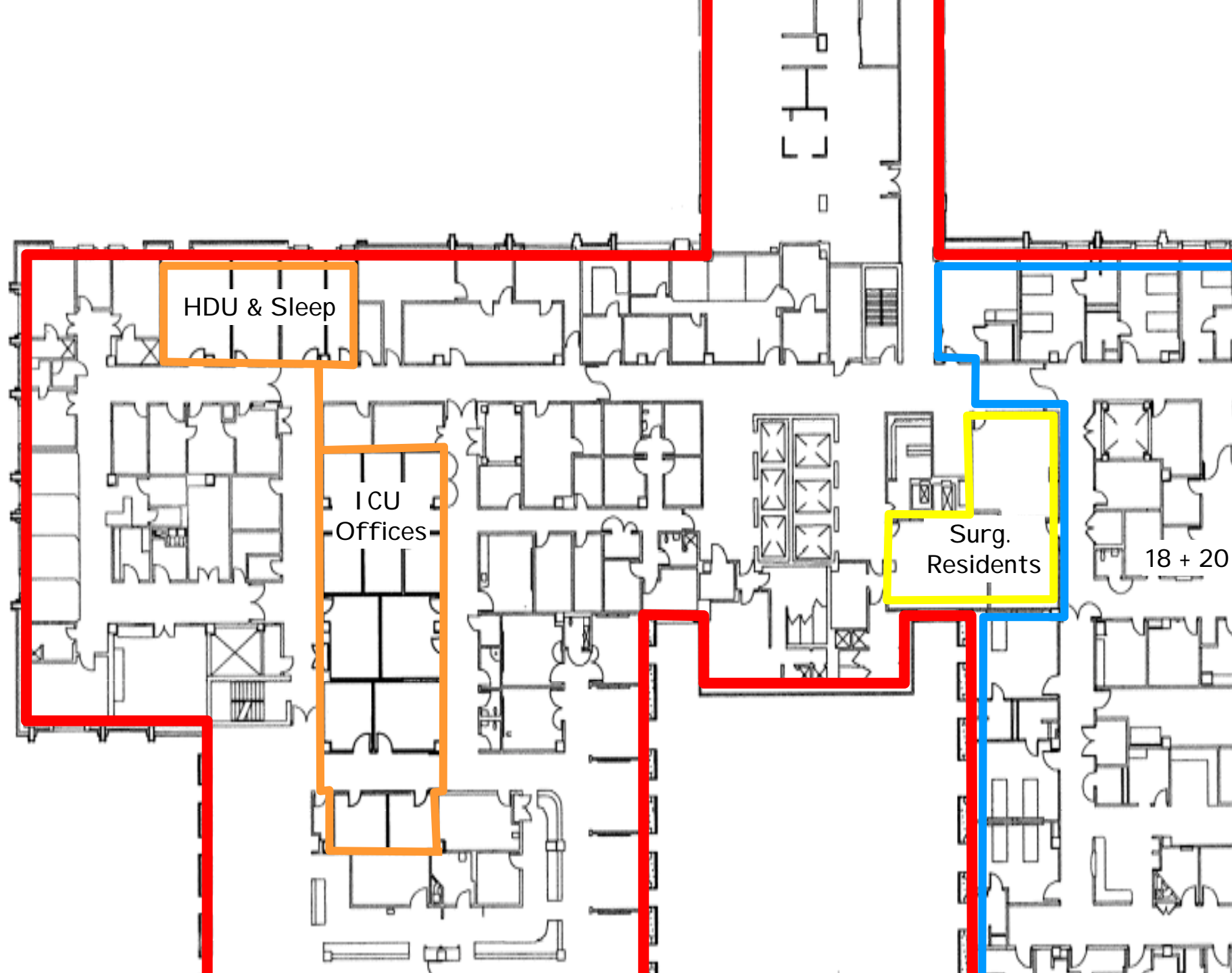
Patient Privacy / ADA
Minor Project: 2009

Sleep Rooms
& Offices
(2009/10)







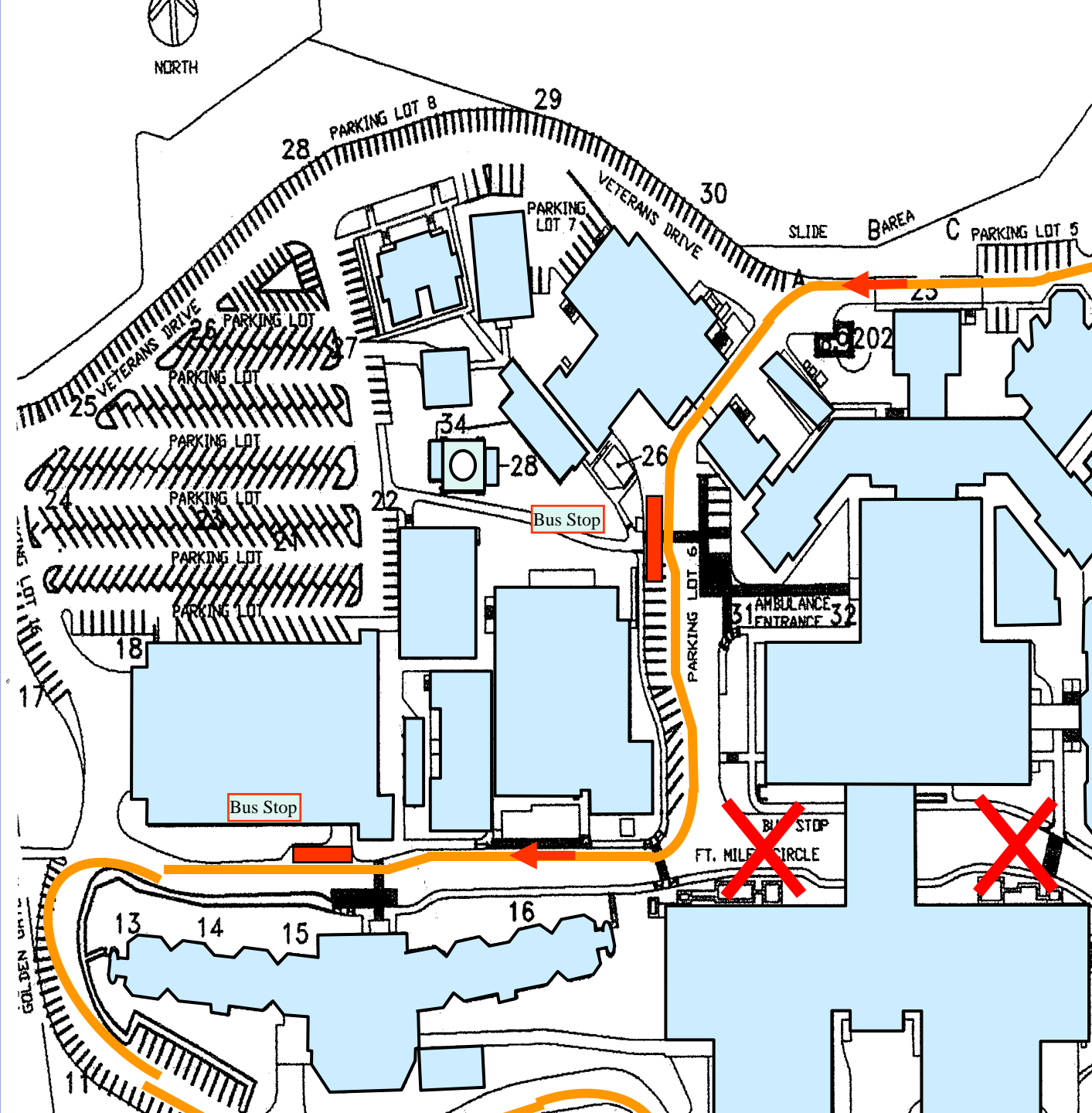


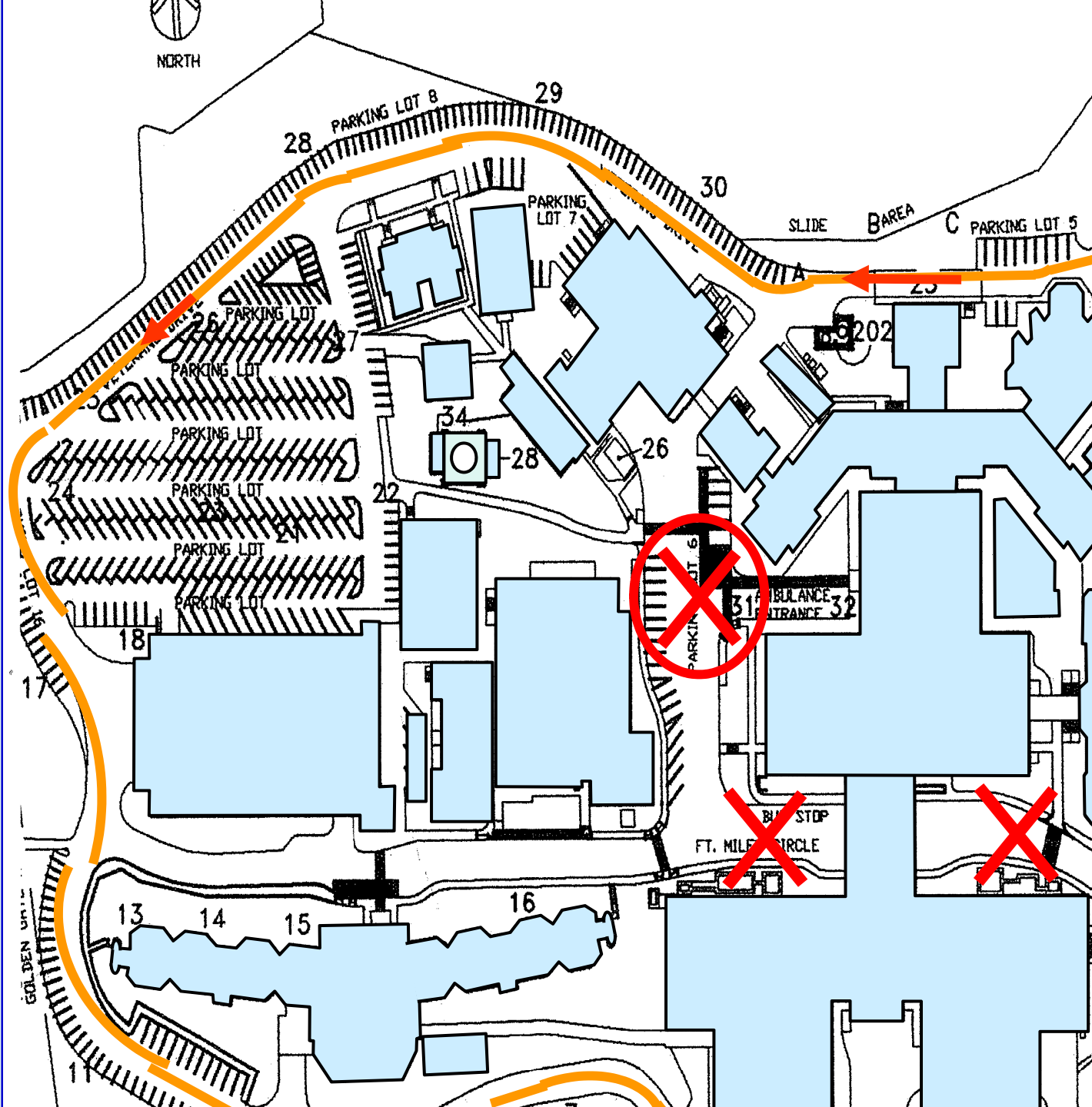
tion: second floor



Nurse Station: th





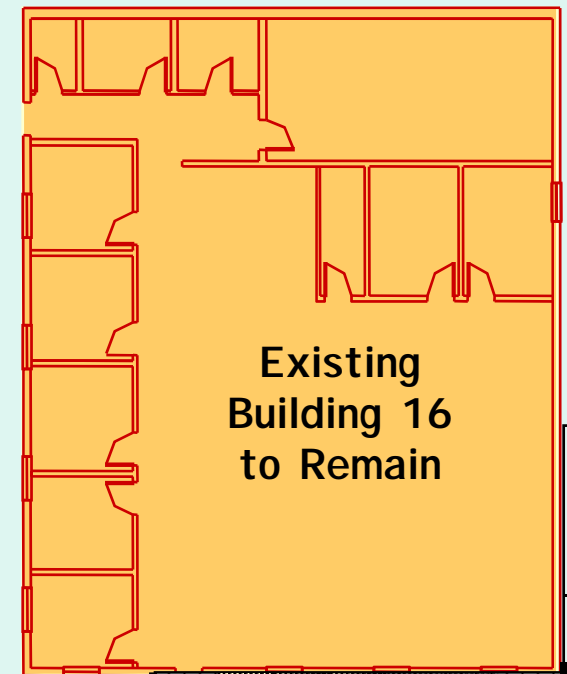
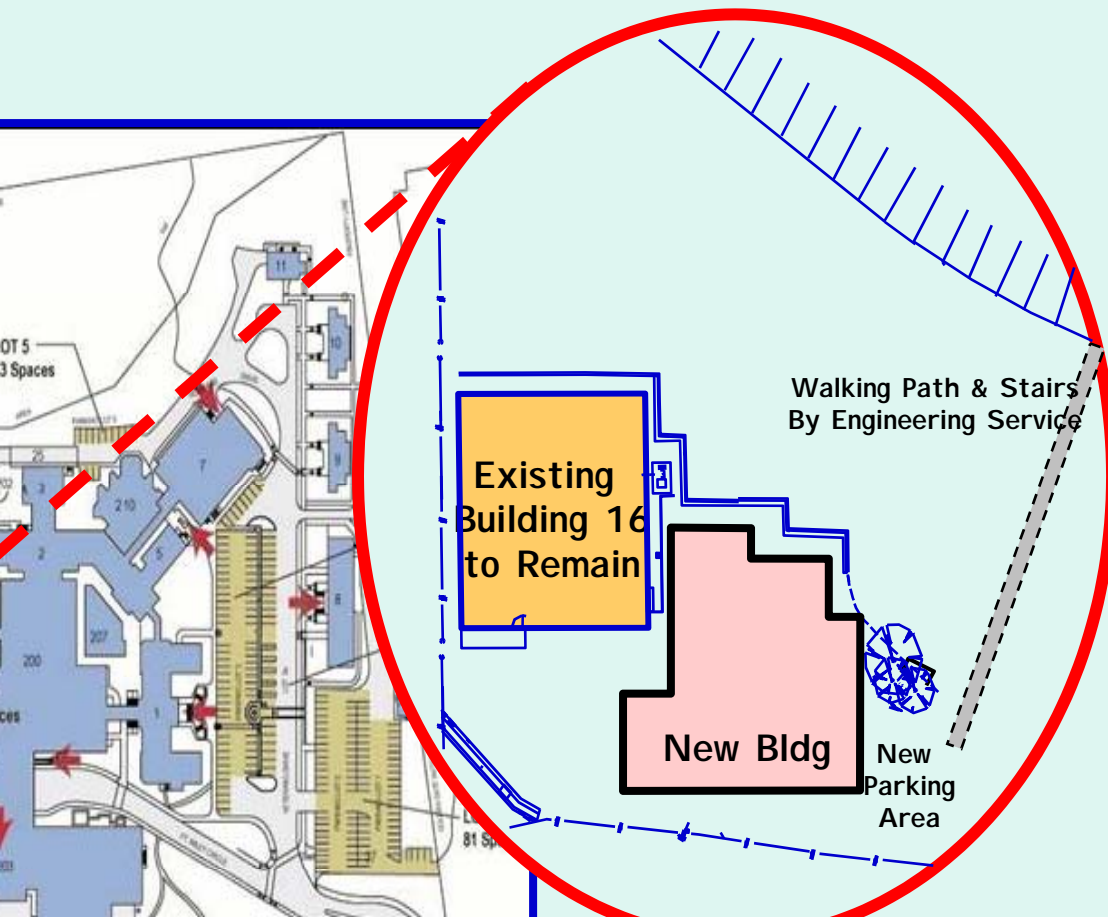


300sf - To be replaced by Minor in FY09/10 (est.)

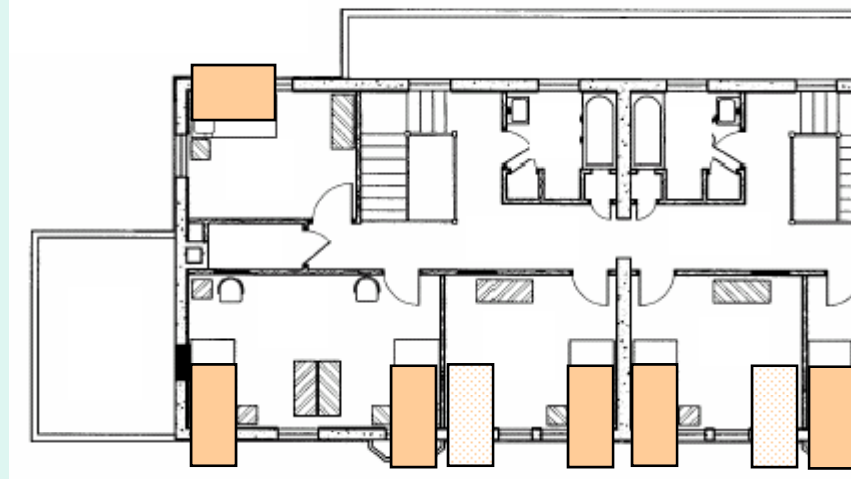
Lot"

Building 203 - Patient Privacy

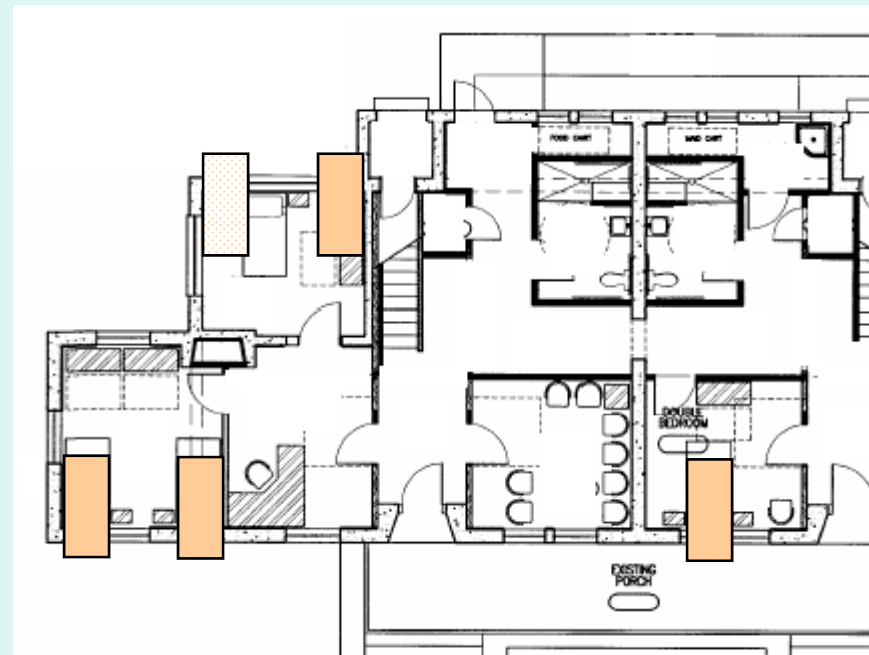
Study Group
State Research
y Research



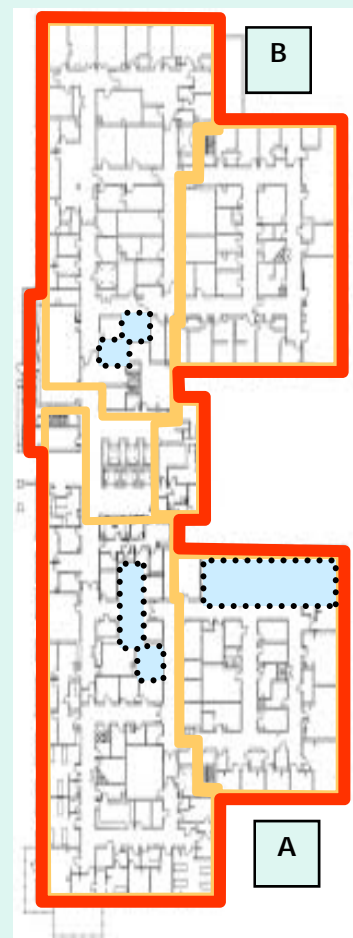
to by Minor in FY08/09 (ext)
Building 203 - Patient Privacy



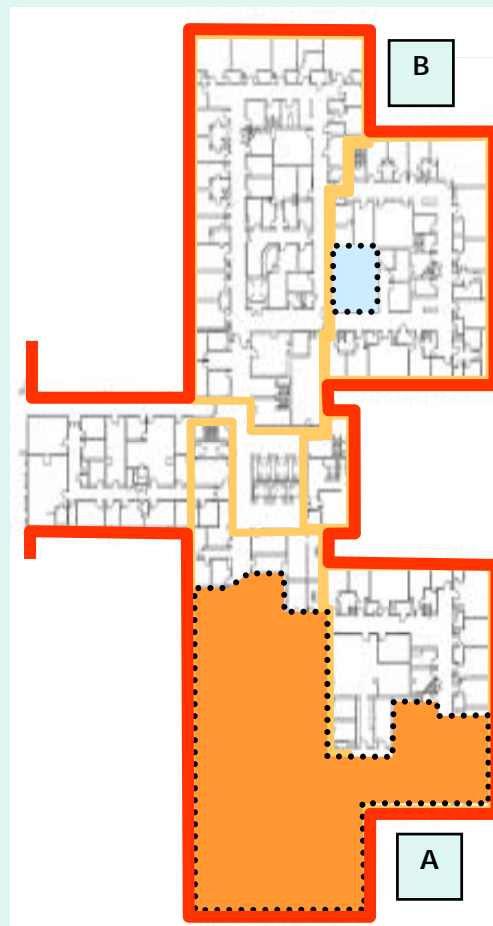
2nd Floor Plan: 9 and



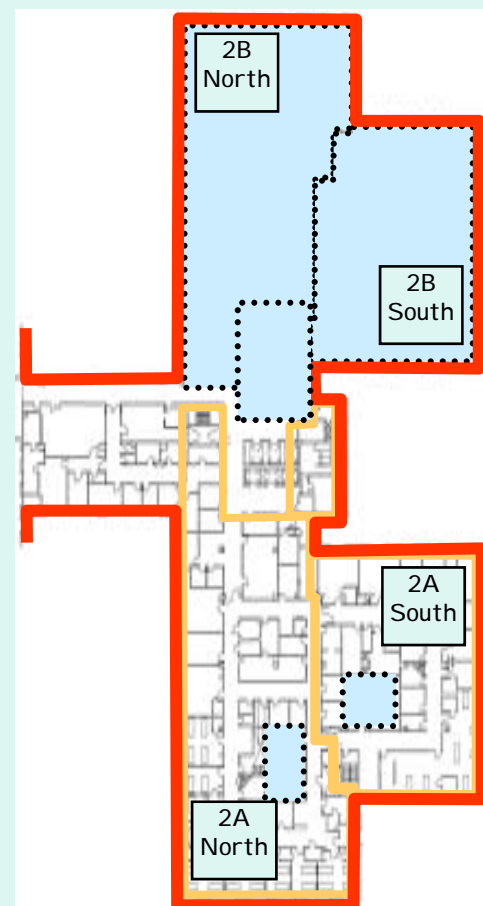




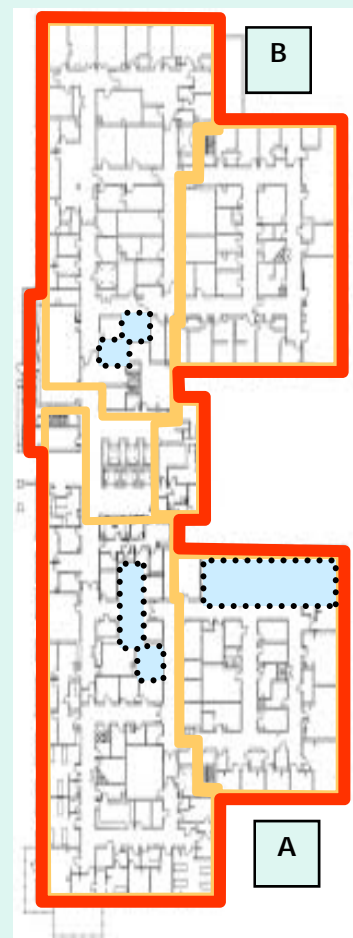
Ground



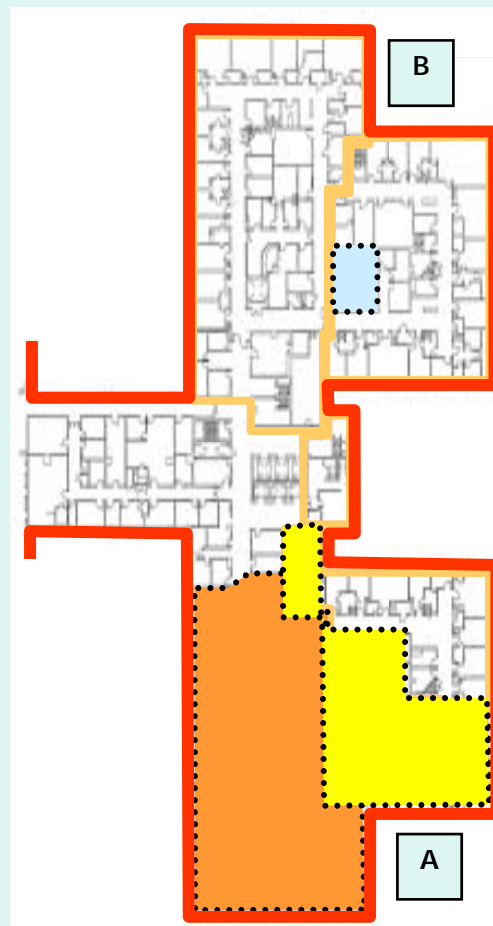
1st Floor



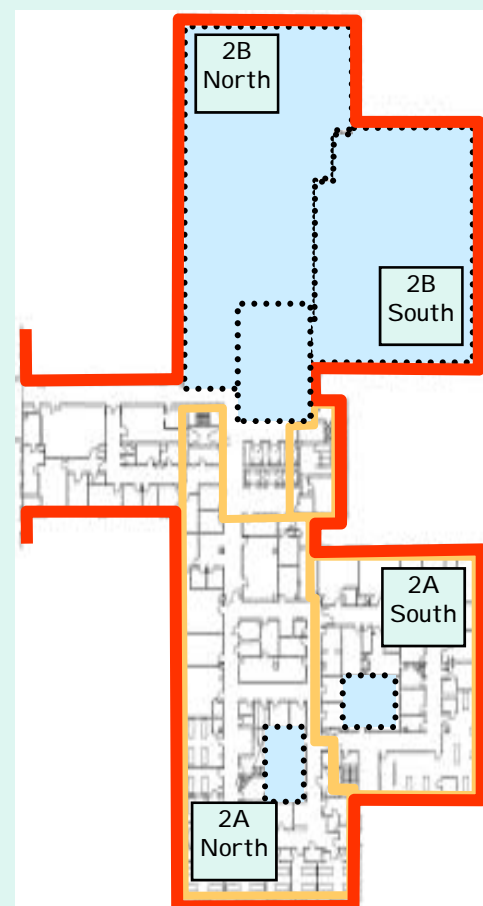
2nd Floor



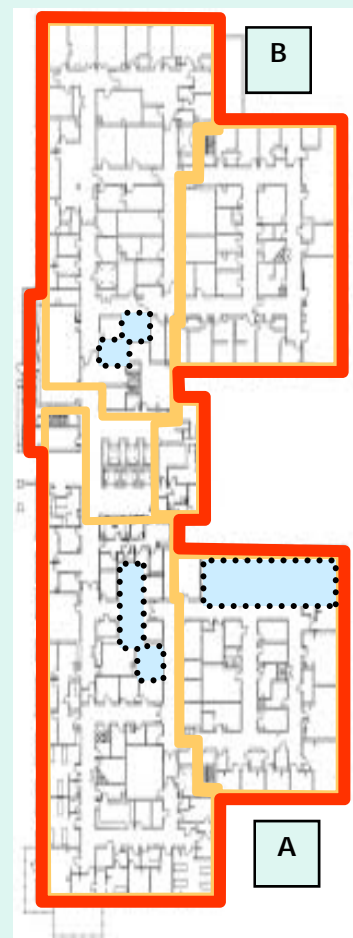
Ground



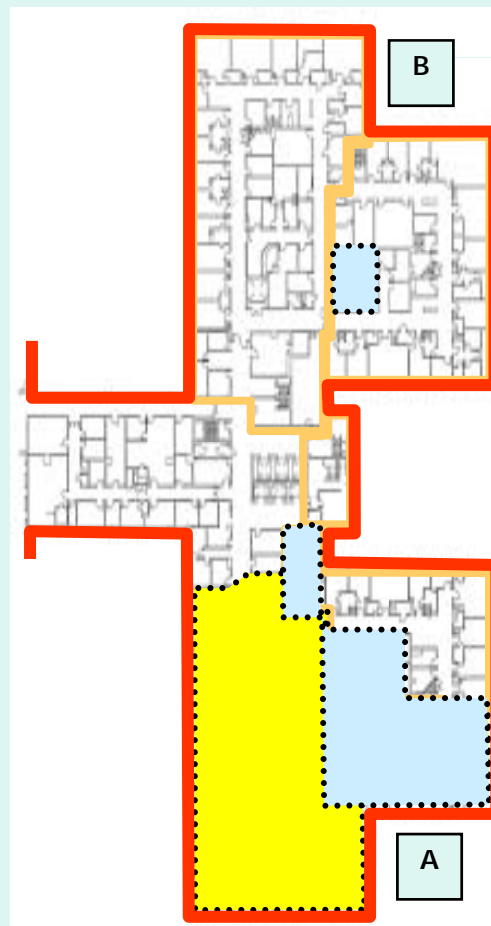
1st Floor



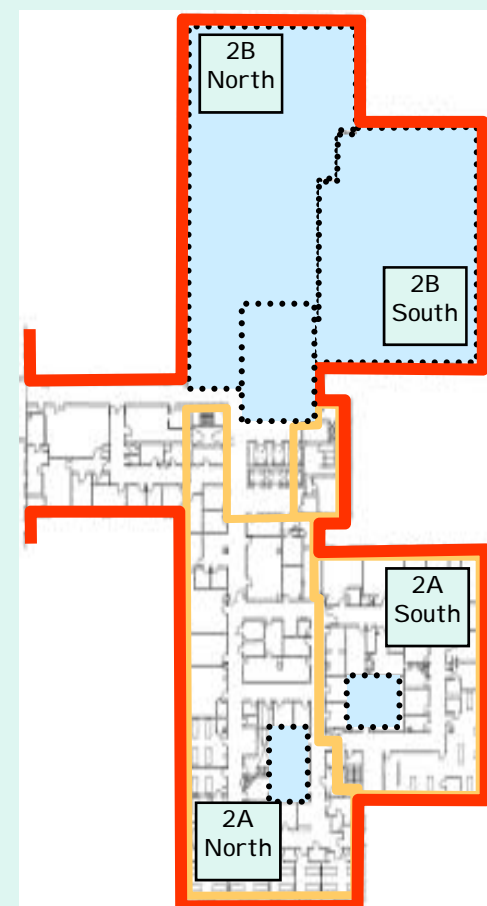
2nd Floor



Ground



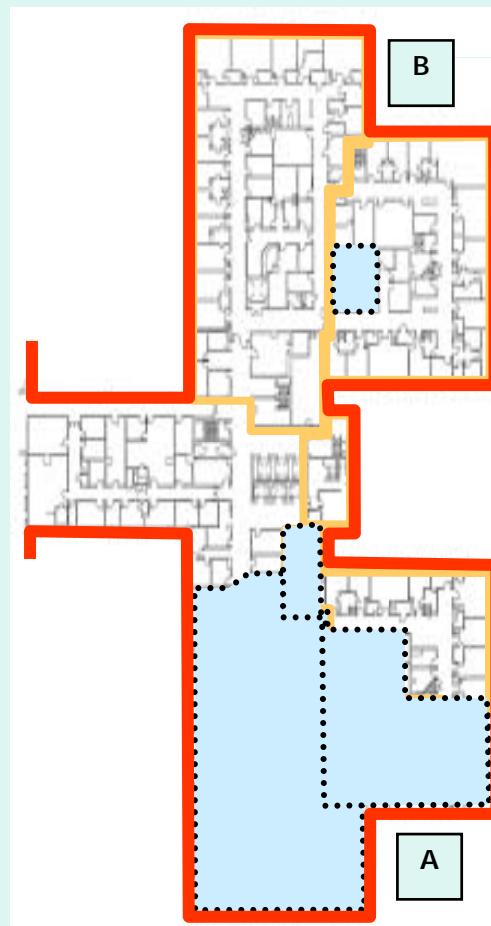
1st Floor



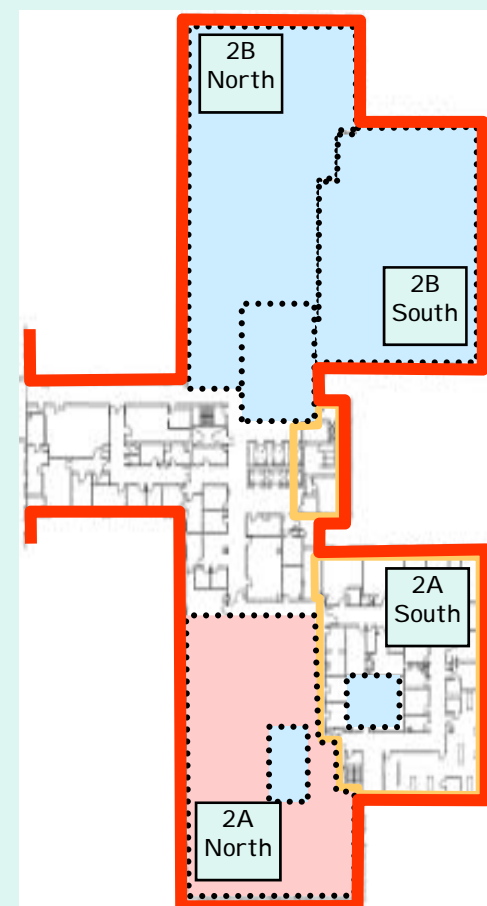
2nd Floor



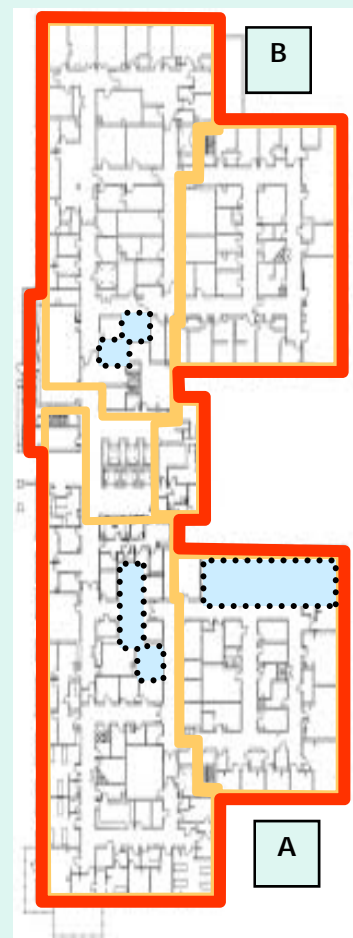
Ground



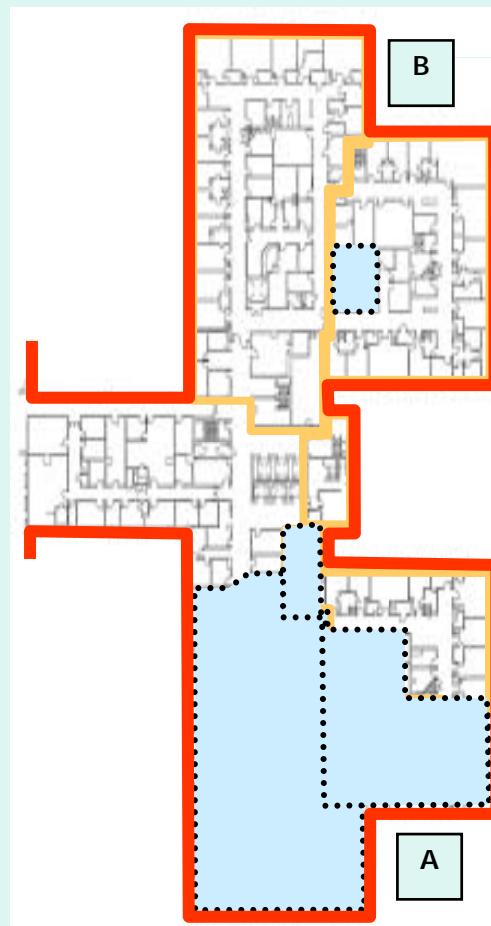
1st Floor



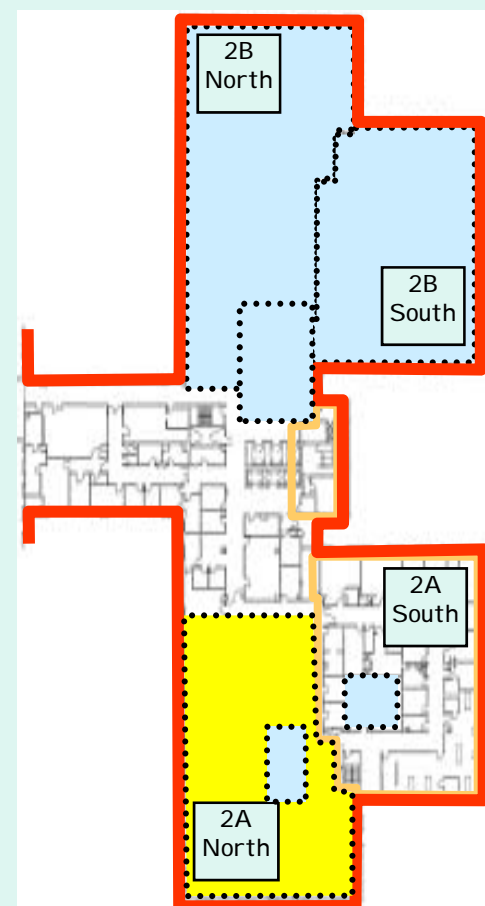
2nd Floor



Ground



1st Floor

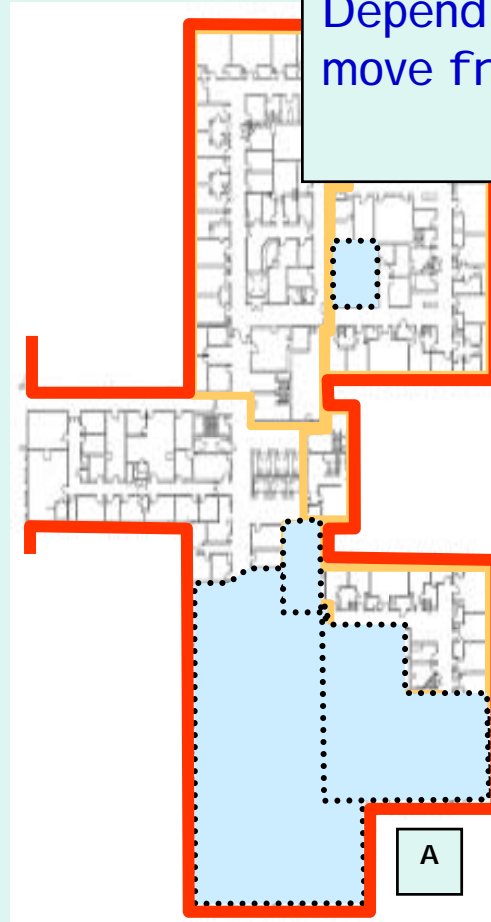


2nd Floor

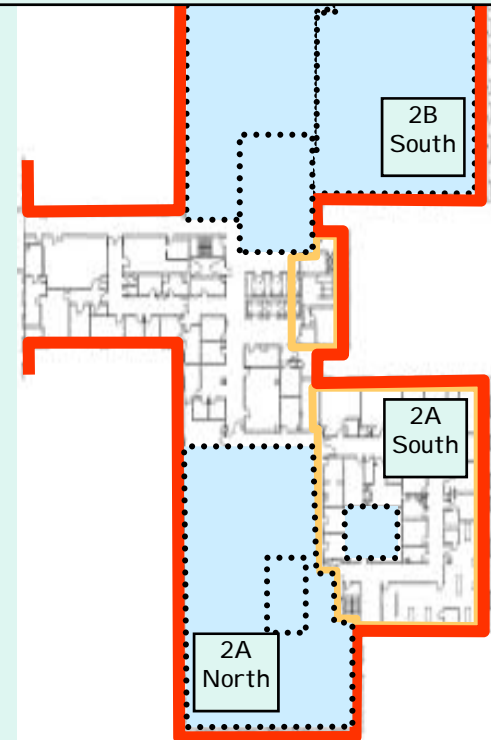
This PI CU Patient Privacy project was original
203 Seismic Major. Due to early budget issue
and a Minor placeholder project was added to
Depending on funding and project prioritization
move from a Minor into the NRM funding cate



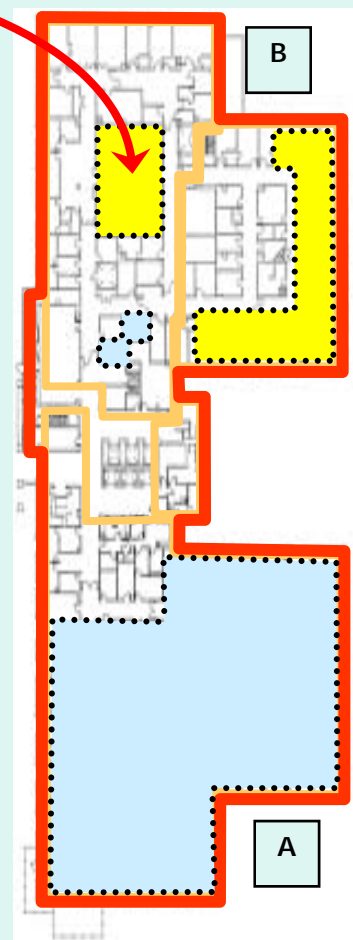
Ground



1st Floor



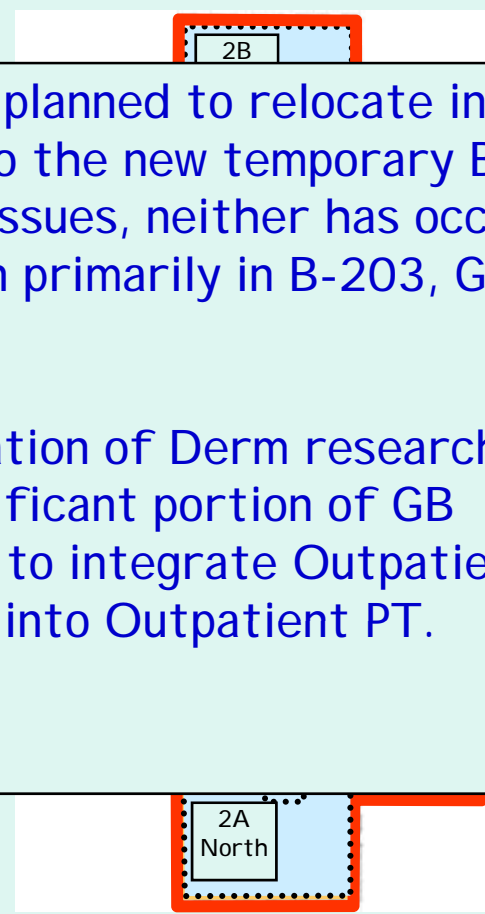
2nd Floor



Ground



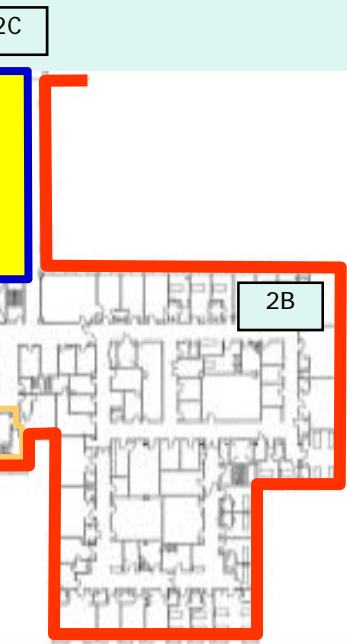
1st Floor



2nd Floor

Derm research was planned to relocate into both building as well as to the new temporary B-16 a timing and funding issues, neither has occurred research will remain primarily in B-203, GB and location is found.

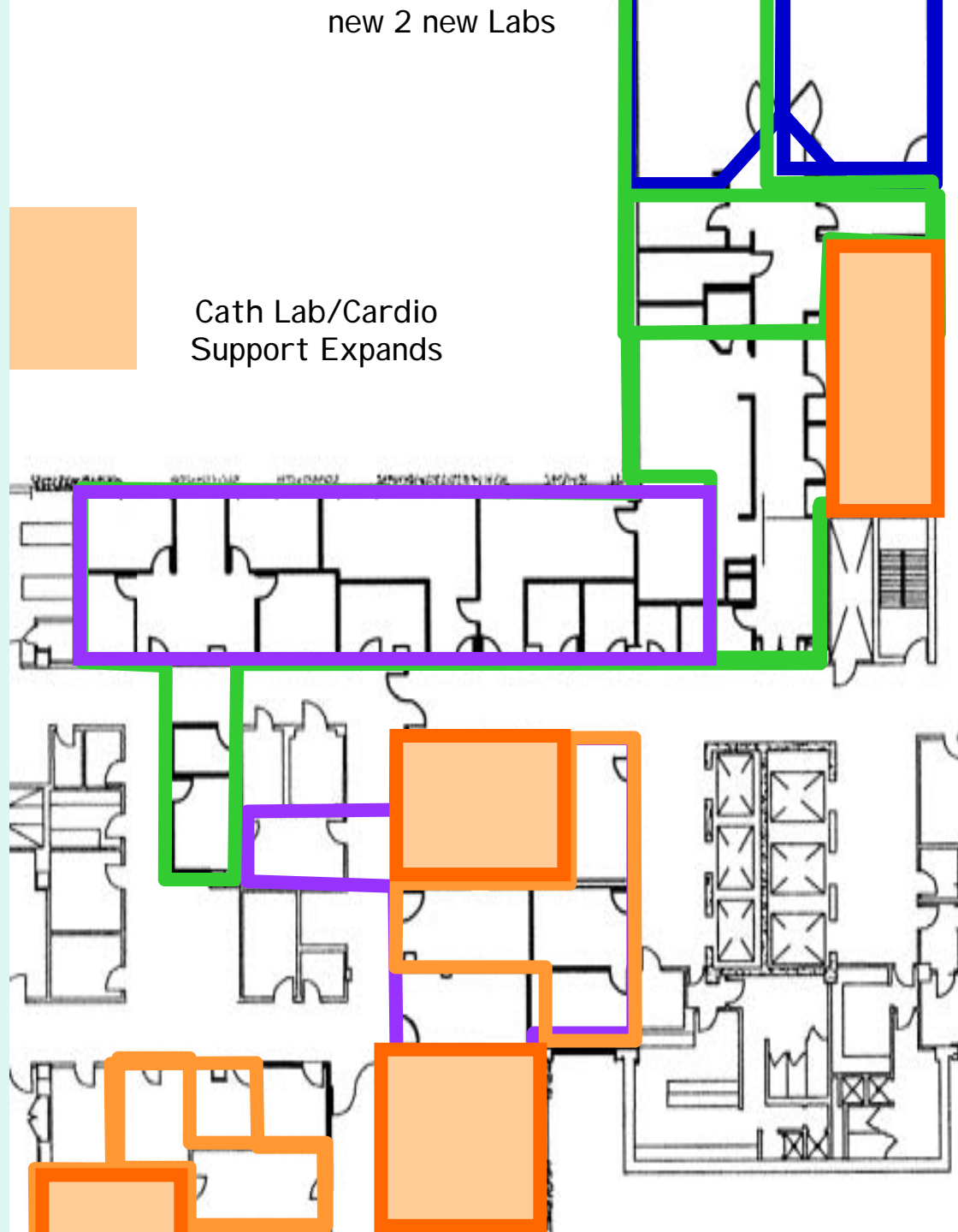
Following the relocation of Derm research, the research and a significant portion of GB is slated for Comp & Pen and to integrate Outpatient PT basement of B-203 into Outpatient PT.



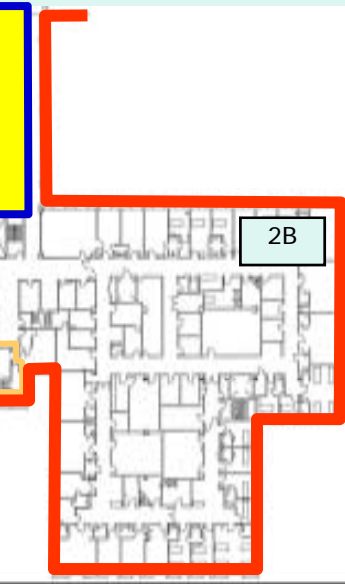
oor

Noninvasive
Cardio
moves

Hep-C moves

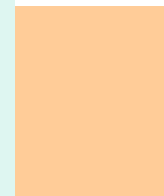


2C



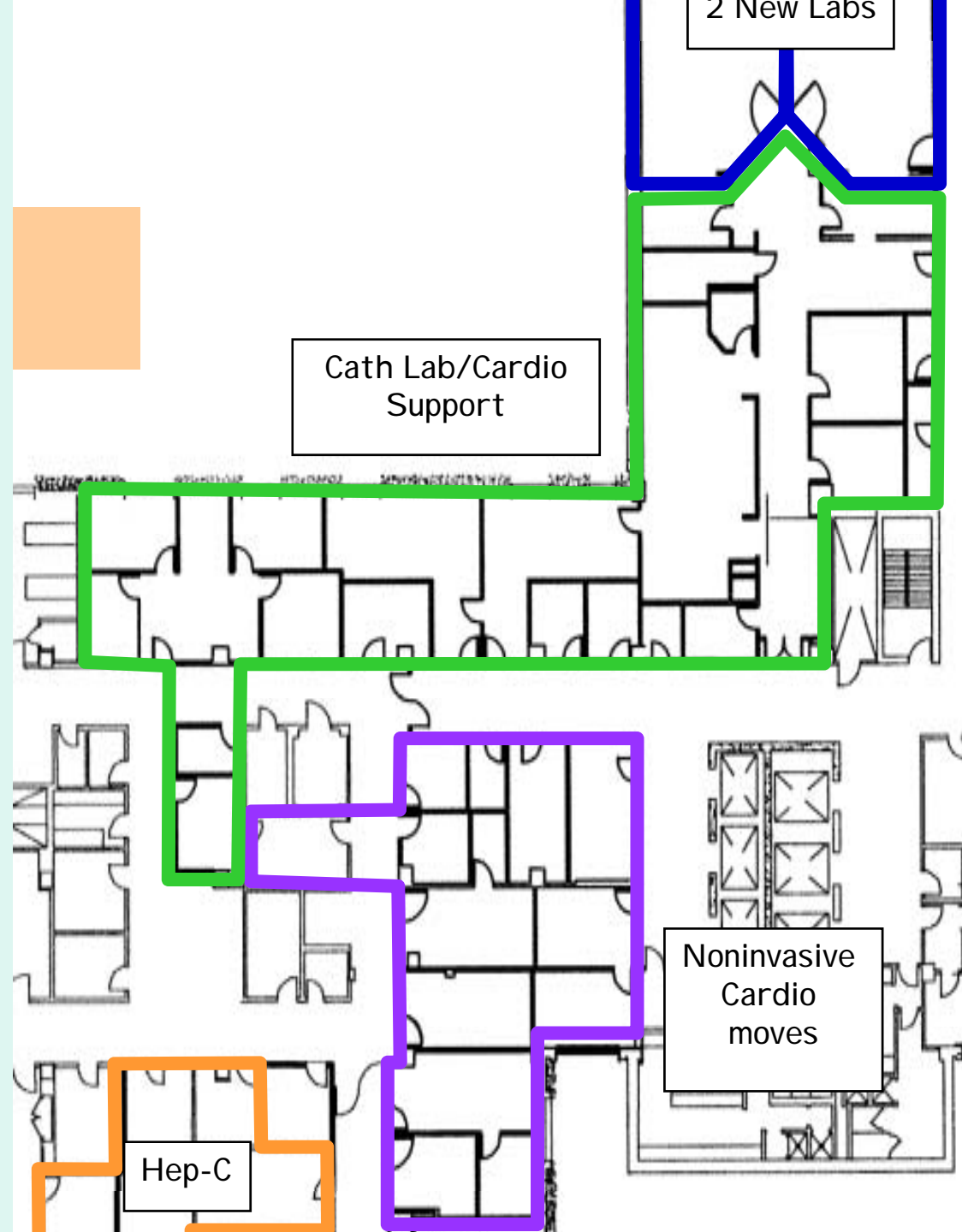
2B

oor



Cath Lab/Cardio
Support

2 New Labs



Hep-C

Noninvasive
Cardio
moves

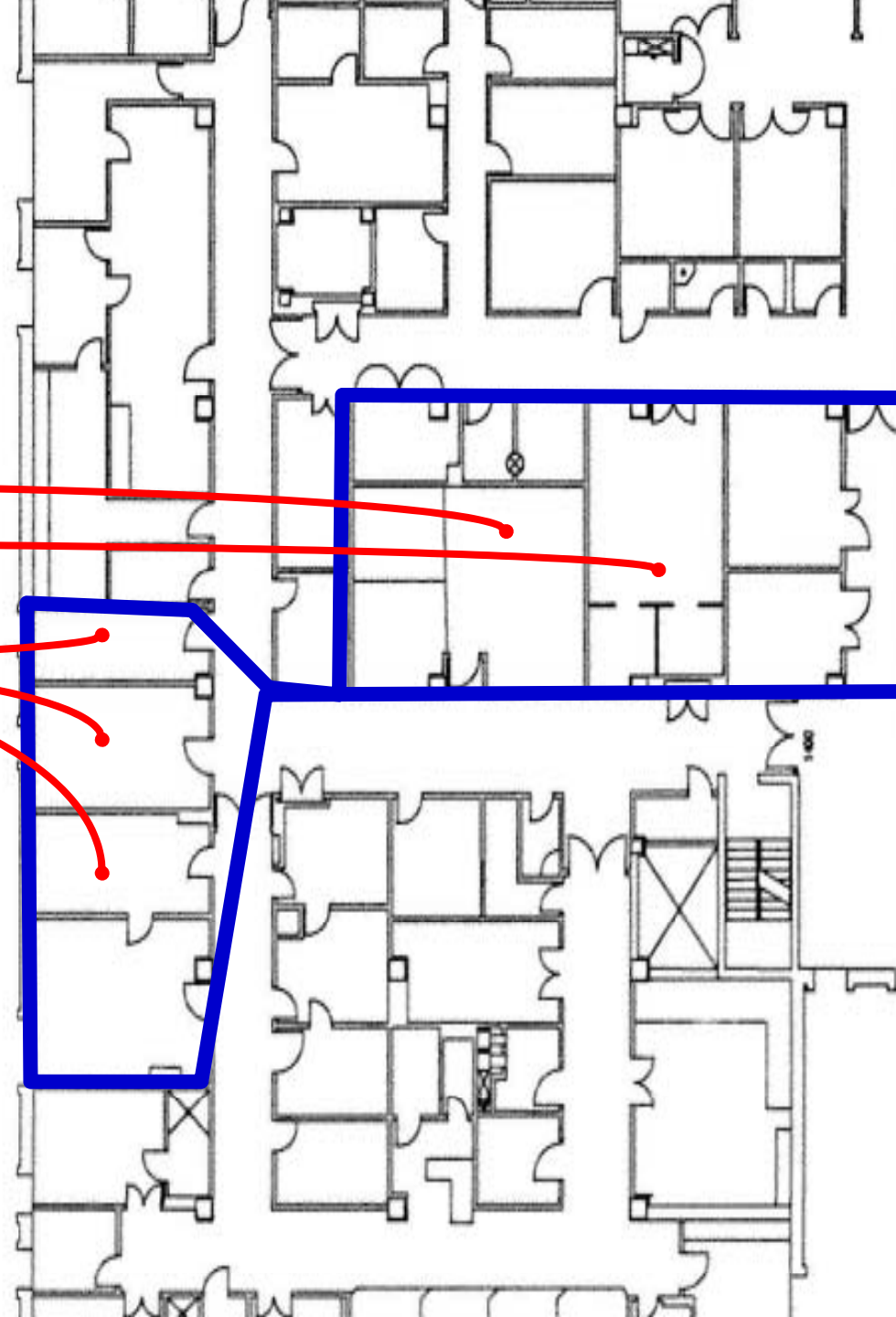
Before

Relocated:

HDU Fellows Office
HDU Lab/Work Area
Cardio Lab to 1C15
Wet Labs to B-16

New:

- * 6+ office suite
- * Conference Room
- * Respiratory Storage
and possibly a new
Sleep Study room



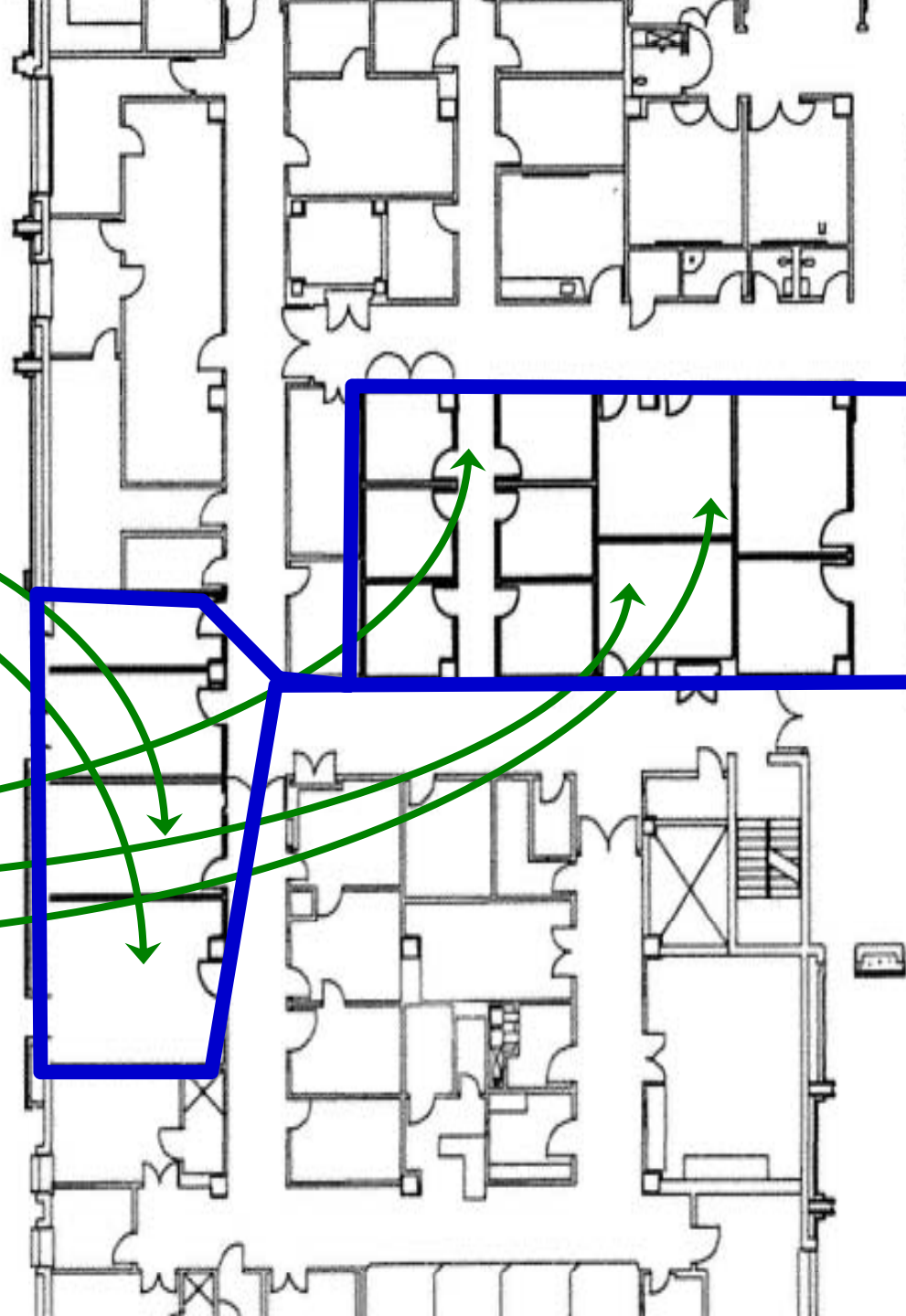
After

Relocated:

HDU Fellows Office
HDU Lab/Work Area
Cardio Lab to 1C15
Wet Labs to B-16

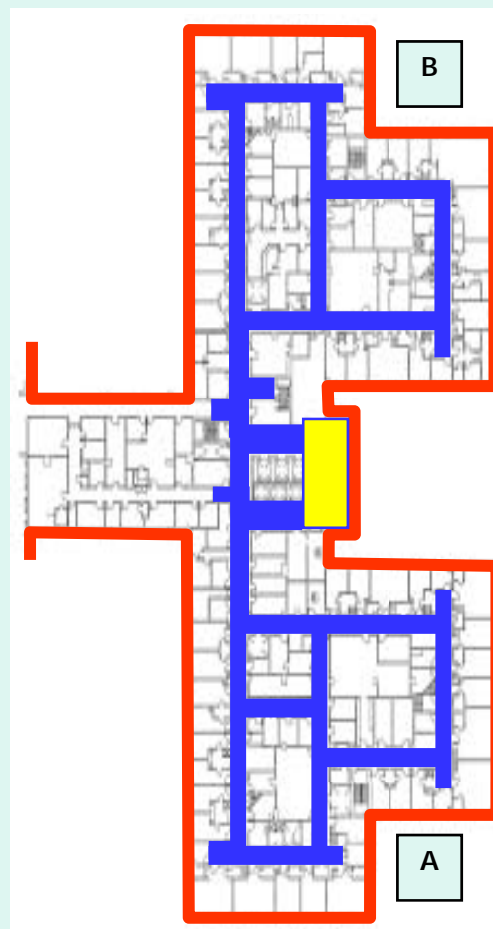
New:

- * 6-office suite
- * Conference Room
- * Respiratory Storage
- and possibly a new
- Sleep Study room

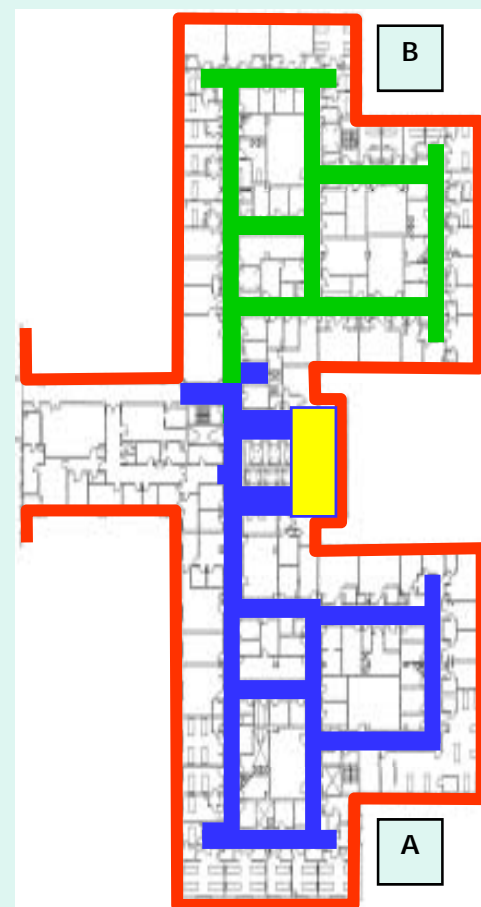




Ground

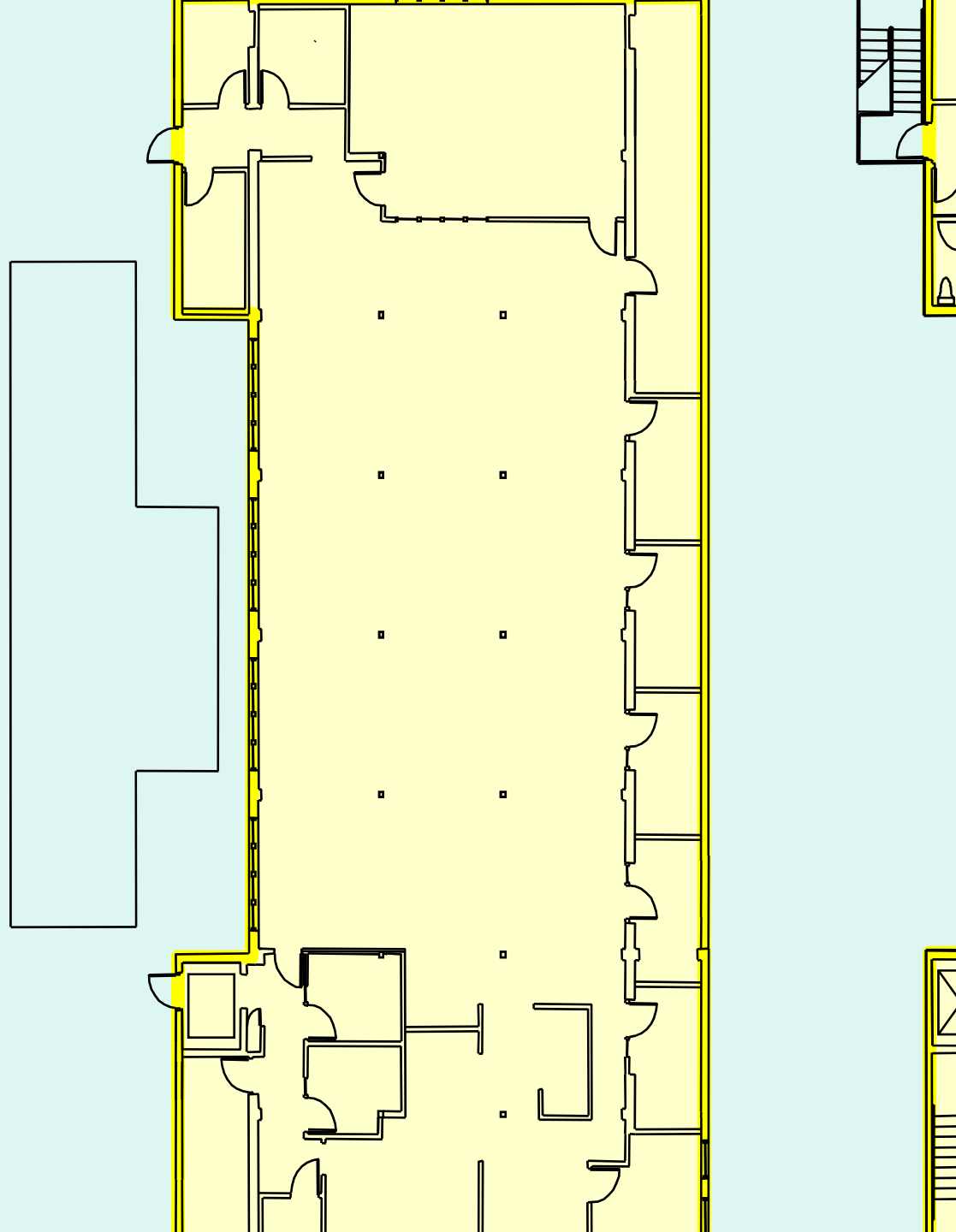


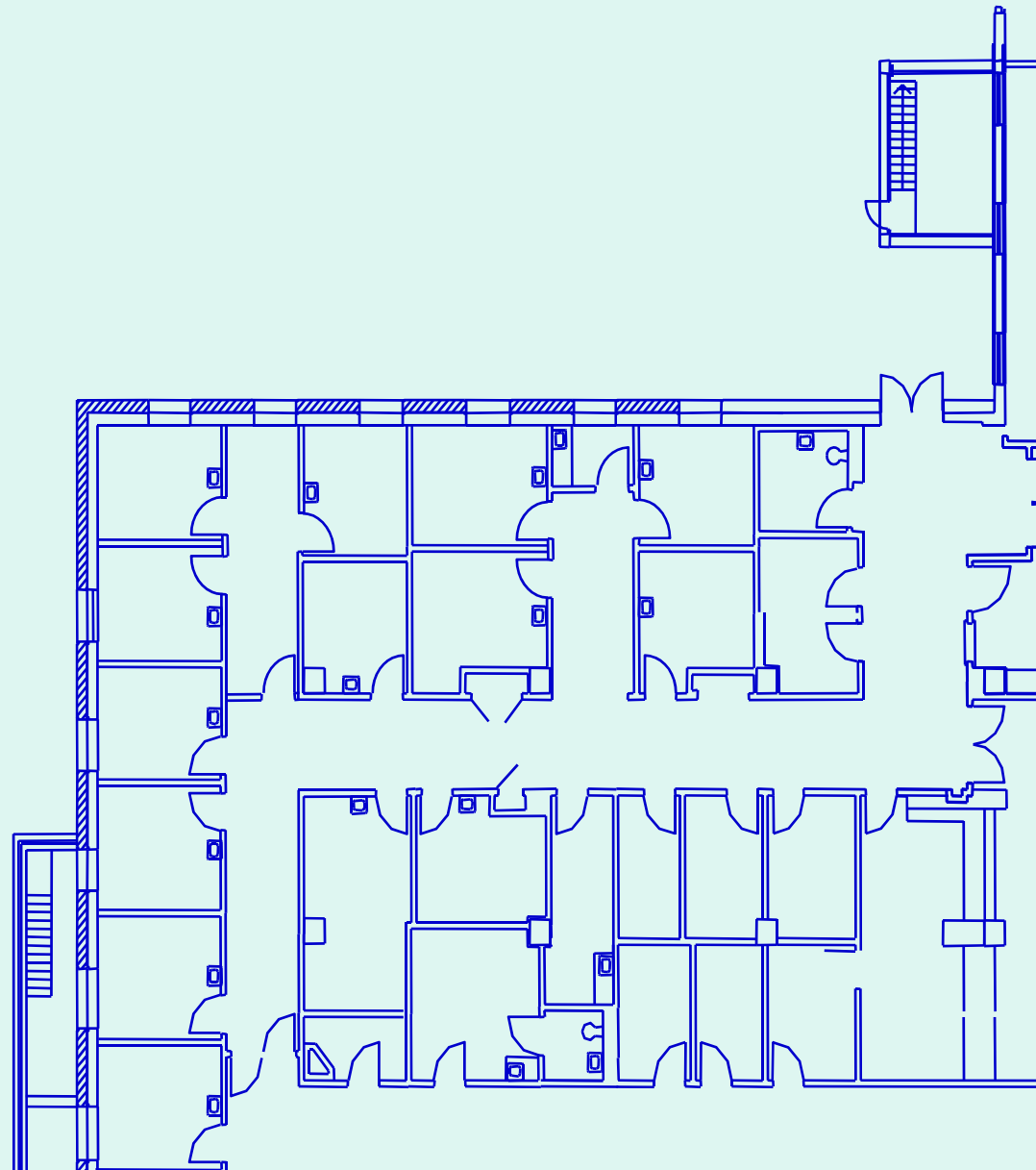
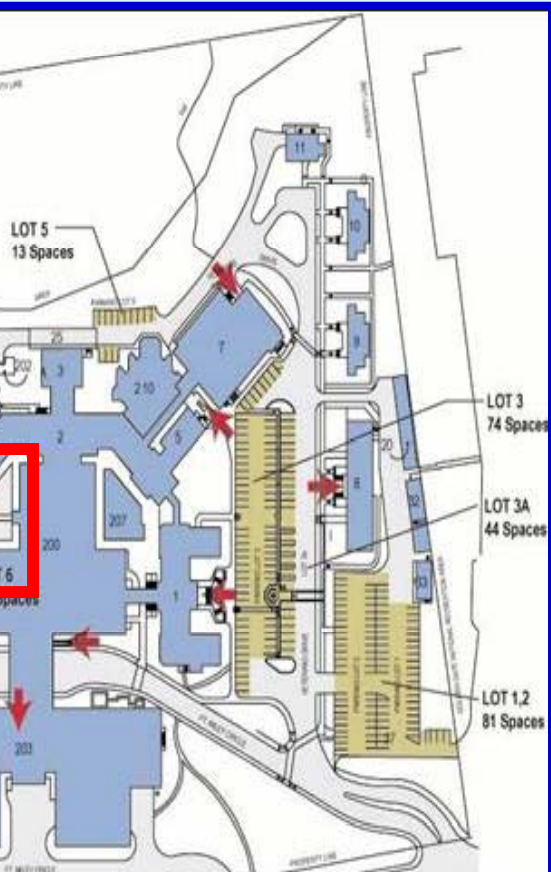
1st Floor

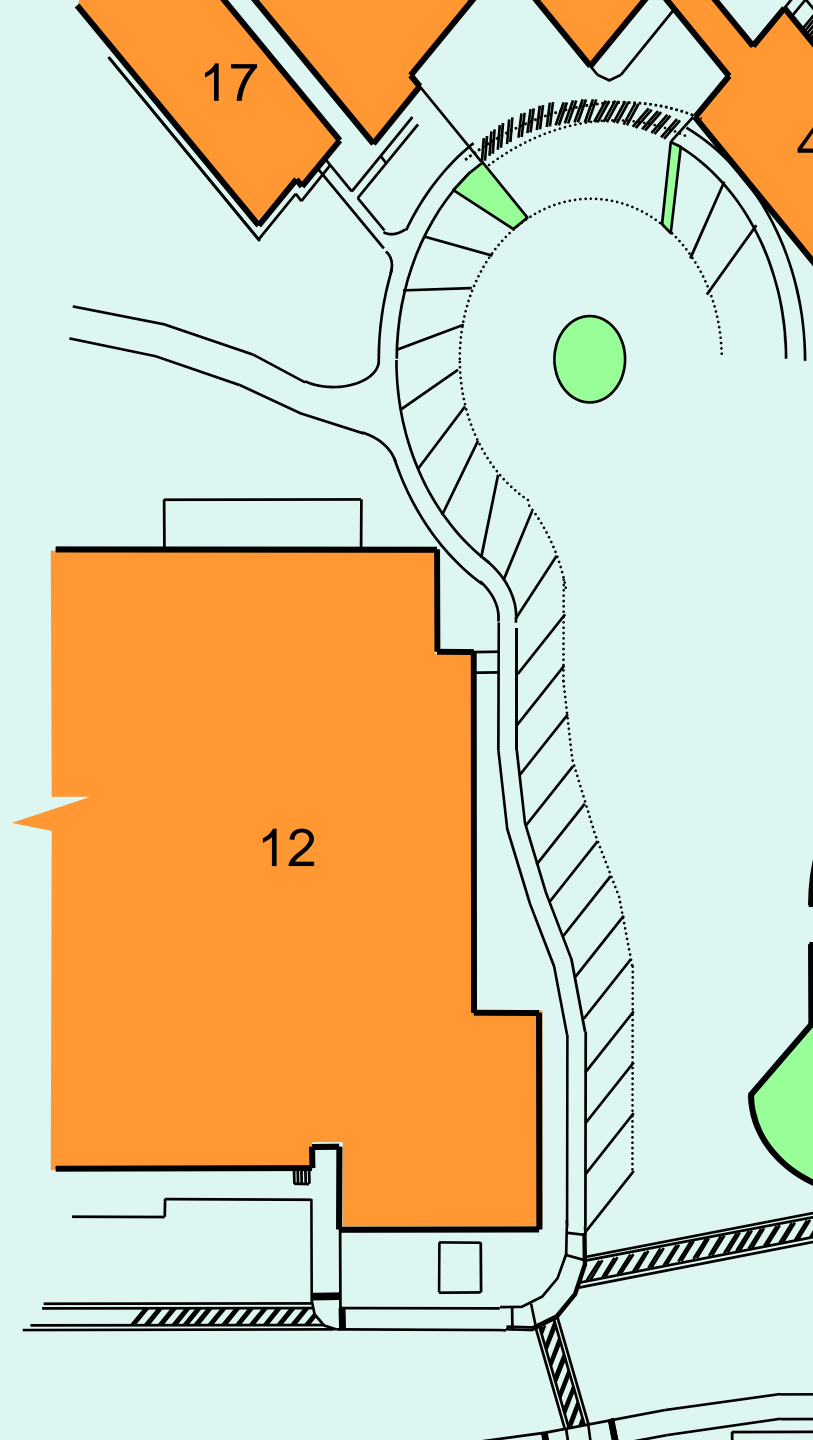
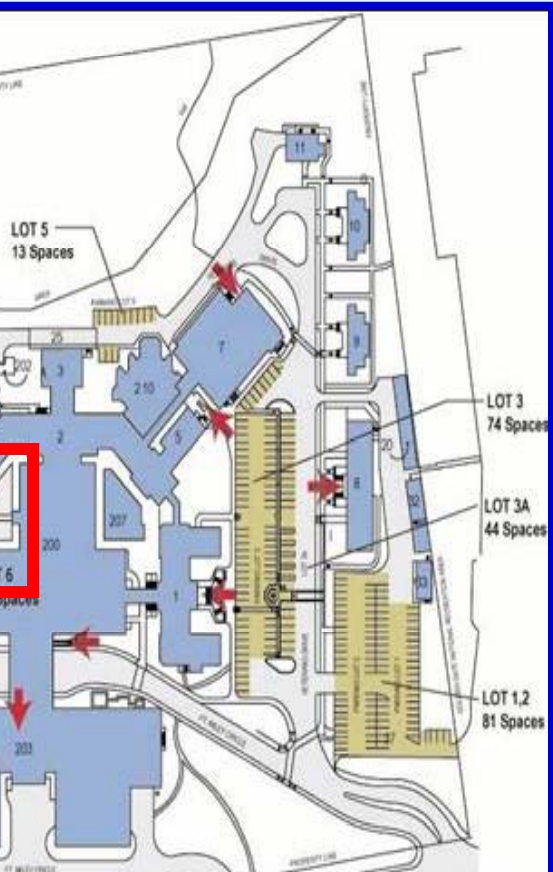


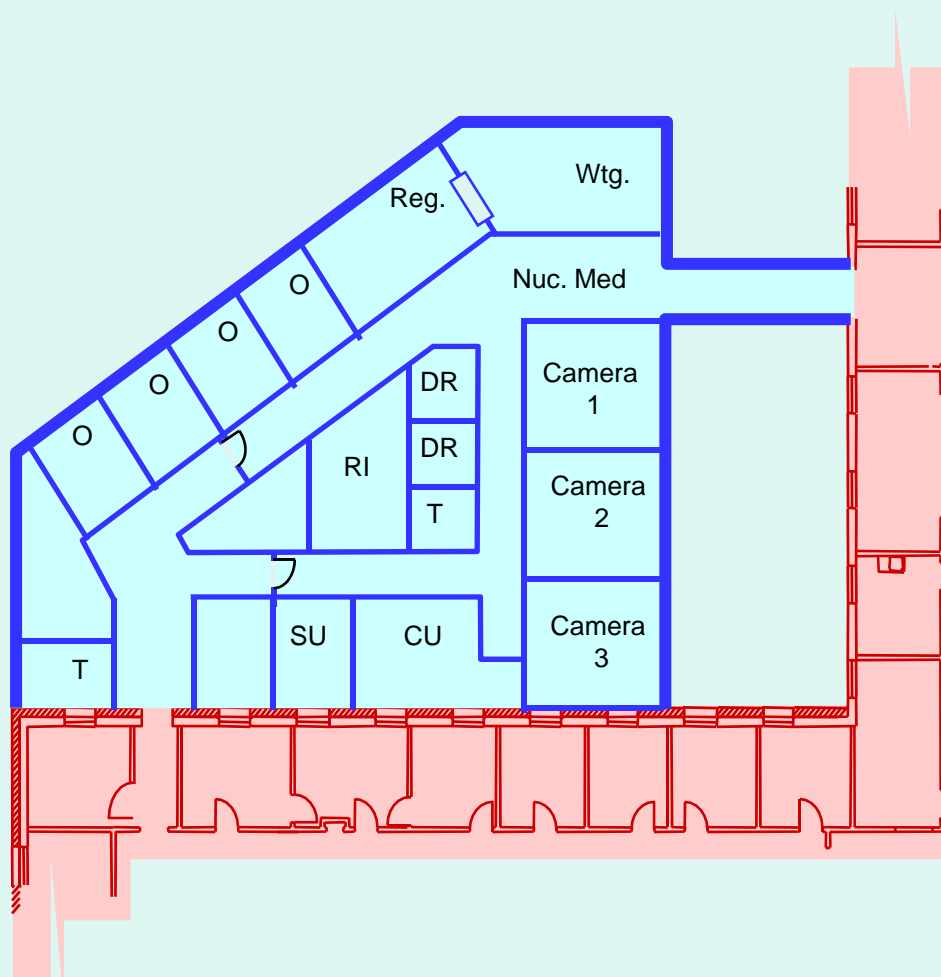
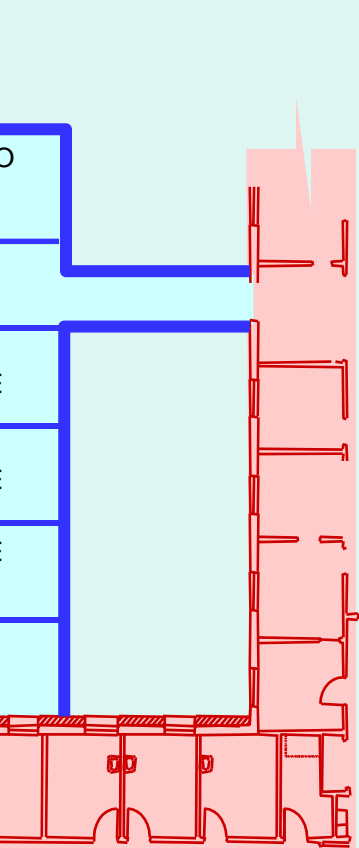
2nd Floor

Interior Corridors, Bathrooms & Signage

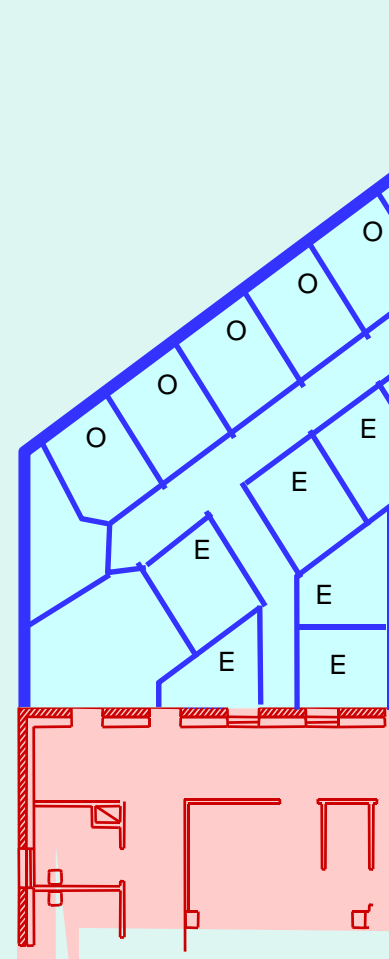




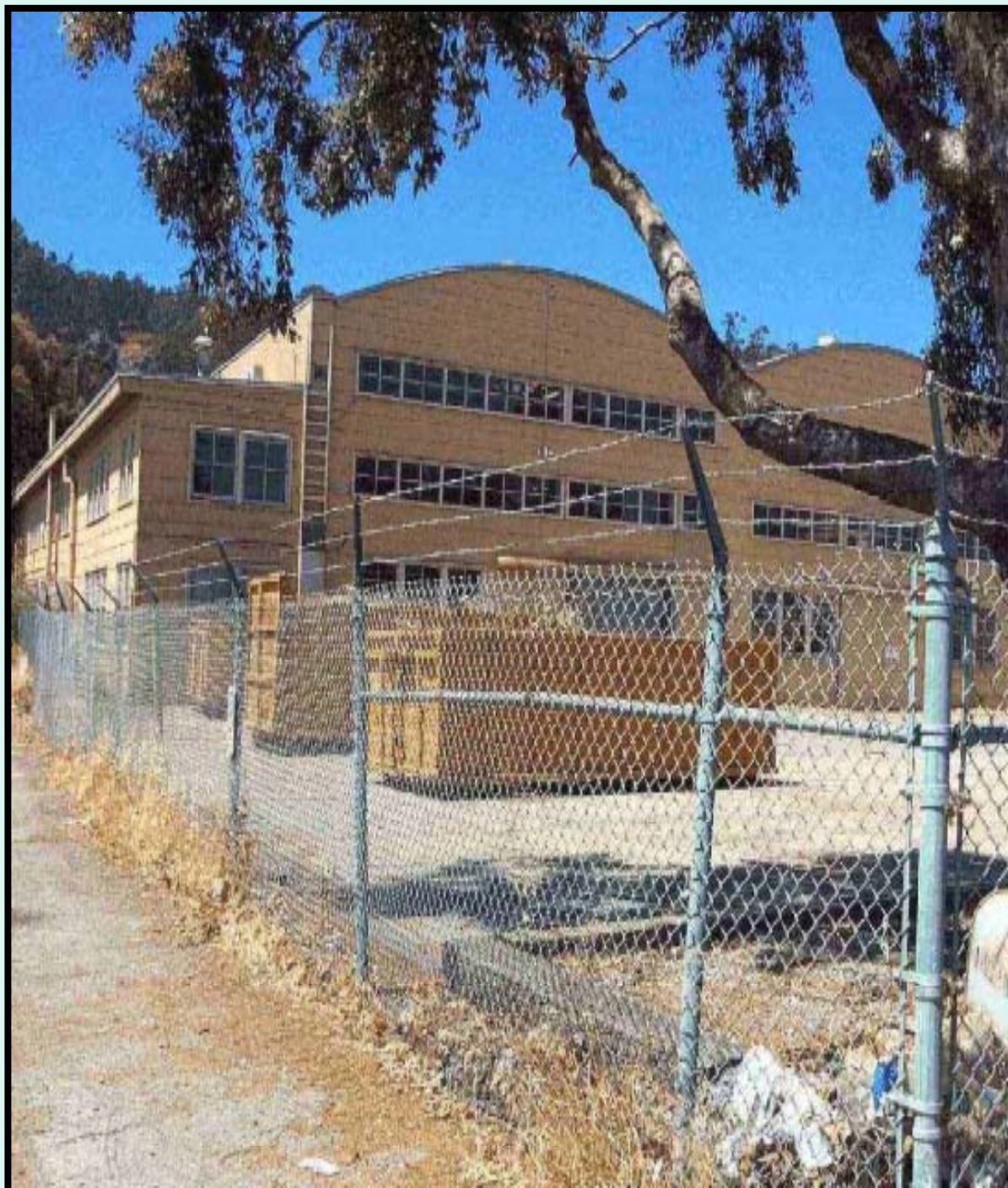


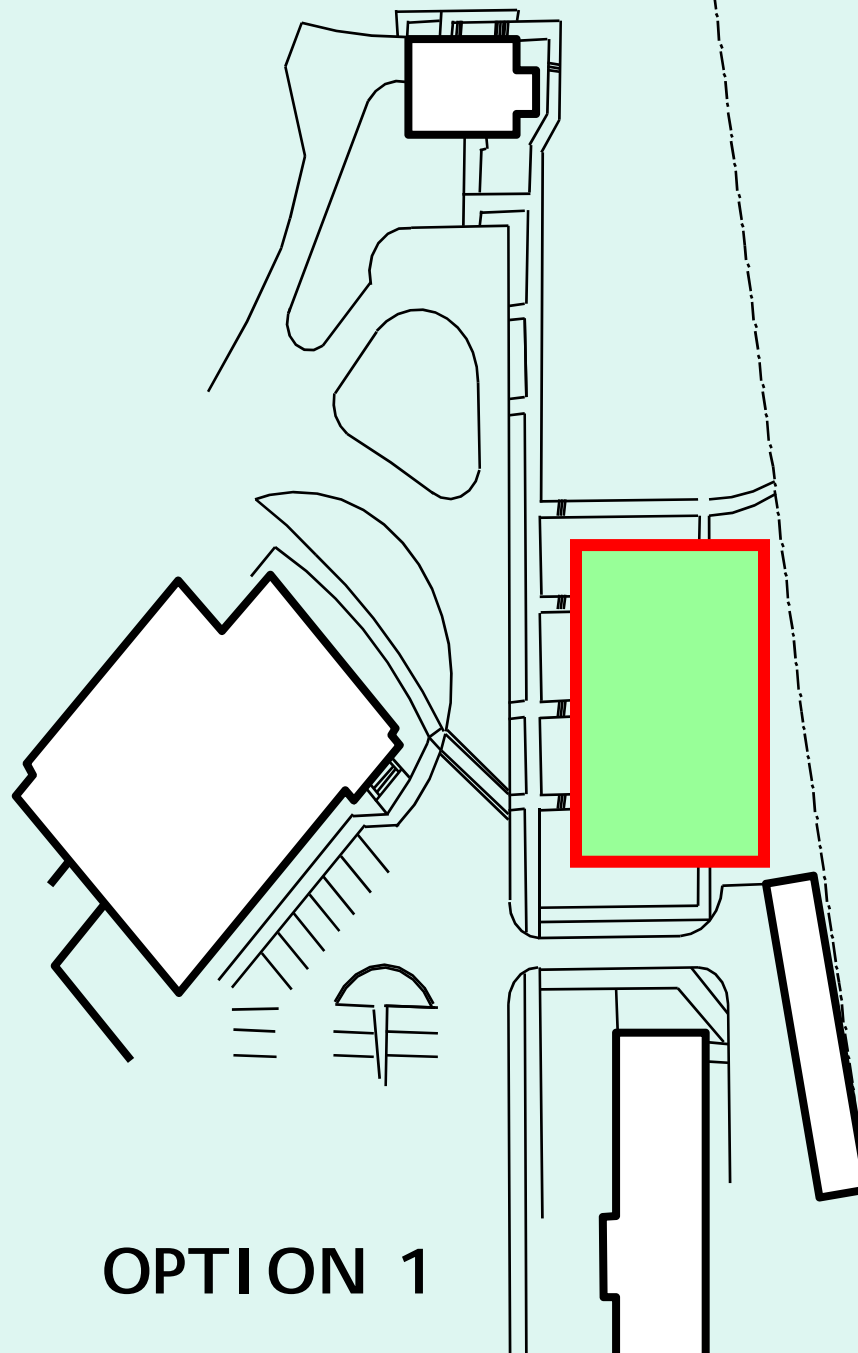


2nd Floor Addition
(blue / existing red)

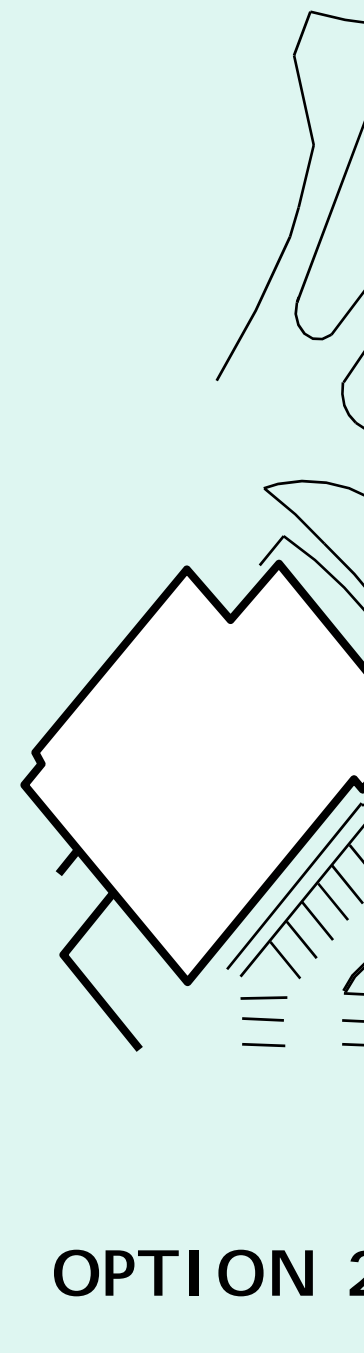


3rd Floor
(blue / existing red)

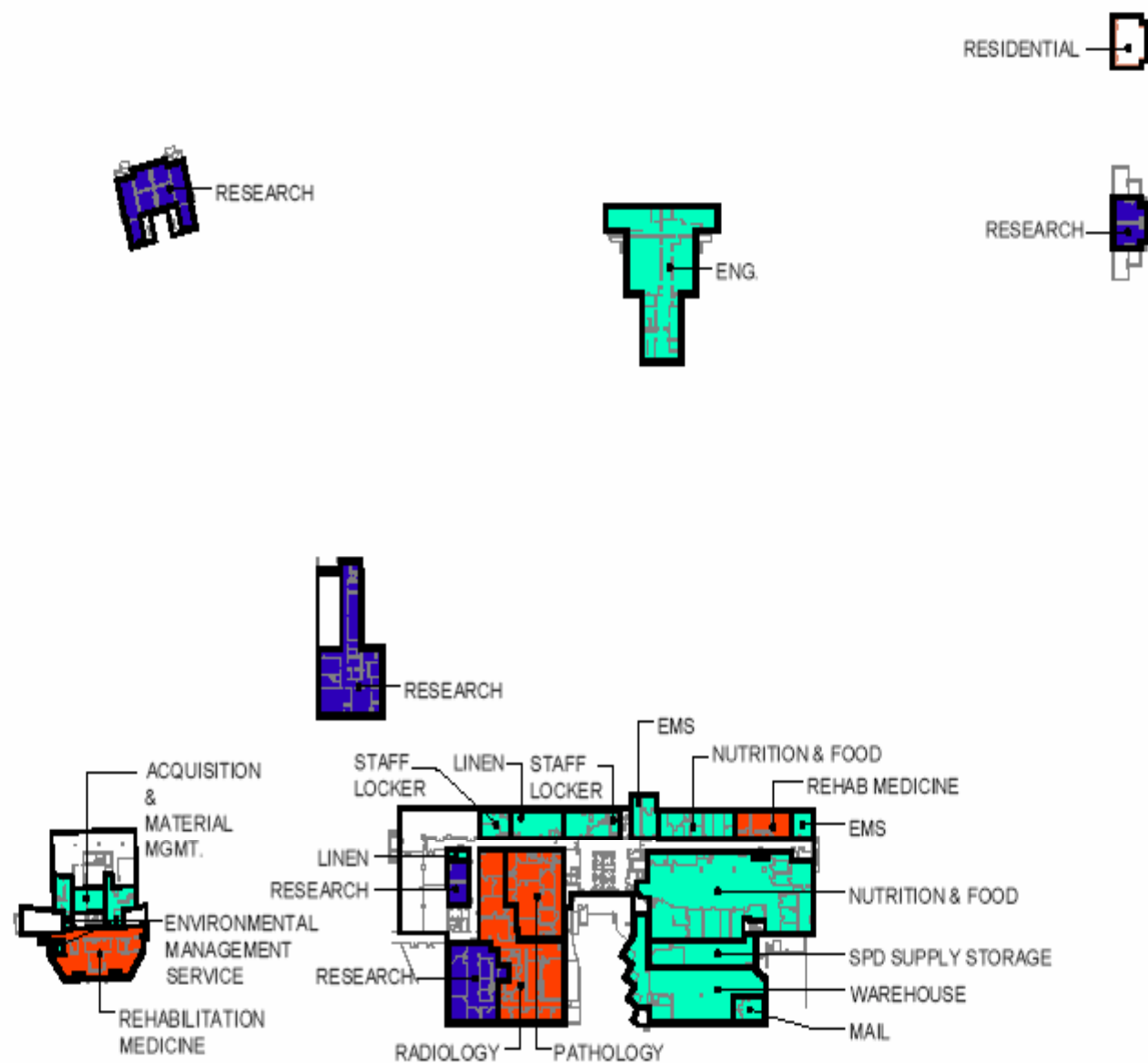




OPTION 1

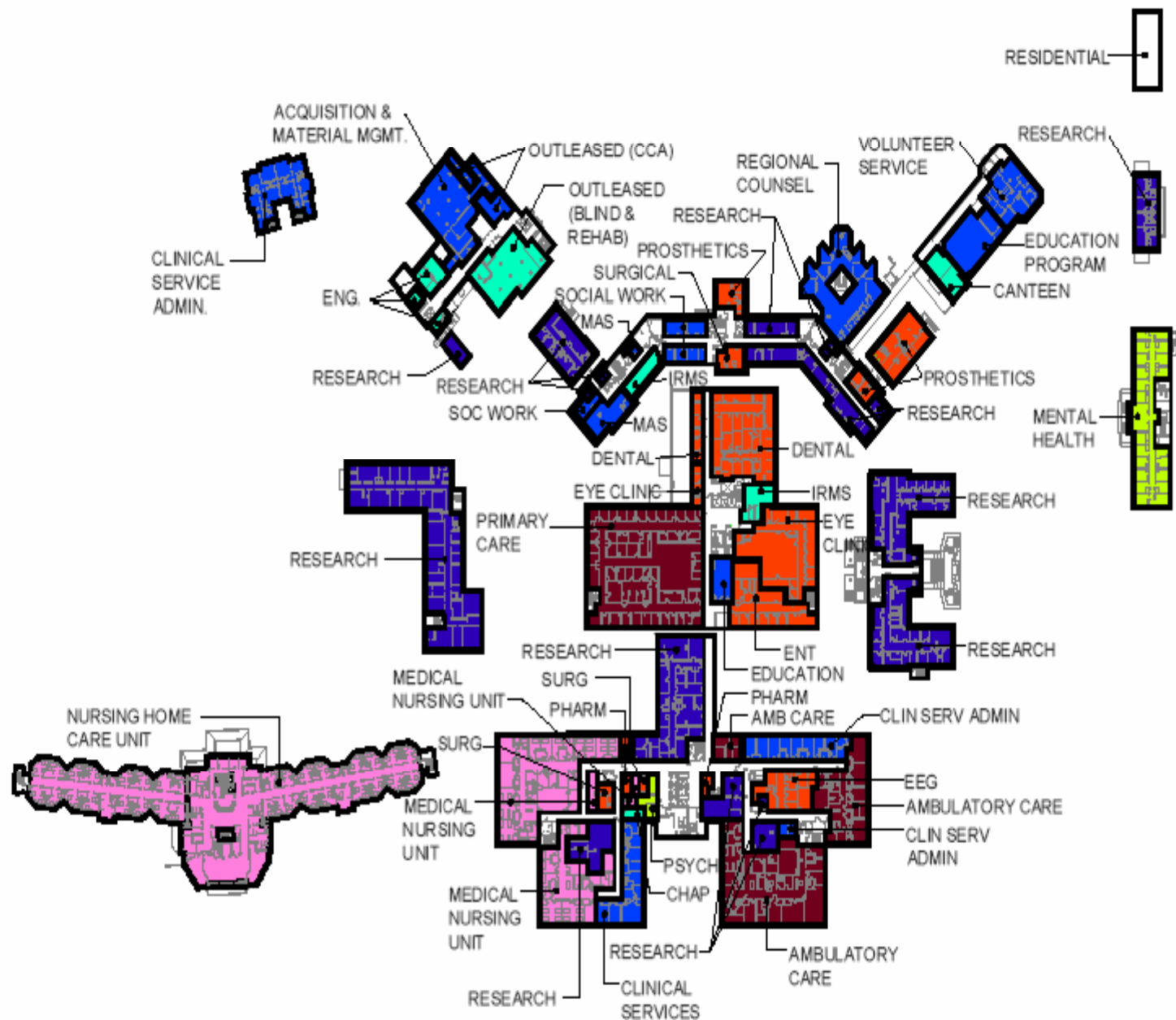


OPTION 2

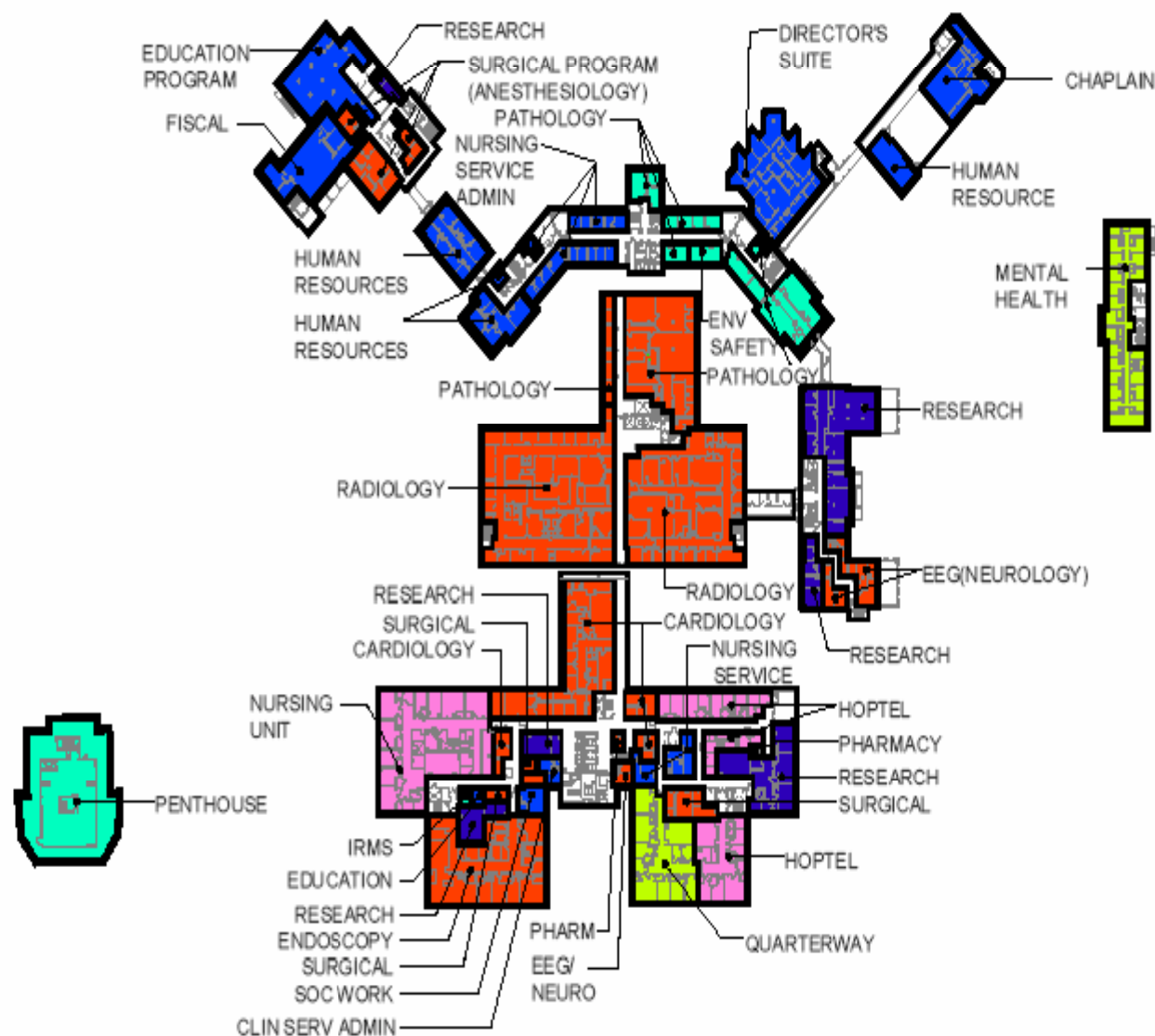


VA SAN FRANCISCO MASTER PLAN

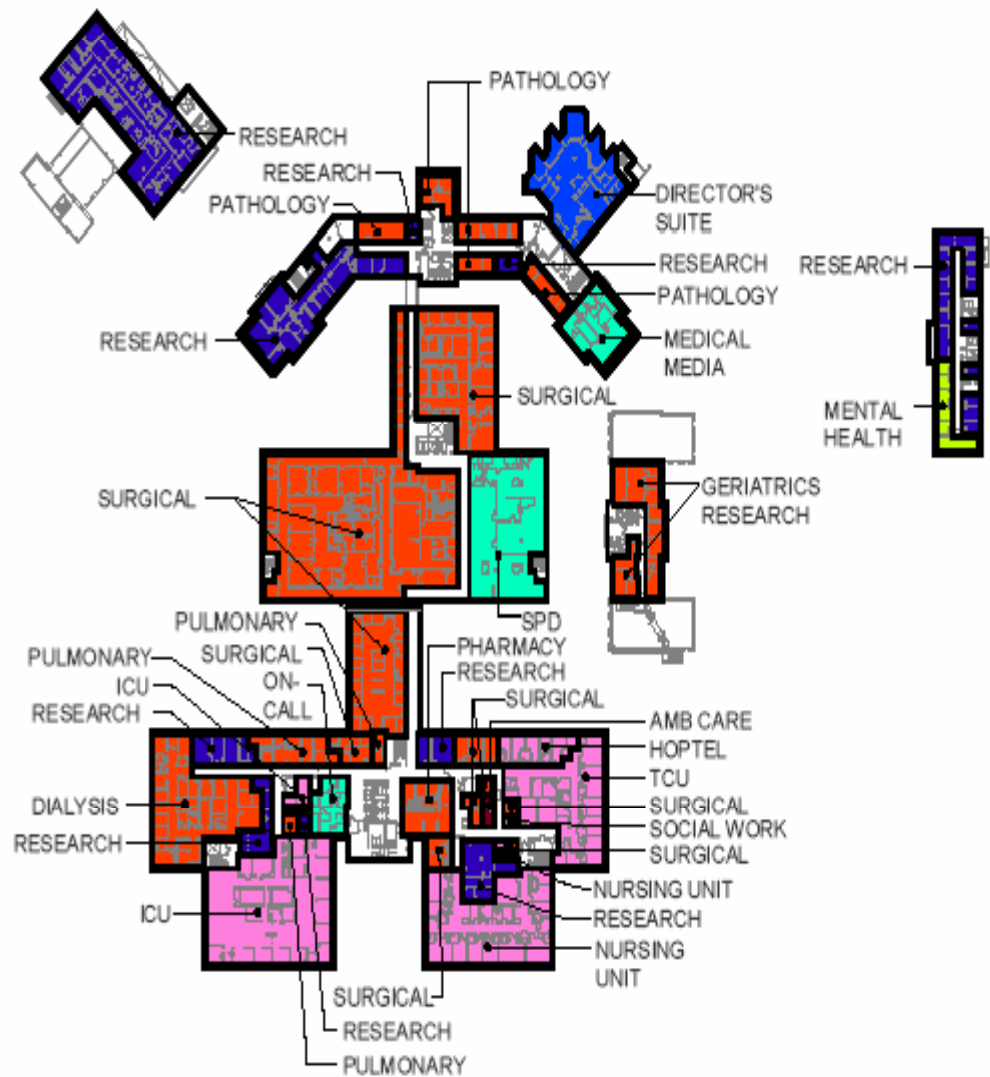




VA SAN FRANCISCO MASTER PLAN



VA SAN FRANCISCO MASTER PLAN



VA SAN FRANCISCO MASTER PLAN



6



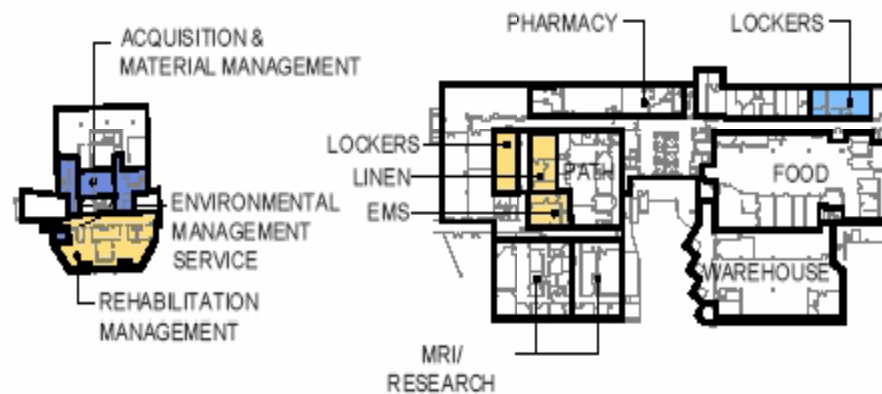
5



4

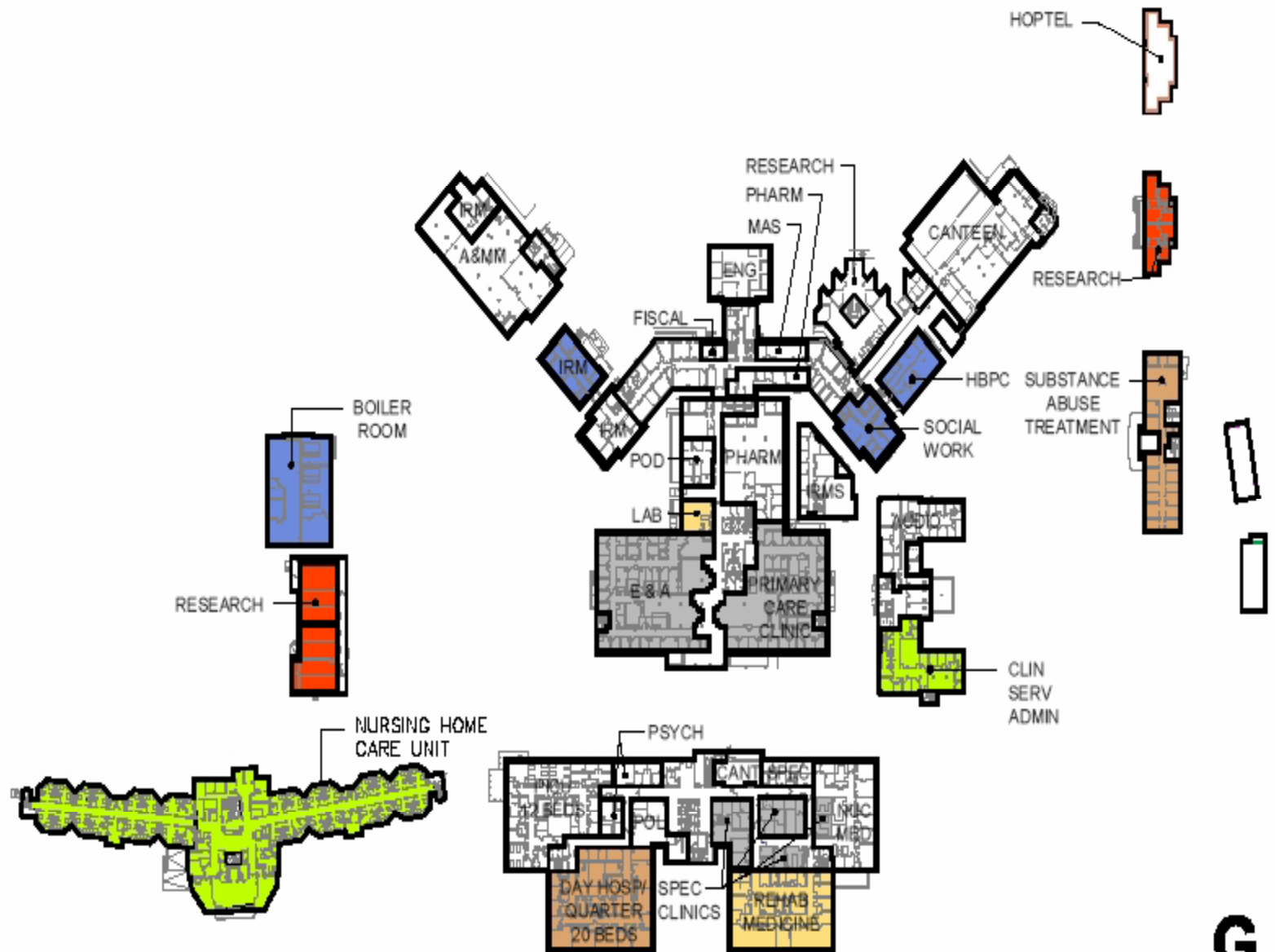
STORAGE

RESEARCH



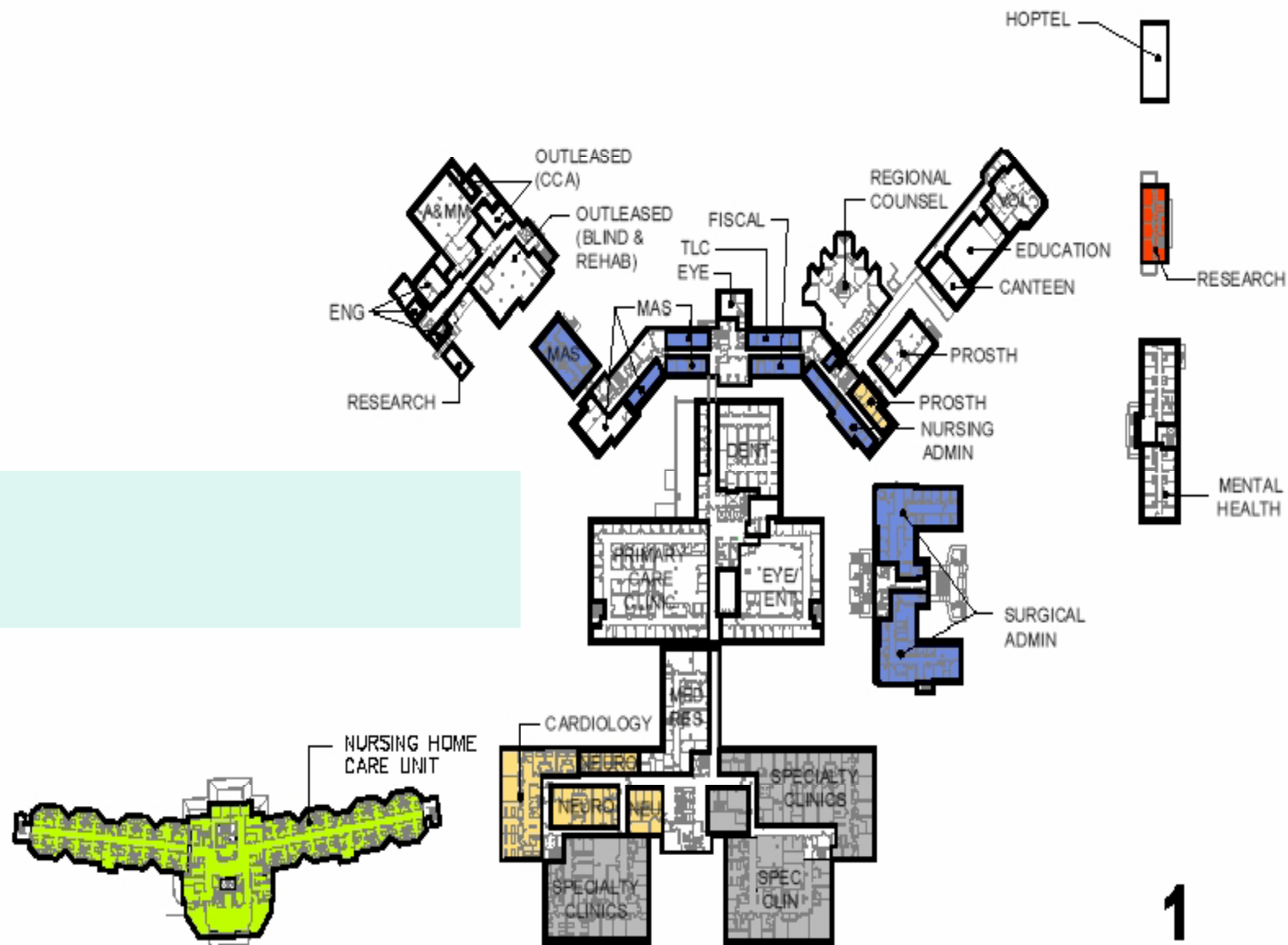
B

VA SAN FRANCISCO MASTER PLAN OPTION 1: BASEMENT



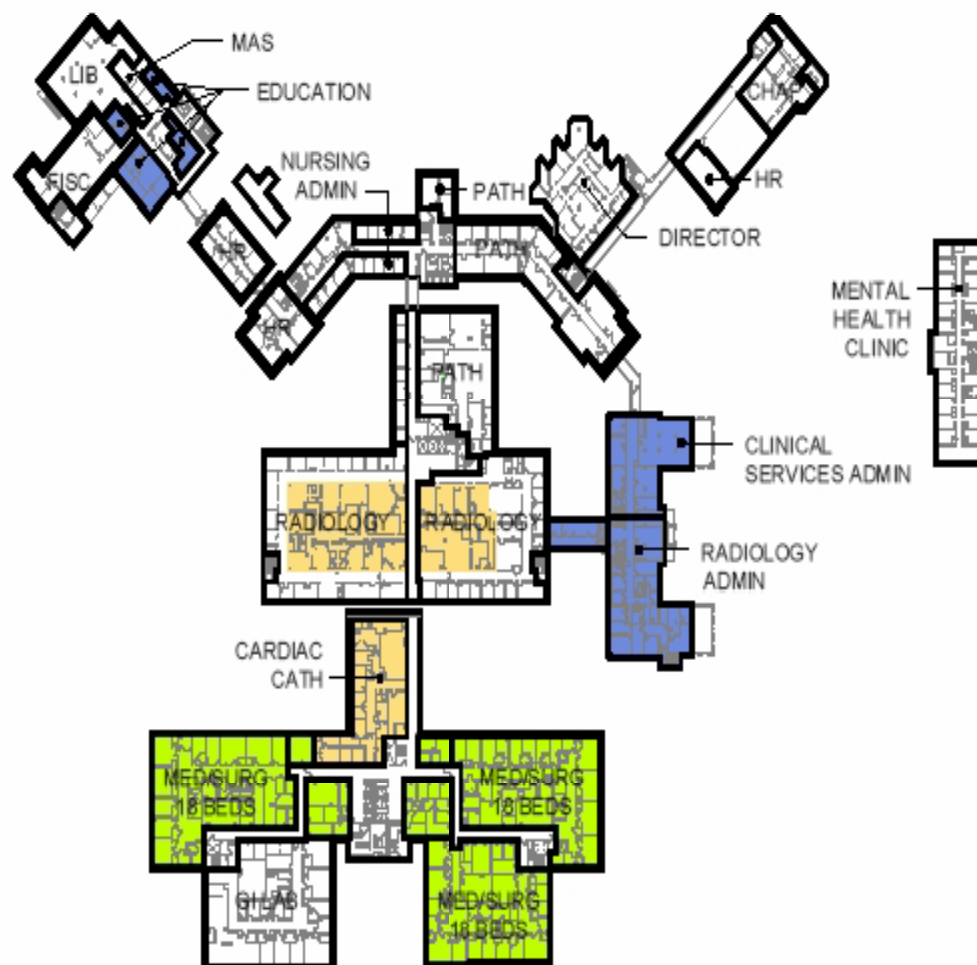
G

VA SAN FRANCISCO MASTER PLAN
OPTION 1: GROUND FLOOR



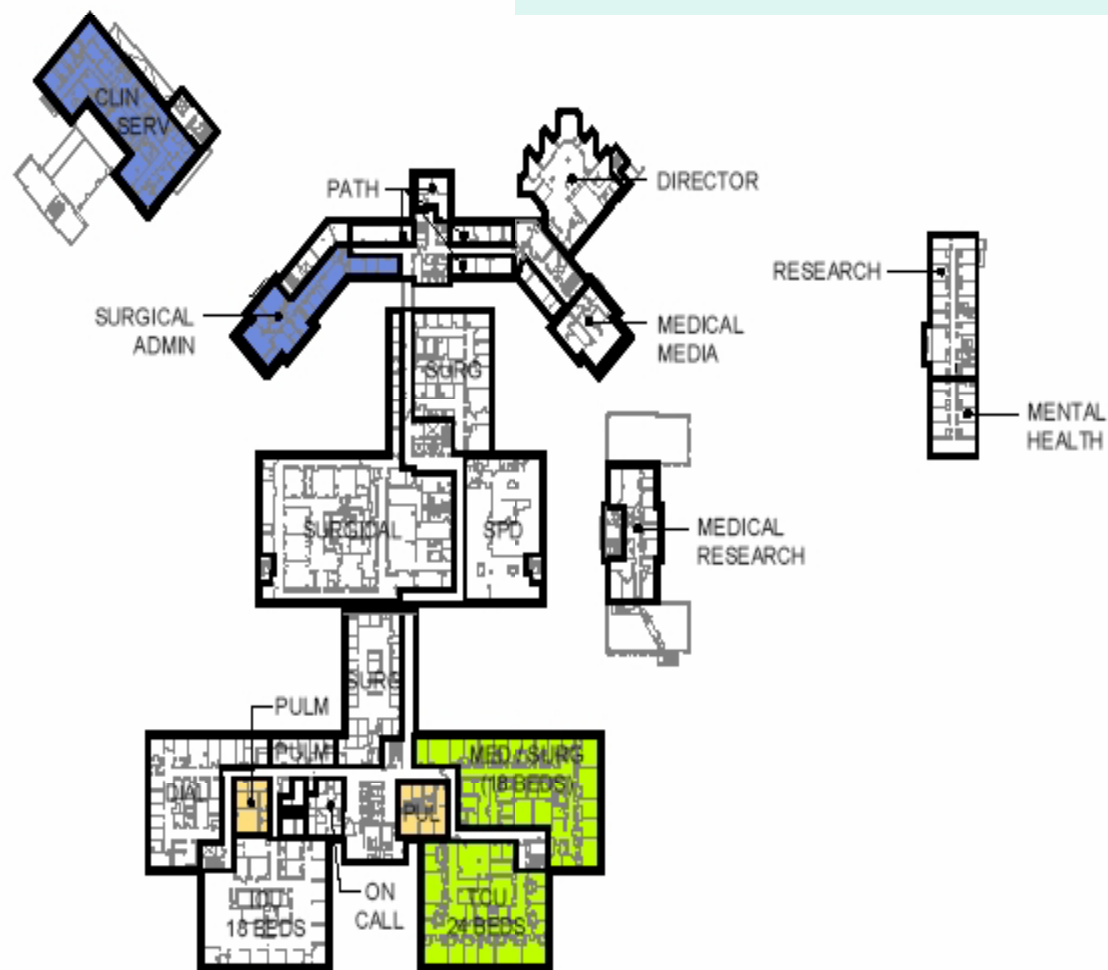
1

VA SAN FRANCISCO MASTER PLAN
OPTION 1: FIRST FLOOR



2

VA SAN FRANCISCO MASTER PLAN OPTION 1: SECOND FLOOR

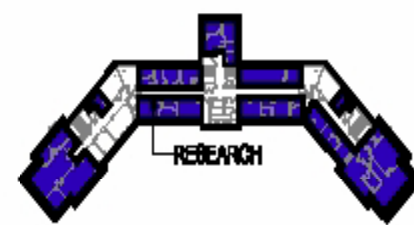


3

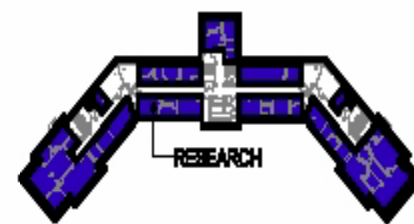
VA SAN FRANCISCO MASTER PLAN OPTION 1: THIRD FLOOR



6




5



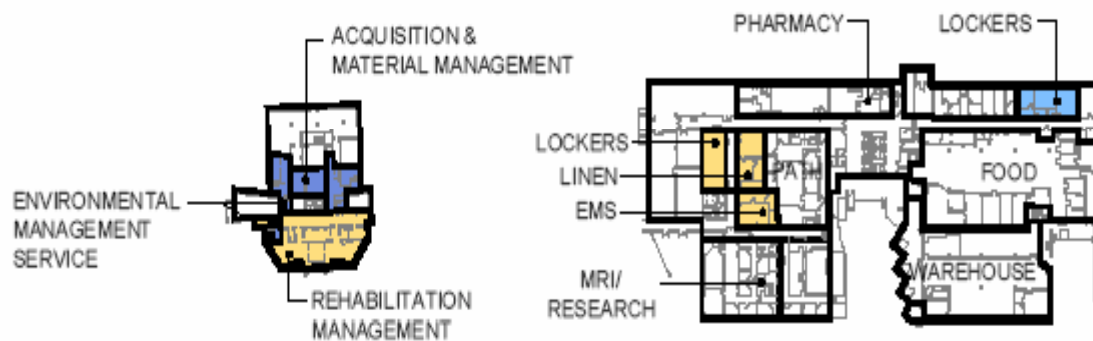

4

VA SAN FRANCISCO MASTER PLAN
 OPTION 1: FOURTH, FIFTH & SIXTH FLOORS
 FOR AN EXPANSION WITHIN BUILDING 200

RESIDENTIAL

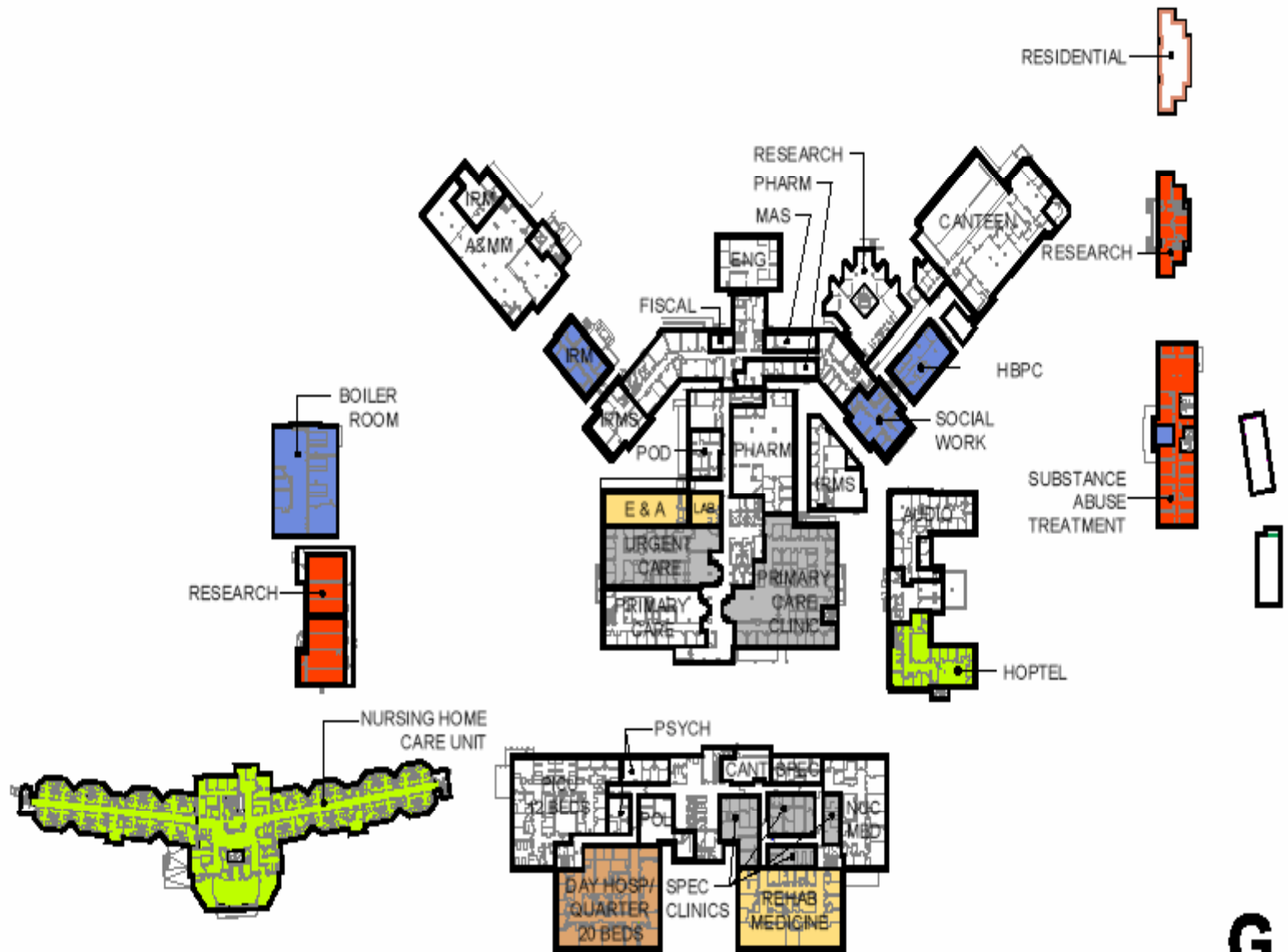


RESEARCH



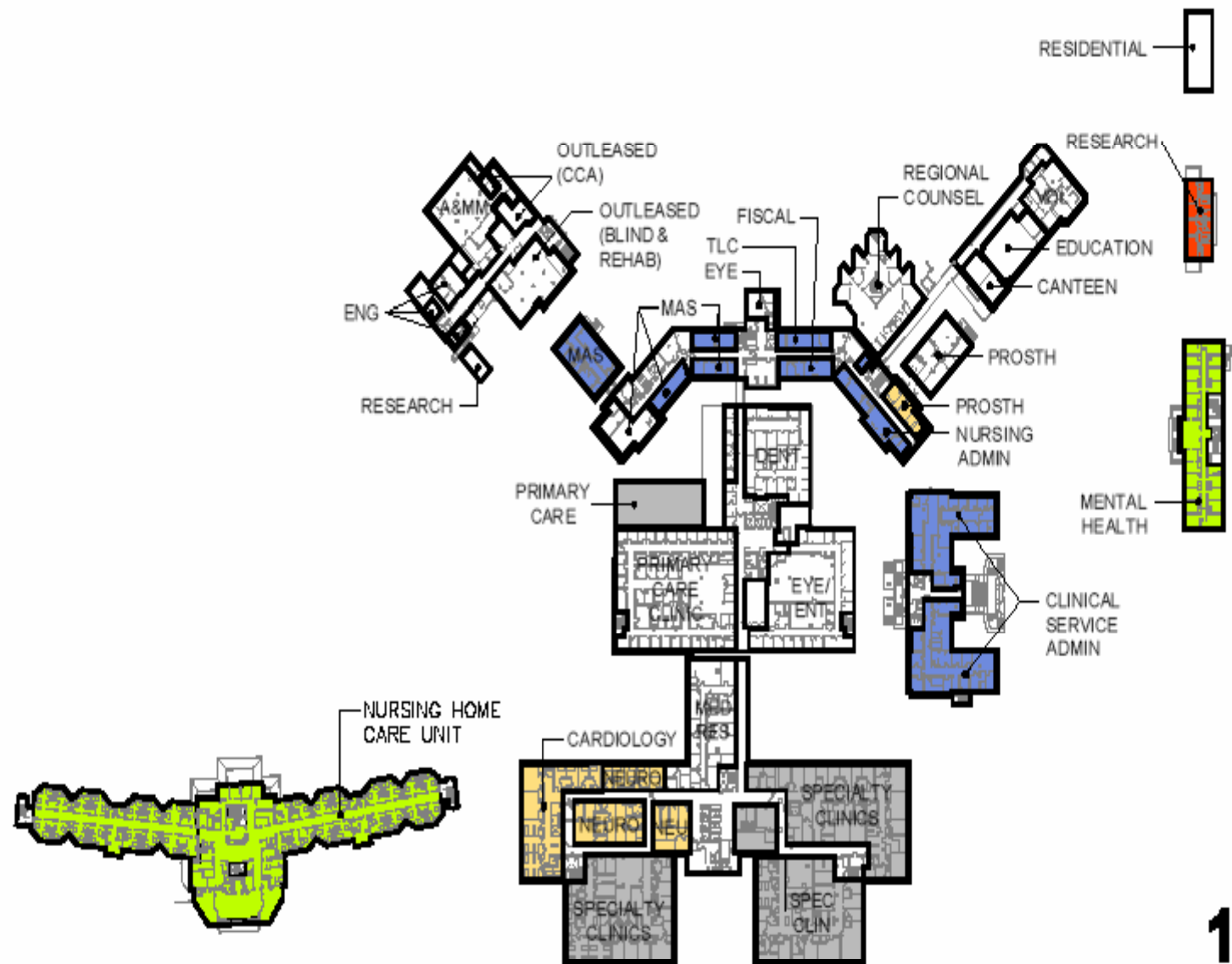
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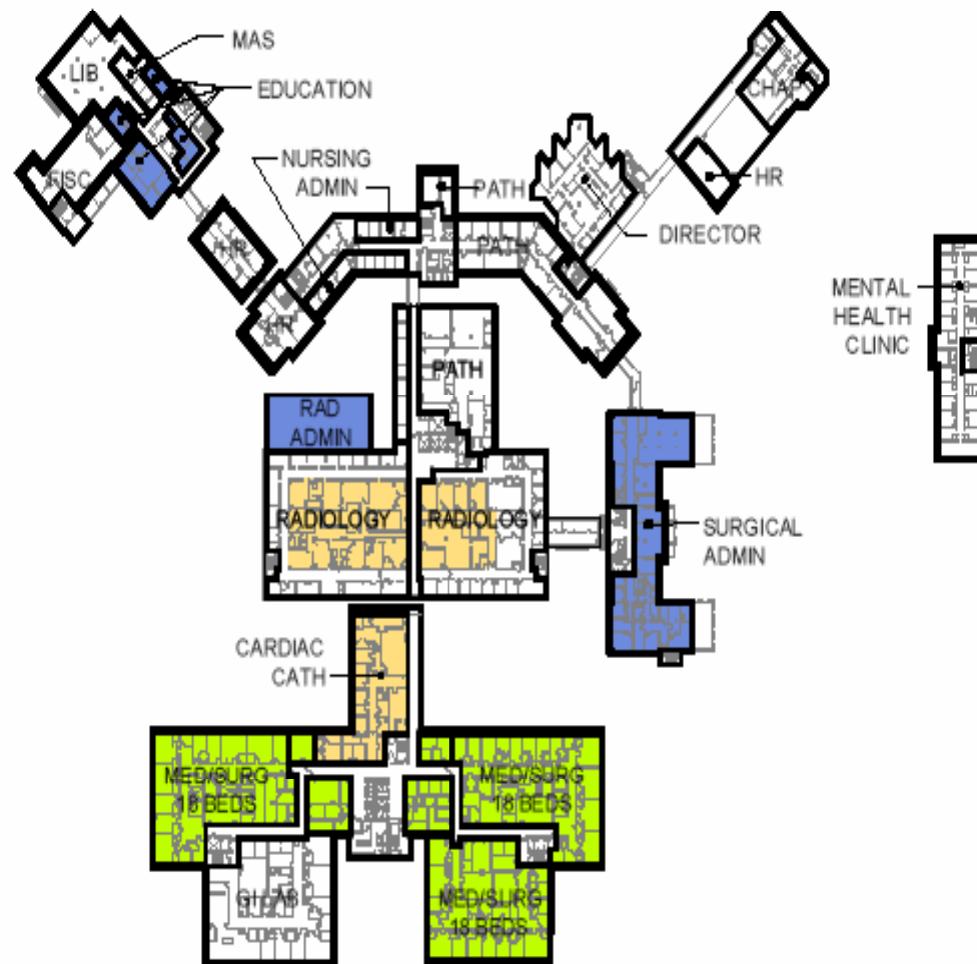
VA SAN FRANCISCO MASTER PLAN OPTION 2: BASEMENT



G

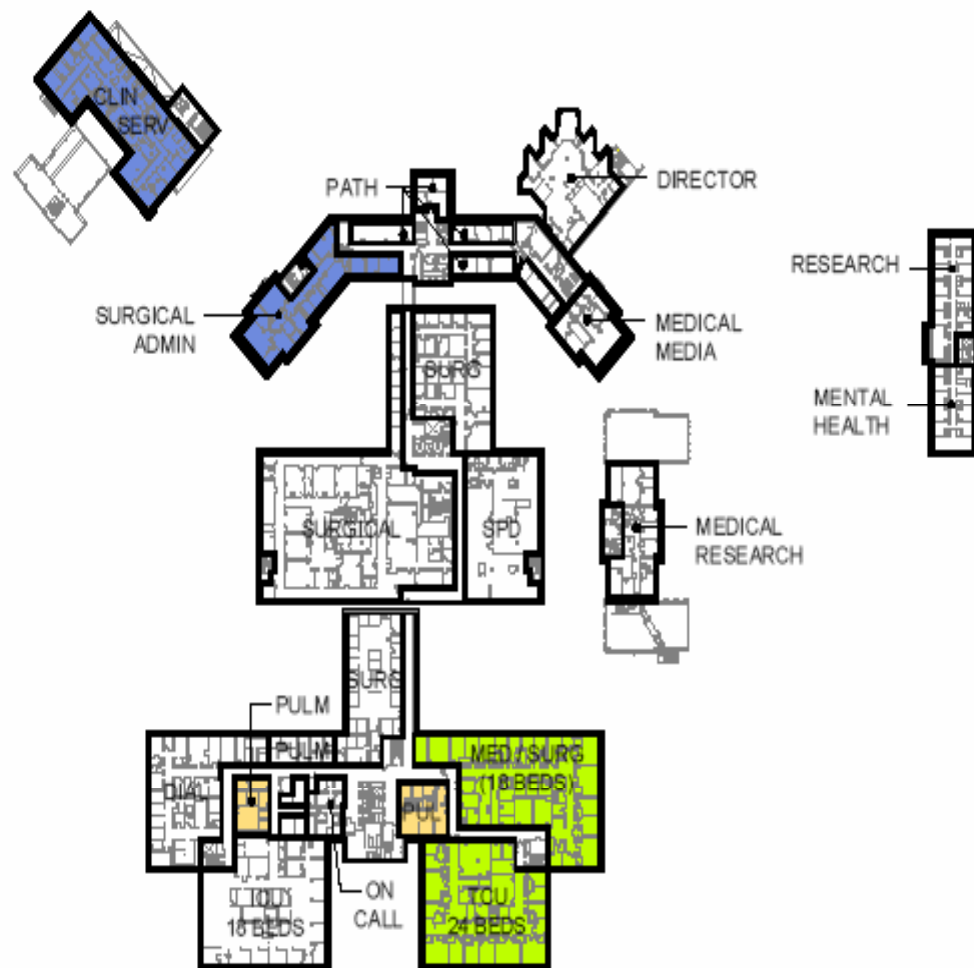
VA SAN FRANCISCO MASTER PLAN
OPTION 2: GROUND FLOOR





2

VA SAN FRANCISCO MASTER PLAN OPTION 2: SECOND FLOOR



3

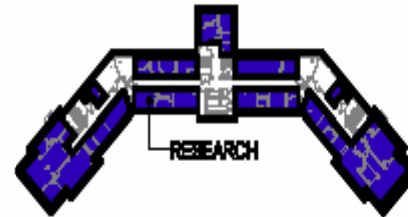
VA SAN FRANCISCO MASTER PLAN OPTION 2: THIRD FLOOR



6



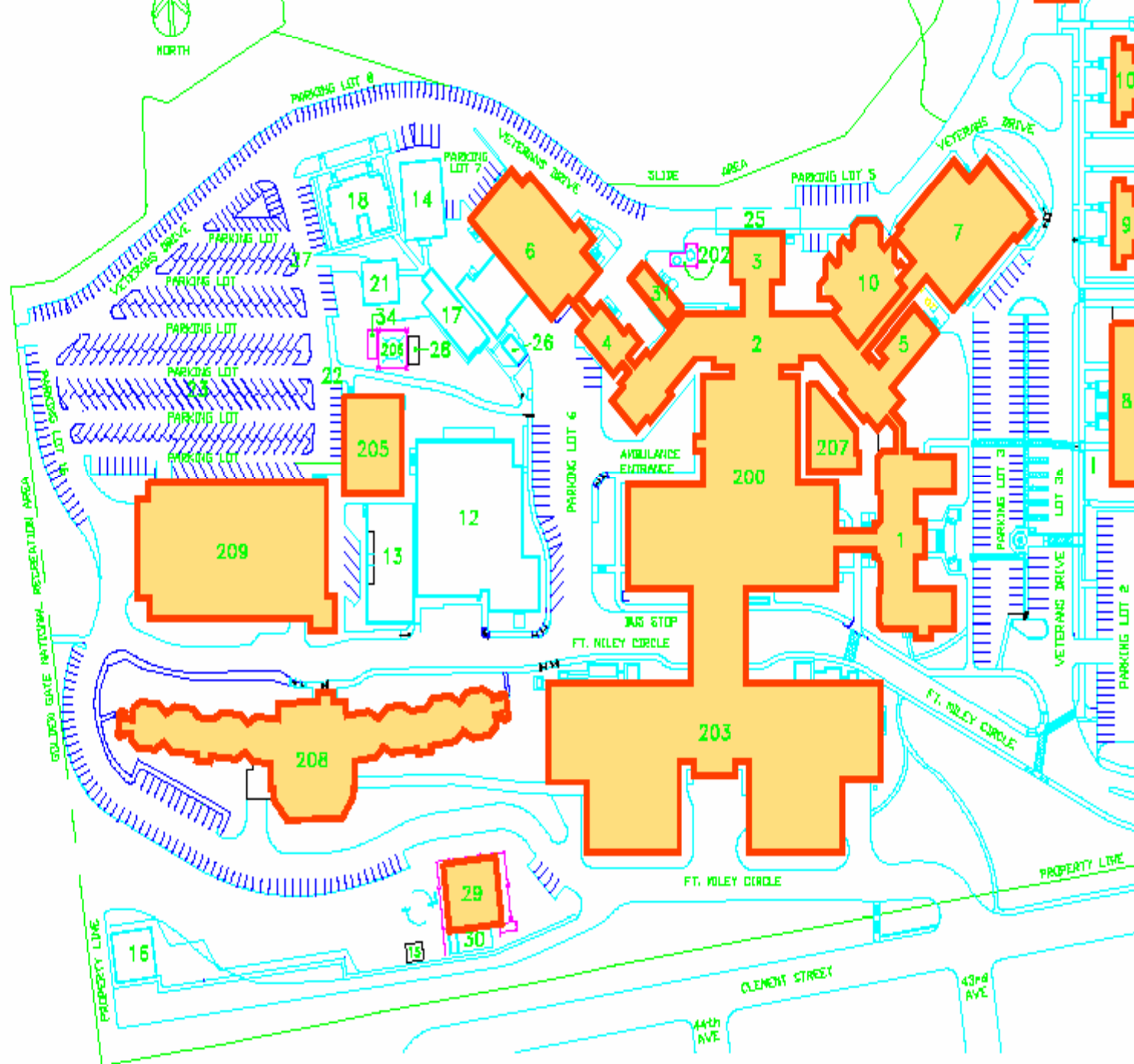
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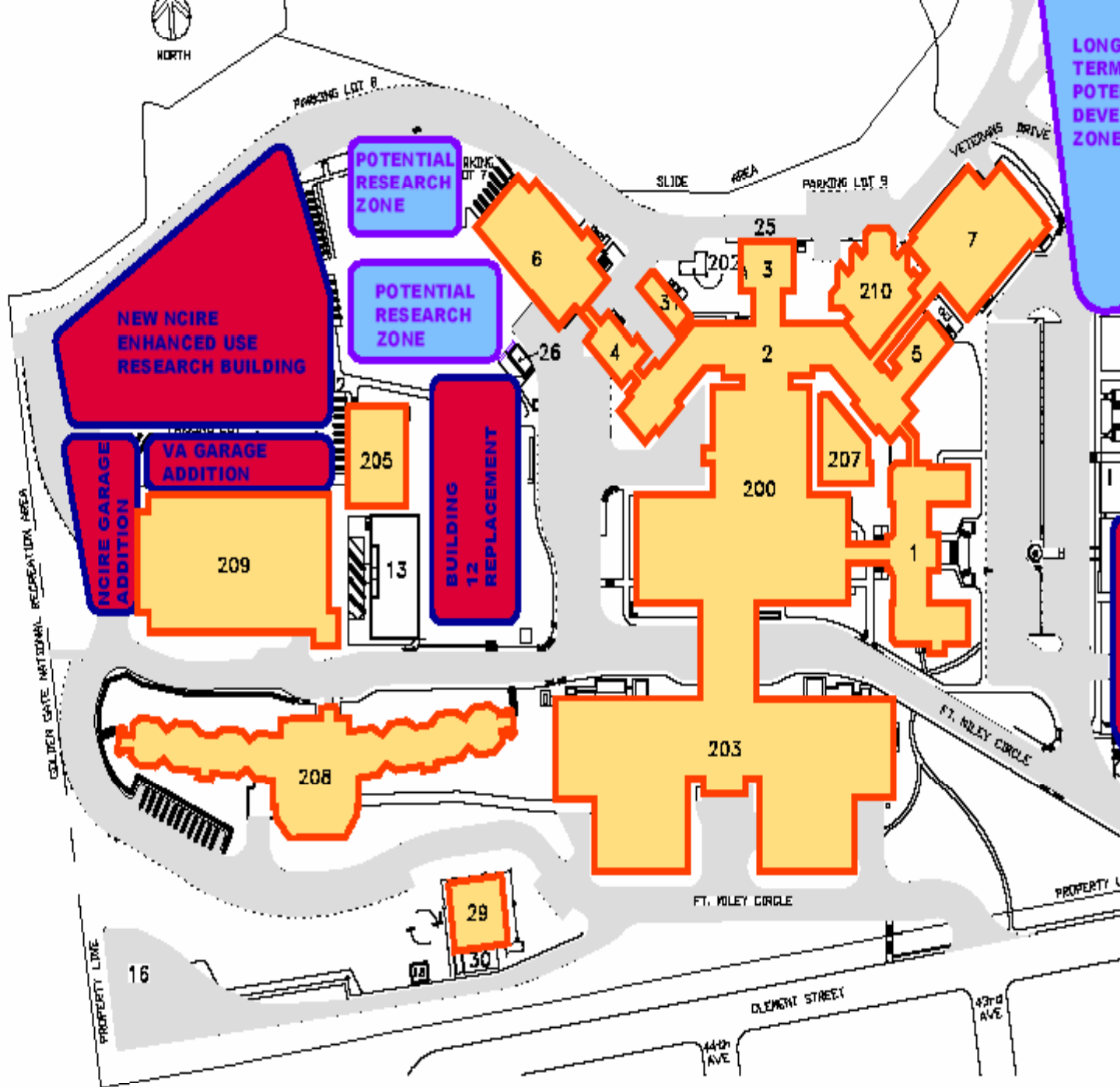
4

VA SAN FRANCISCO MASTER PLAN
OPTION 2: FOURTH, FIFTH & SIXTH FLOORS





VA SAN FRANCISCO MASTER PLAN



LONG
TERM
POTE
DEVE
ZONE

PROJECTS

Project Description	CURRENT STATUS
for PBX System Upgrade	
for Second CT, Bldg. 200	
tenant improvements for 3rd & Harrison	
d for Hawkeye Equipment	
/ed. Gas Panel in GI	
lined Window in Door	
ges (CO-4, SA-D, SA-O)	
for IR / Fluoro, Bldg. 200	
Windows, Bldgs. 1, 8, 9, 10, 11, and 208	
Bldg. 3 Basement (install chiller), GI Endoscopy	
n (separate clean and dirty scopes), Bldg. 203,	
4 (replace ventilation)	
Access (Phase I & II)	
	Estimated Budget:

ENVIRONMENTAL IMPROVEMENT PROJECTS

Project Description	CURRENT STATUS
Bldg. 9 & 10	
Master Plan	
Metasys System	
Demarc Equip. & Operators, Bldg. 200	
Hot Water Heaters, Bldg. 203	
Stairs Bldg. 1 (center), and 7	
Support Space Renovation, Bldg. 203	
Safety Upgrade, Bldgs. 1, 7, 8, 12, 200	
Infusion Center Bathroom Bldg. 203 and	
Stairs Bldg. 200 and 203	
for Accudose, Bldg. 203	
Immunology & Radiology Inpatient Waiting Area, Bldg.	
Bldgs. 2, 6, 12	
Dr. Smith's Lab	
Exam Rooms B-8 (Mental Health) Convert Wet Lab	

Project Description	CURRENT STATUS
rior Bldg. 13	
for Temporary Cath Lab Trailer	
Closet Correction, Bldg. 200	
ion Patient Care Rooms, Bldg. 203	
vironment, Bldg. 208	
l Drainage Piping for HDU, Bldg. 203	
kers, Bldg. 203	
oved Base, Bldgs. 2, 7 and 200	
condary Pneumatic Tube System Blower, Bldg.	
dd 1A Tube Station, Bldg. 203	
Windows, Bldgs. 208 (Phase I)	
	Estimated Budget:

PROJECTS

Project Description	CURRENT STATUS
Relocation	Submitted to VI SN-21 CAM
Controlled Substance Vault	for the 5-Year Capital Investment Plan
200/203 Lobby & Exterior Plaza	" "
Relocate Cast Clinic, Bldg. 203	" "
Improvement - Rad. Bsmt Bldg. 203	" "
Windows, Bldgs. 1, 8, 9 & 10	" "
ump & Stairs Bldg. 16	" "
& Corridor Connection for Bldg. 16	" "
chen Floor, Bldg. 203	" "
nroom Upgrade, Bldg. 203	" "
roofing Bldgs. 3 & 25	" "
sework with Grossing Station	" "
Road Repair - Phase 1	" "
ppgrade, Phase II	" "
Orthodic Lab Restroom, Bldg. 5	" "

Project Description	CURRENT STATUS
Nursing Stations, Bldg. 208	Submitted to VI SN-21 CAM
A-109 into 2 Dressing Rms in Rad.	for the 5-Year Capital Investment Plan
E&A Reception	" "
E&A Central Access	" "
2nd & 3rd Flr corridors, Bldg. 203	" "
B-D Lab, Bldg. 200	" "
d Reception Renovation, Bldg. 200	" "
of Main Reading Room, Bldg. 200	" "
Bldg. 2 & 5 Prosthetics	" "
Access - Phase I I I	" "
pgrade, Bldg. 207	" "
Emergency Generator, Bldg. 203	" "
Piped Medical Gases, Bldg. 208	" "
Road Repair - Phase 2	" "
urity Upgrades, Alarms & CCTV	" "
	Estimated Budget:

Project Description	CURRENT STATUS
io Enhancement, Bldg. 208	Submitted to VI SN-21 CAM for the 5-Year Capital Investment Plan
E&A Office& Exam	
st and Ground Flr corridors Bldg 203	
Renovation, Bldg. 1 3rd floor	
2nd. Fl., Bldgs. 200 Radiology	
Relocate RN Training Room B203	
Relocate Surgical Residents, Bldg. 203	
oking Porch Vestibule, Bldg. 208	
Access - Phase I V	
Bldg. 1, 2nd. Fl., Research Space	
Improvement - Nuc Med & Derm Research	
Bldg. 31 for New Occupancy	Estimated Total:
Inpatient 2010	Submitted to VI SN-21 CAM for the 5-Year Capital Investment Plan
Outpatient 2010	
Infrastructure 2010	
Research 2010	
Other 2010	
	Estimated Total:
Inpatient 2011	Submitted to VI SN-21 CAM

Project Description	CURRENT STATUS
MRI Research Center	
Provide 2nd Cath Lab	
E&A Expansion	
Clinical Support Annex	
300 Stall Parking Addition	
Research Annex	
Replace/Retrofit Bldgs 9, 10, 11 & 13 (EHR)	
Ground and First Floor Renovations (Skilled n, PI CU and OPT Medical Clinics)	
um Facility	
Replacement Bldg 5 & Seismic Retrofit Bldg 7	

Project Description	CURRENT STATUS
Renovation for Specialty Clinic Expansions 1st floors	
Research Bio/Wet Labs - Bldg 2	
Temporary Research B-16 Annex	
Functional & Technical Upgrade	
Research: CRC and GRC Programs	
Replace B-3 & Seismic Retrofit Bldg 18	
200 - Functional & Technical Upgrade	
Retrofit High Risk Bldgs - Various	

FOR CONSTRUCTION PROJECT APPLICATION (\$ > 7.0M)

Project Description	CURRENT STATUS
Seismic Retrofit/Patient Privacy Bldg. 203	Under Construction!!
Seismic Retrofit/Replace Bldg. 1,6,8,12	Application for the project was resubmitted to VACO Mar 28, 2006
Improve Campus Accessibility by Eliminating Parking Deficiencies	Concept Paper on the project was submitted to VACO Feb 28, 2006
New 165,000 gsf Research Building	Concept Paper on the project was submitted to VACO Feb 28, 2006

Project Description

Research Complex and on-site Parking Garage

CURRENT STATUS

Awaiting OAEM & VACO approval and viable business case.



Project Description / Location	CURRENT STATUS
era-(replace Trionix) / GB-62, Bldg 203	
-->3T MRI / BA-30, Bldg 203	
TCU monitoring / Bldg 203 3A & 3B	
armacy Robotics / 3B-40, Bldg 203	
t / 3A-156, Bldg 200	
/ /2B-10, Bldg 203	
ion / All clinical areas	
er / 2A-143-bldg 200	
ok-Chill Dietetics / BB-10, Bldg 203	
/ All clinical areas	
clinical areas	

