



Guam's COVID-19 Extended Trajectory for Purposes of Intervention Efforts and Readiness Benchmarks

Governor and State Surgeon's Physician Advisory Group
COVID-19 Unified Response Effort (CURE) Task Force

Drs. Michael W. Cruz, Felix T. Cabrera, & Luis G. Cruz

Bottom Line Up Front (BLUF)

Initial Attack Suppressed, Long War Ahead

- Trajectories presented from early last week focused on total COVID-19 + cases to help predict the immediate threat to Guam's civilian hospital system collapsing.
- Early interventions by GovGuam, the medical community, and our society as a whole, have successfully thwarted said initial threat.
- However, new and more sophisticated models looking primarily at the trend of hospitalized COVID-19 + patients have provided us our first full scale view of what could be Guam's war on COVID-19 over the next several weeks and months.
- Without implementing and enforcing much more strict compliance with the Governor's social distancing and stay home orders, the models clearly show Guam suffering through the greatest casualties since WWII.

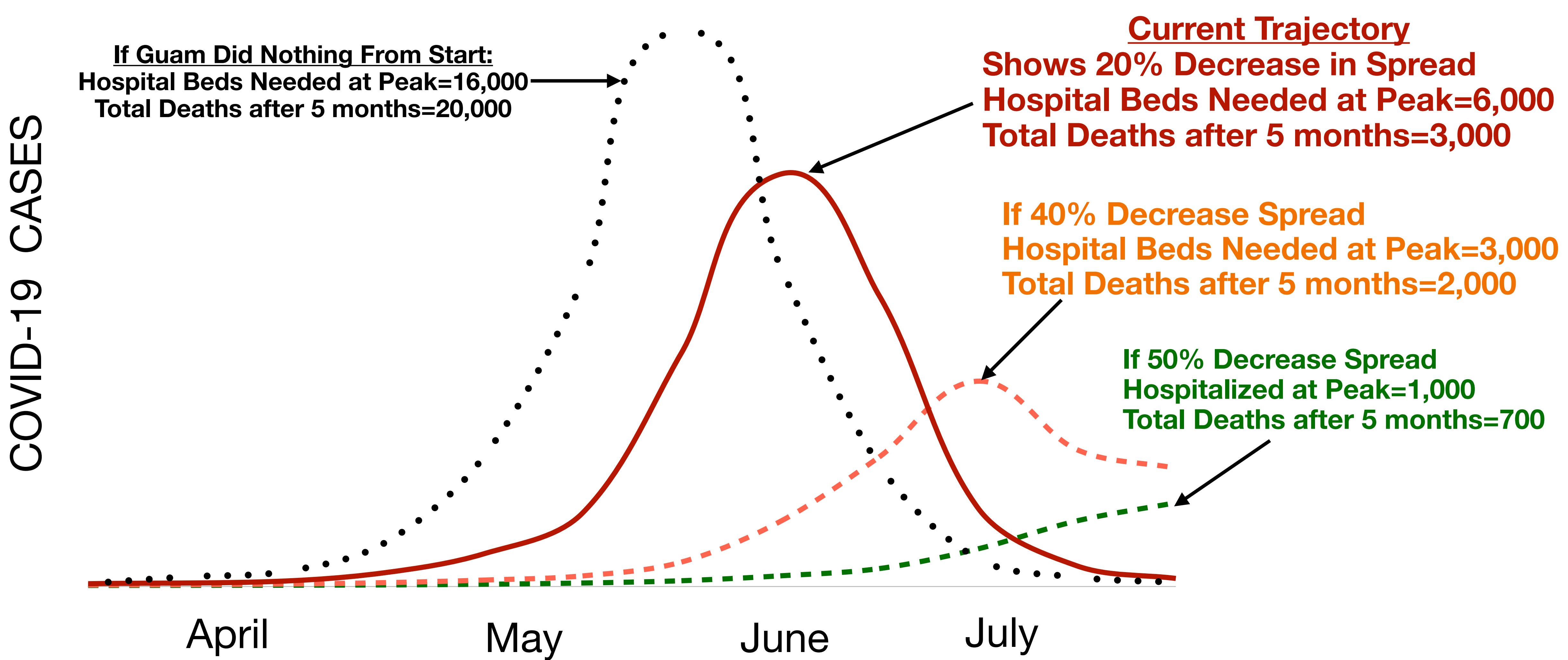
Recap of Major Dates

Date	Event
Prior to first known COVID + case on Guam	General public awareness and education regarding COVID threat and precautions
Sun, Mar 15, 2020	Three GMH patients become first positive tests reported on Guam
Mon, Mar 16, 2020	Order of schools & non-essential GovGuam closures
Thu, Mar 19, 2020	First major travel restrictions: 1st quarantined flight
Fri, Mar 20, 2020	EO 2020-05: Non-essential service closures & Stay Home orders v1
Sun, Mar 22, 2020	1st COVID-19 related death
Mon, Mar 23, 2020	First trajectory models published
Tue, Mar 24, 2020	EO 2020-06: Stay Home orders v2 & closure of parks & beaches

4 Major Government Acts That Affect COVID-19 Spread

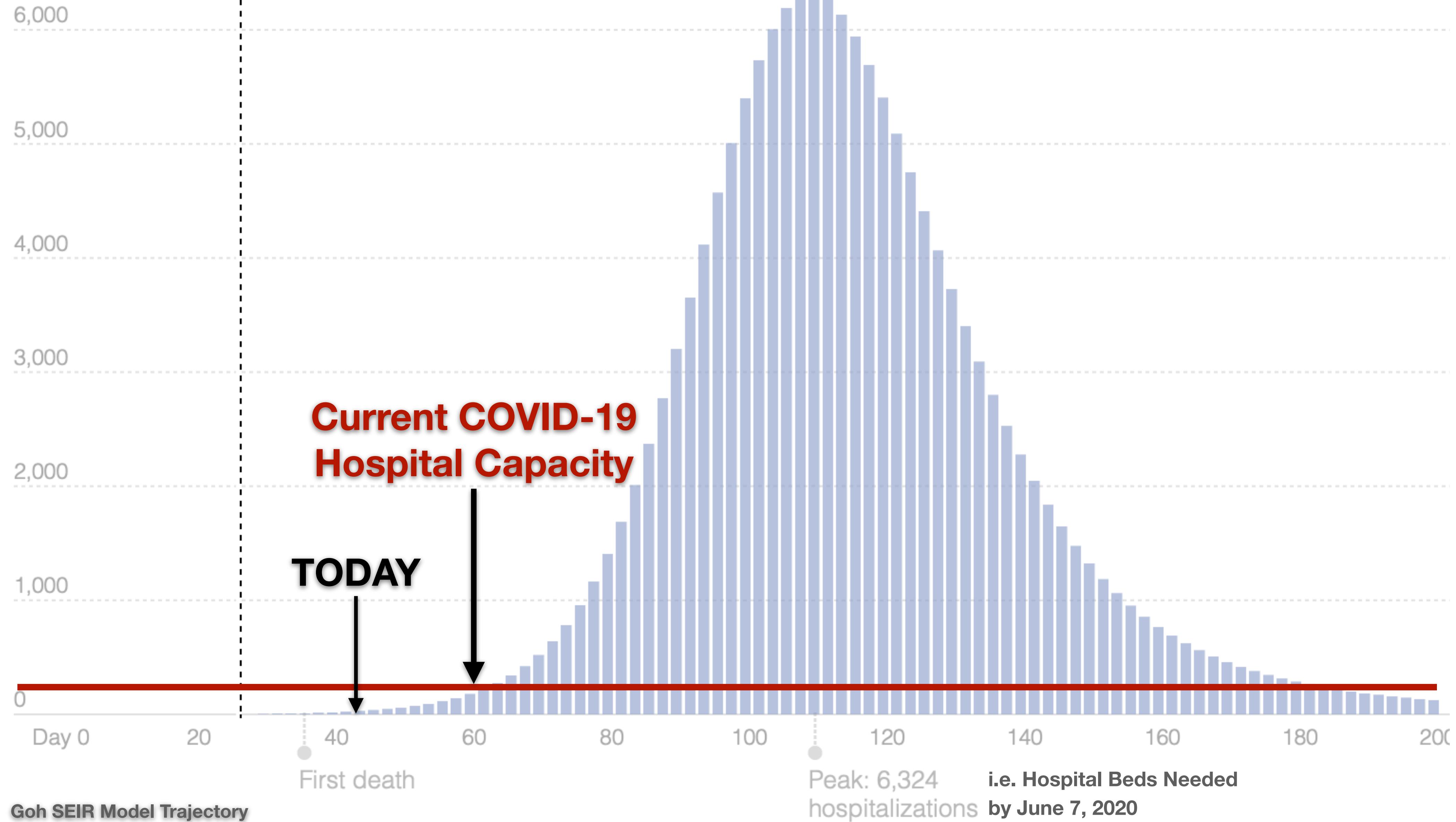
- 1. School closures:** March 16 (day after 1st known +)
- 2. Major travel restrictions:** March 19 (first quarantine flight)
- 3. Closing of all non-essential services:** March 20 (E.O. 2020-05)
- 4. Stay at Home Orders:** March 20,24 (E.O.2020-05& 06)

STAY HOME • SAVE LIVES

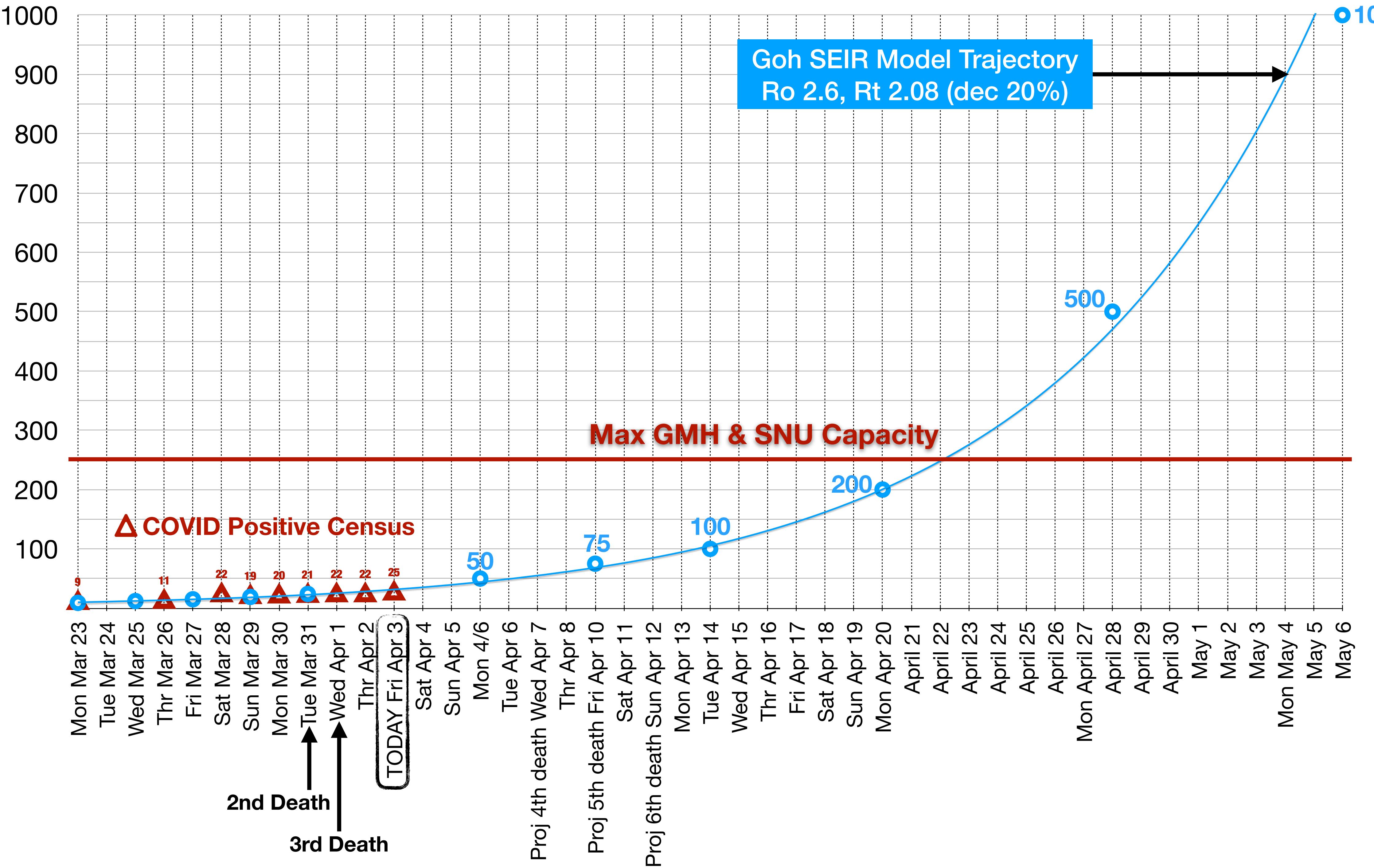


Hospitalized Census Trajectory

as of April 3, 2020



Hospitalized COVID Patients

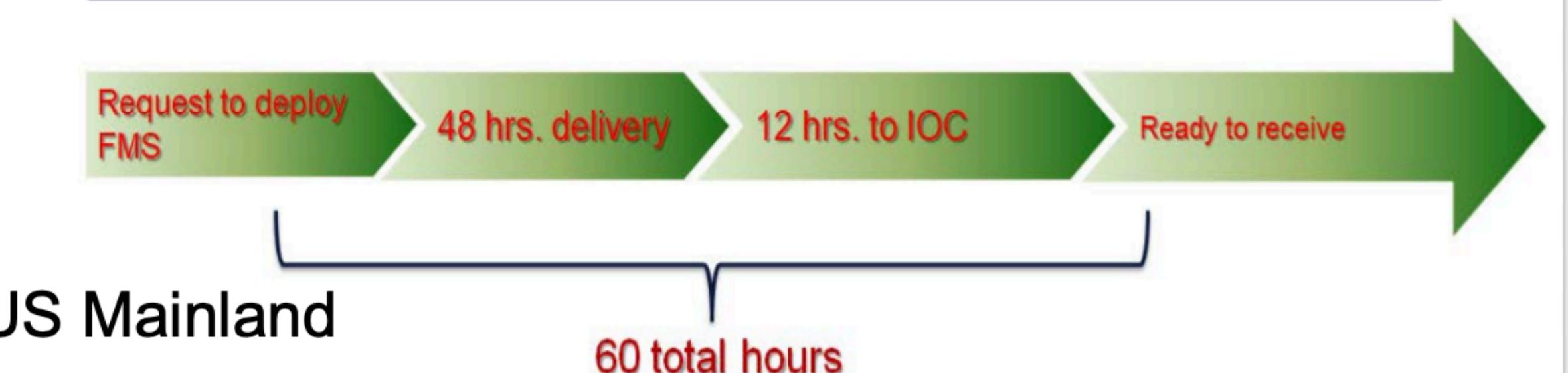


Federal Medical Station

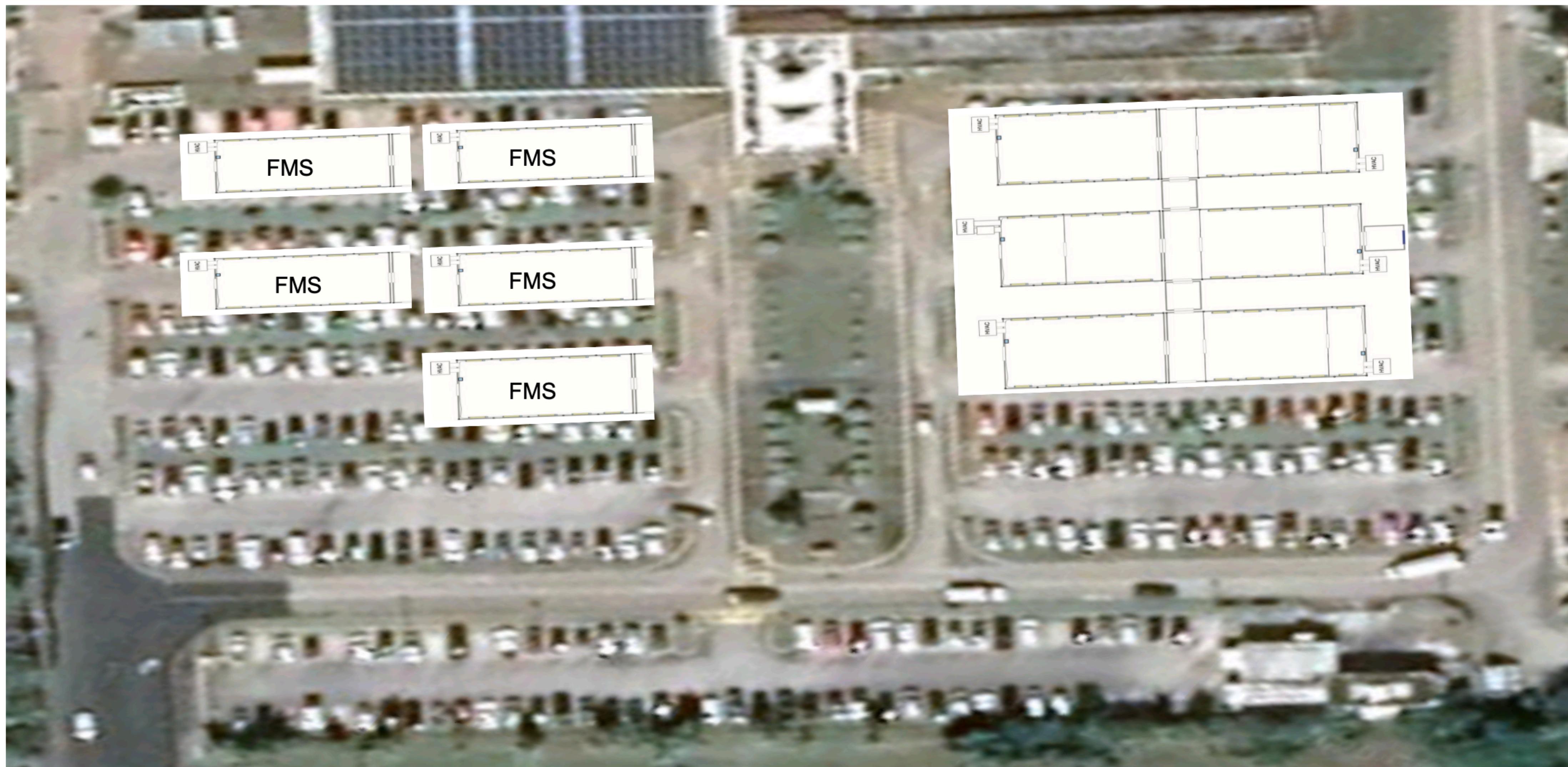
(Strategic National Stockpile)

50- and 250 - Configurations

- Primary bed in 50-bed FMS
- Adjustable back and footrest
- 1 IV pole
- 400 lb. weight capacity

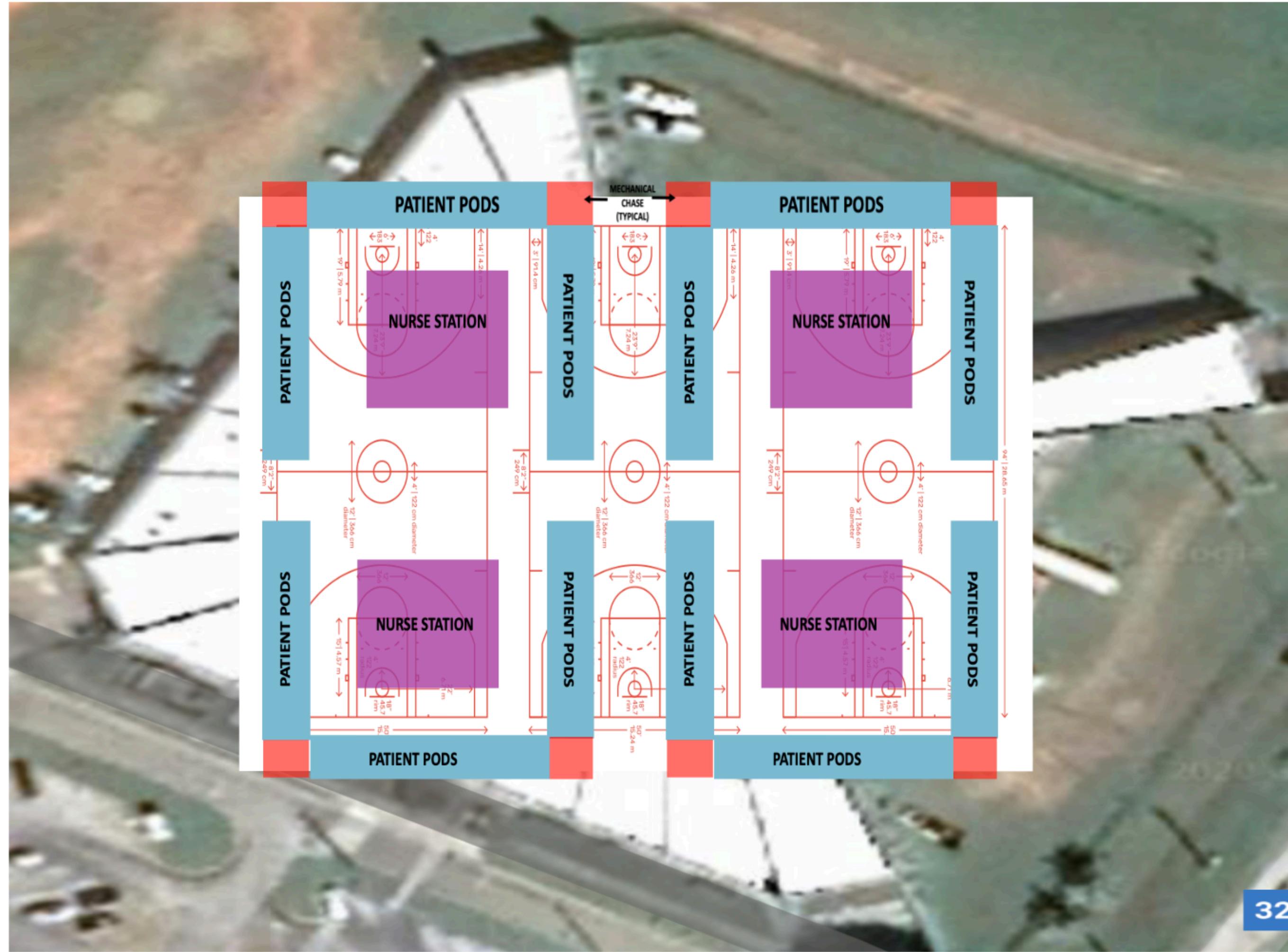


GMH Parking Lot: ~25 tents



University of Guam Fieldhouse

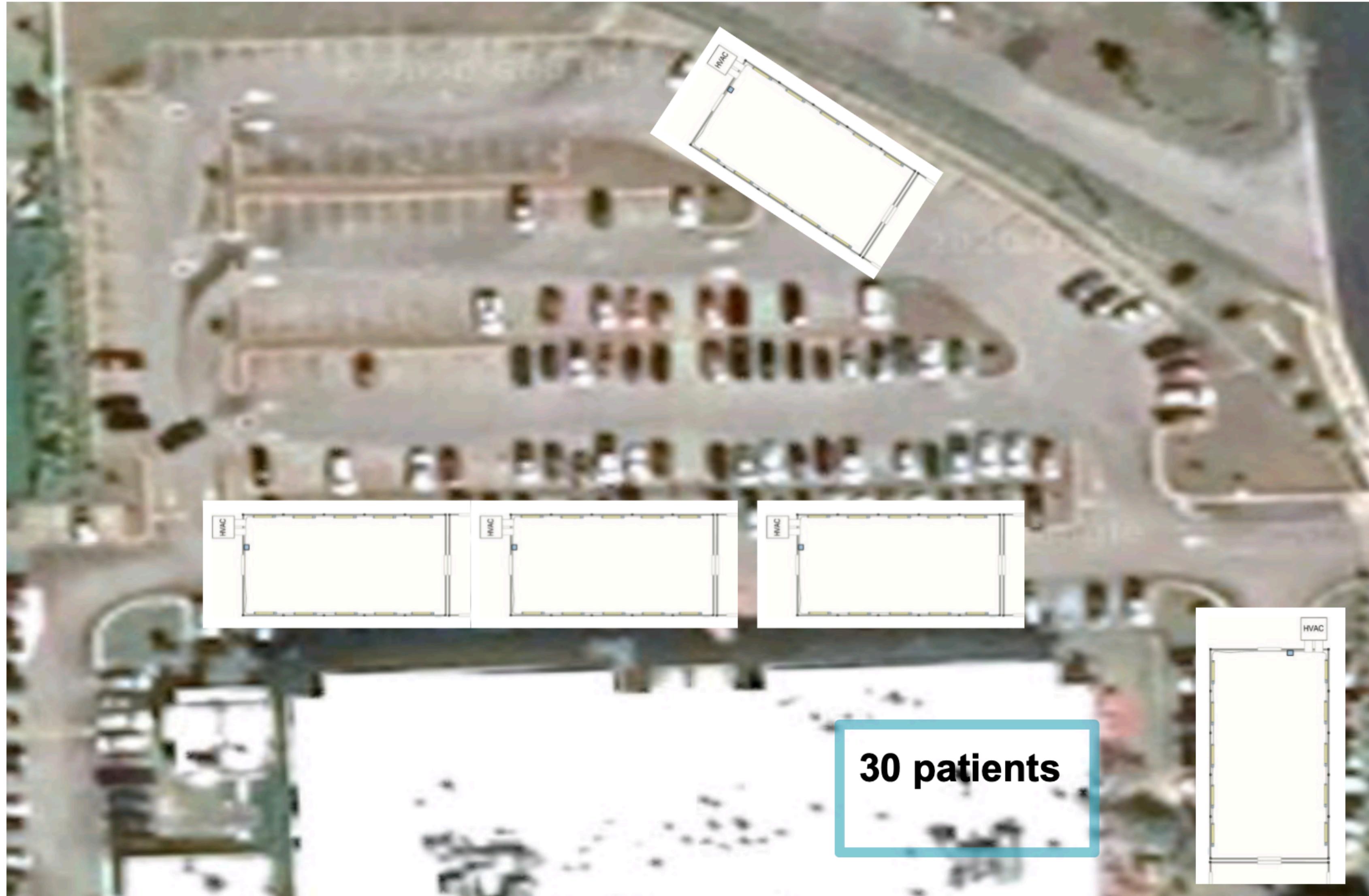
Size: 56,000 sq ft



Number of Restrooms: 4 locker rooms
Distance from GMHA: 9.4 miles
Distance from GRMC: 8.9 miles
(22 min drive)
Backup Generator Capabilities: yes



Guam Surgicenter + Parking Lot



Building:

- Surg - 30 pts
- Space - 15 pts

Parking lot: 150 pts

Total = 200 pts

USACE module:

- 15 patients

BLU-MED:

- 10 patients

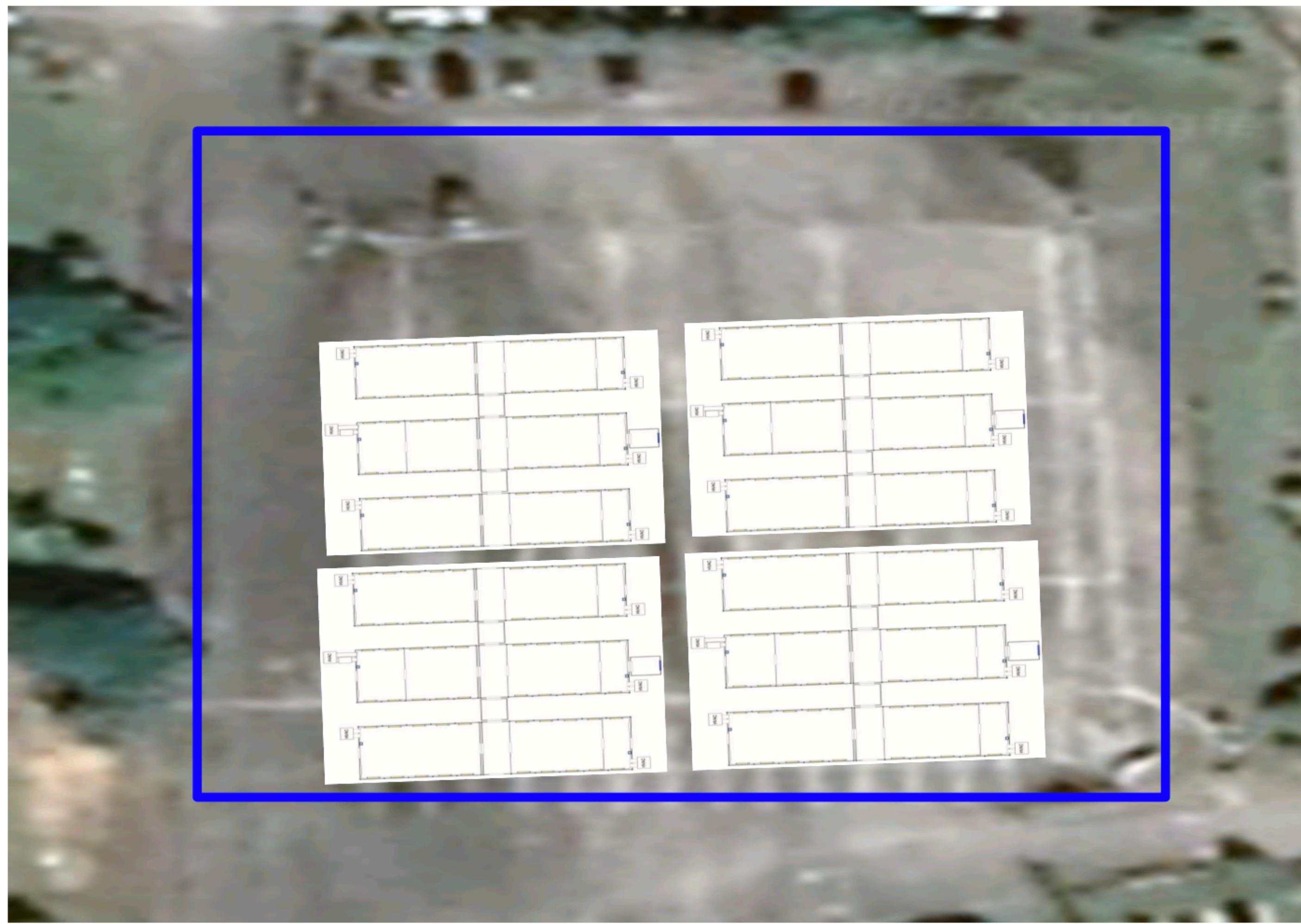
Modular Emergency Facilities



Australian Defence Force Controlled Environment Shelter Systems



Guam Greyhound Park

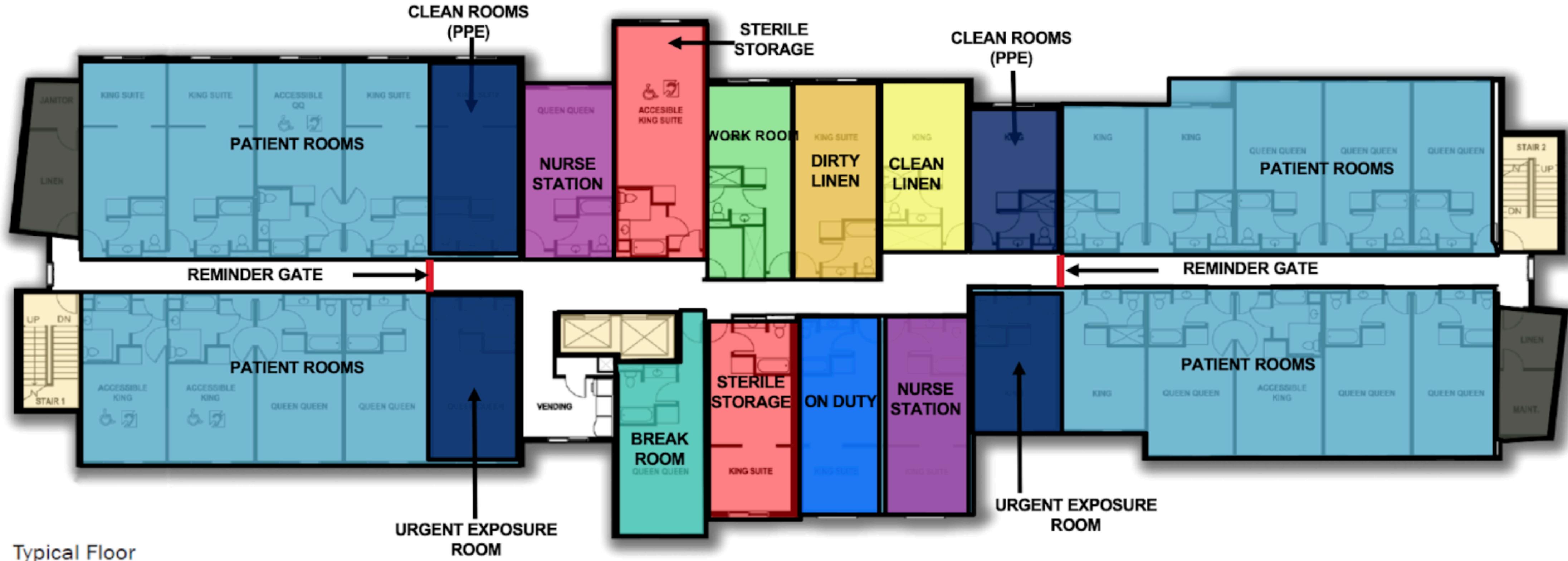


Total = 300 patient

200' x 300'



H2HC - TYPICAL FLOOR PLAN



Typical Floor

HOTEL PROVIDED

1. HOTEL WI-FI
2. HOTEL PHONE SYSTEM
3. HOTEL IN-HOUSE NETWORK/TVs
4. HOTEL ICE MACHINE/VENDING
5. HOTEL PACKAGED HVAC

ENGINEERING CHANGES

1. MODIFIED ELEVATOR CONTROLS

STANDARD DESIGN

*COVID
Non-COVID
Scalable, Tailorable,
Site Adaptable

SPECIAL MEDICAL EQUIPMENT

1. NURSE CALL
2. STORAGE SHELVING
3. WORKSTATIONS
4. MED DISPENSING UNITS
5. # VENTILATORS / FLOOR
6. "CRASH" CART / FLOOR
7. REMINDER GATES
8. EYE/HAND WASH STATIONS

Medical Barge Concept - 332 Beds

