



A2HC ACUTE SITE SELECTION BUSINESS RULES CHECKLIST (Arena/Open Area to Health Care)



Facility Name:
Facility Address:
Facility Description:
Supporting Hospital:

Evaluator Name:
Evaluation Date:
Does Facility Meet All Mandatory Requirements? (Y/N)

	Business Rule	What does this mean?	Mission Impact	Schedule Impact	Impact if not provided?	Meets Rqmnt?
Mandatory Requirements	Sprinkler System	Bldg must have complete operational sprinkler system compliant with local fire codes	H	H	COVID-19 (General Care)* - Nonnegotiable - must be fully sprinklered	
	Fire Alarm System	Bldg must have a complete operational interior fire alarm system compliant with local fire codes. The fire alarm system must be arranged to transmit alarm automatically to notify the fire department.	H	H	COVID-19 (General Care)* - Nonnegotiable - must have a complete fire alarm system	
	Asbestos/Mold/Lead Free	Bldg must be asbestos/mold/lead free. Rough assesment for asbestos/lead base on bldg age	H	H	COVID-19 (General Care)* - Nonnegotiable - must be asbestos/mold/lead free	
	General Site	Site must comply with the Architectural Barriers Act (ABA) and Americans with Disabilities ACT (ADA)	H	H	COVID-19 (General Care)* - Civil rights laws cannot be waived during emergencies	
	General Site	Bldg should not have structural issues or be in a state of unsafe disrepair	H	H	COVID-19 (General Care)* - Nonnegotiable - building must be structurally sound	
	Exits	Not less than two exits must be provided for each story and compliant with local fire codes	H	L	COVID-19 (General Care)* - Nonnegotiable - must have not less than two exits per story	
Preferred Features	Fire Extinguishers	Fire extinguishers must be provided and compliant with local fire codes	H	L	COVID-19 (General Care)* - minimal cost/schedule impact if not provided	
	Available Space	Ideal space capable of facilitating a minimum of 1000 beds	M	L	COVID-19 (General Care)* No impact to construction schedule/potential impact to bed requirement mission-expectations	
	HVAC - Heating and Cooling	Central AHU systems must be able to maintain 65 deg F for heating and 72 deg F cooling to ensure make-up air into the pods can sufficiently cool. If Isolation pods have dedicated cooling (e.g. Split units), the design space temperature for the arena can be raised to 75 deg F.	M	M	COVID-19 (General Care)* - Insufficient heating capability may require additional patient blankets etc. Should not be an issue unless heating capability is less than 65 deg F. - insufficient cooling may require supplemental CRAC units or other supplemental space cooling.	
	HVAC - Makeup Air	Air handling units must be capable of supporting the additional fresh air needed to make-up for the isolation tent exhaust air (estimated at 200 cfm per isolation tent (single patient). Where direct conditioning of the pods is provided for by mini-split or conditioned supply air, the exhaust air change rate may be reduced to 6 air changes per hour but not less than 100 cfm greater than the supply air to ensure space pressurization is maintained.	M	M	COVID-19 (General Care)* - "likely" a non-issue with an Arena system designed for an assembly event - may just need to increase outside air.	

Business Rule	What does this mean?	Mission Impact	Schedule Impact	Impact if not provided?	Meets Rqmnt?
Sanitary/Water	Sufficient capacity and water/sanitary hook-ups to support A2AC concept. Major demands would be to serve portable bathroom/shower trailers.	L	L	COVID-19 (General Care)* - Insufficient capacity may require use portable bathrooms with integral water/sanitary tanks. This would greatly impact operational requirements as water/sewage trucks would be needed.	
Power Capacity and Flexibility	Capacity in system to supply new loads for beds, HVAC, etc. Flexibility to connect roll-up generator to create essential electrical system and route lines into Arena.	L	M	COVID-19 (General Care)* - Utility company may need to upgrade transformer and service. Additional time and cost for Contractor to install new temporary service equipment and to route power lines into Arena.	
Life Safety Circuits	Emergency lighting, alarm and alerting systems; are on life safety generator or can be easily transferred to roll up generator.	L	L	COVID-19 (General Care)* - Rewiring may be required to intercept circuits and connect to generator life safety branch	
Proximity to Existing, Permanent Hospital (<30 minutes)	Portable equipment typically has 30 minute backup	M	M	COVID-19 (General Care)* - Additional higher-level care must be provided/significant impact to schedule - State/FEMA must understand risk associated with State/FEMA provided medical equipment	
Access to Hazard Disposal	Access to permanent/temporary facilities for med waste, sanitary, soiled linen	M	M	COVID-19 (General Care)* - Temp facilities must be constructed or contracted by state/potential impact to schedule	
General Site	Site should not be located within a Special Flood Hazard Area (SFHA)	L	L	COVID-19 (General Care)* - This will be difficult to realize in some areas	
General Site	Must walk site with building manager and engineer to understand key systems and emergency procedures for water, power, phone, internet and fire suppression systems	M	M	COVID-19 (General Care)* - This may not be realizable for all sites	
General Site	The age of the site should be less than 20 years old and built under more contemporary codes	M	M	COVID-19 (General Care)* - This may not be realizable for all sites	
General Site	Water Supply: Has municipal water supply that has adequate quality and pressure to support safe clinic/treatment operations	M	M	COVID-19 (General Care)* - This may not be realizable for all sites	
Fiber Optic Comms & Distributed Antenna System	ISP service currently upgradable to 1 Gbps and at least two different cellular providers	L	H	COVID-19 (General Care)* - Comms infrastructure upgrade required/significant impact to schedule	

Preferred Features

*COVID-19 (General Care) refers to NFPA 99 Category 2 Spaces with negative pressure isolation.