



Disaster Response + Essential Services for COVID-19 Response

Jensen Hughes services for Hospitality Conversion for Alternate Care Sites

As the impacts and implications of coronavirus (COVID-19) unfold, it is becoming increasingly important to be as proactive as possible. We are available to assist the U.S. Army Corps of Engineers (USACE), the Department of Health and Human Services (DHHS) and Federal Emergency Management Agency (FEMA) in their efforts to convert buildings into Alternate Care Sites (ACS).

Our global team, which includes the largest number of registered fire protection engineers, is ready to support you where you need us.

ALTERNATE CARE SITES (ACS) SERVICES

Our team can support the conversion of existing facilities into Alternate Care Sites across a diverse set of occupancies including:

- + Hotels
- + Assembly: Convention Centers, Arenas
- + Higher-Ed.: Residence Halls, Athletic Facilities
- + Healthcare: Shuttered Hospitals and Nursing Homes, Existing Hospitals and Nursing Homes

Services for Alternate Care Site Assessment, Implementation and Maintenance to USACE / FEMA Specifications include:

Fire Protection + Life Safety

- + Fire Protection Consulting for Facility Conversion to NFPA 99 Category 3 Standards
- + Hazardous Materials Separation and Storage Consulting
- + Code Consulting
- + Fire Hazard Analysis

Electrical Engineering

- + Primary and Backup Power Assessment
 - Existing power panel per floor/room review
 - Capability for routing and connection of emergency power
 - Sizing and hazard-resistant placement of backup power generators and transformers
- + Communication/Wi-Fi Capacity Assessment and Design Support

Mechanical Engineering

- + Patient In-Room Negative Pressure Differential Capability Assessment
 - Existing HVAC review (AHU, PTAC)
 - Existing duct static pressure capacity
 - Validate clean zones remain free from patient return air
- + Water and Sanitary Capacity Assessment
 - Connection review
 - Water heater capacity review

Structural Engineering

- + New Equipment Load Assessment
 - Rooftop AHU anchorage and load path review against existing roof capacity
 - Concentrated load review against floor capacity for patient floors
 - Anchorage of free-standing medical pods
- + Facility Robustness for Probable Natural Hazards
- + Flooding, Earthquake, Tornado and Hurricane
- + Integrated Rapid Visual Assessment for Patient Facility Vulnerability



Stadiums + Arenas

Jensen Hughes has decades of experience providing consulting and engineering services for stadiums, arenas, and other assembly sports and entertainment venue projects. We work with design architects, developers, owners and operators to solve design challenges holistically to protect lives, property and reputation. We have expertise in international codes, engineering best practices, performance-based consulting, and fire and life safety audit criteria. We can help you navigate compliance and operational objectives for the conversion of one of these facilities into an ACS.

Some of our existing and previous client worksites that could be considered for ACS conversion include:

- + Javits Center, NY
- + Dunkin Donuts Center, RI
- + Levi Stadium, CA
- + NRG (formerly Reliant) Stadium, TX
- + American Airlines Arena, FL
- + Moscone Convention Center, CA
- + T-Mobile Arena, NV
- + Gillette Stadium, MA
- + Staples Center at LA Live!, CA
- + McCormick Place, IL
- + Georgia World Congress Center, GA
- + Target Center, Minneapolis, MN

We can leverage our existing relationships and detailed knowledge of a stadium or arena to assist with conversion efforts. Additionally, we have established relationships or have acted as local Authorities Having Jurisdictions (AHJs) in many of these areas.

TRUSTED RELATIONSHIPS WITH AHJS

All facility designs are subject to compliance approval by the local Authority Having Jurisdiction (AHJ). Our engineers and consultants can leverage our existing relationships with AHJs to expedite the permitting and design process for USACE and FEMA teams. We will review your work during the design phases to verify code compliance is achieved as we work together to fight this pandemic.

Sam.gov Disaster Response Registry

- + 624230 – Emergency and Other Relief Services
- + PSC R429 – Support Professional Emergency Response
- + 541330 – Engineering Services
- + 541310 – Architectural Services
- + 541340 – Drafting Services
- + 541350 – Building Inspection Services
- + 541410 – Interior Design Services
- + 541490 – Other Specialized Design Services
- + 541990 – All Other Professional, Scientific, and Technical Services
- + Additional NAICS codes: 541380, 541690, 541715, 611430, 561621

How Can We Help You?

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