




 **LIBRARY**

CHANGES DUETO

 **INFECTIOUS** 

 **DISEASE** 

   **OUTBREAKS**  

The Coronavirus pandemic

has shown us how vulnerable the world is to harmful spreadable contaminants. Built environments used by the community need to be able to adapt to potentially long lasting ramifications across infrastructure, architecture and furniture.



Library Services

- Enhanced WiFi to reach parking lots and other outdoor spaces
- Self-service after-hours holds equipment and spaces
- Increased self-service in general, including circulating technology
- On-line card registration
- Online study and meeting room reservation systems
- Digital content books and programs and events
- Future in-person programs will have a virtual version as well
- Cooperative participation in funding and developing online programs and events
- Improved connections to useful outdoor spaces
- Continue curbside service, delivering laptops and hotspots as well as traditional collections (and configuring back-of-house space and equipment to support these services)
- Digital magazines as well – Per the REALM Project, magazine pages showed a trace amount of virus after four days.
- High and low tech virtual homework help
- Virtual Meeting Rooms
- Remote Library Admin work. Residential bandwidth can be an obstacle
- Staggered work shifts & break times
- Increased space allocations for staff workrooms
- Reworked collaborative staff work environments

Building & Operations

- Smaller service points sized for 1 staff position
- Entry and exit people counters to determine real-time occupancy
- Patron furniture designed to make one person- sized spaces
- High performance upholstery that can be easily sanitized
- Screened porches, courtyards, as well as entry plazas
- Flexibility - and reversibility - remain fundamental
- Automated entrances and doors throughout
- Cleanable building finishes everywhere
- Increase use of small mobile partitions so patrons can configure spaces separations that meet their personal expectations
- Translucent separations built in to any stationary computer workstations
- Distributed public hand cleaning stations
- Negative pressure restrooms, and other restroom changes (touch free entrance and fixtures, paper instead of electric hand dryers, etc.)
- Full toilet seats to close before flushing
- Separations between sinks or change to single stall restrooms (expensive for existing buildings)
- Full height stalls in multi-stall restrooms
- HVAC upgrades for additional fresh air and indoor air quality in general (e.g. MERV 13 filtration, higher % outdoor air)
- Air purification/sanitation (UV or ionization)
- Operable windows (ASRAE recommends conditioned air over outside air)
- Design for using library space as interim emergency communications center, cooling center, heating center, etc



Tappé Architects
has designed over 100 libraries in
the past 40 years,

including **Weymouth Public Library in Massachusetts**, completed and opening during the COVID-19 pandemic with updated precautionary measures – both from the above list and customized initiatives. Let our expertise guide you through your library construction project.



TAPPÉ
ARCHITECTS

www.tappe.com