



Post Pandemic Planning

HEALTHCARE



Everything we do and say at Stantec should help us bring to life our brand promise: **design with community in mind.**

The guidelines in this document are practical guidance for how we can create healthcare spaces that are unique and authentic, as well safe. All design concepts will inspire creative excellence and demonstrate how we adapt our safety measures to create effective and inspiring work.



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How we have adapted our spaces in

Emergency Departments

IMMEDIATE

- AHU Filtration upgrades
- Automatic Door Operators
- Automatic faucets
- Confirm essential power service to permanent or temporary critical loads
- Directional design
- Donning/ doffing spaces
- Handwashing / Sanitizing Stations / Respiratory Stations
- Handwashing Stations/ Hand Hygiene
- Identified surge capable spaces
- Shoe sanitizing stations
- Telehealth impact on space needs and design
- Temperature Screening
- Touchless Check-in Options
- Track stimulus spending and create capture strategy
- Vaccination facilities

MID RANGE

- 100% outside air
- Air pressurization changes for procedure rooms
- Airlocks & vestibules
- Antimicrobial Surfaces
- Arrival Spaces - screening capabilities
- Conference rooms sized to allow for spaced seating and lower capacities
- Containment waste flows
- ED MEP Premiums
- Explore localized modular solutions for quick crisis support
- Explore partnerships with community leaders re: shared uses schools, hotels, etc. in crisis
- Lower utilization of exam rooms
- Minimize common workplaces
- More isolation spaces
- Phone/Keys/Pens/ID Badges
- Disinfection Stations
- Population management through design
- PPE Storage & Decontamination
- Touchless Elevator Options
- Touchless Wayfinding
- UV and/or HPV deployment

LONG RANGE

- Deployment of testing facilities
- Humidification upgrades
- Increase ICU Surge Capacity
- Larger Housekeeping Spaces
- Larger queuing/separation space or direct rooming
- O2 Plant & distribution upgrades
- Private Restrooms
- Sick / Presumptive Enclosed Pre-visit Lounge
- Smart/ touchless elevators
- Analysis of community health factors (to determine where/how to invest)



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How we have adapted our spaces in **Diagnostic Imaging**

IMMEDIATE

- AHU Filtration upgrades
- Automatic Door Operators
- Automatic faucets
- Confirm essential power service to permanent or temporary critical loads
- Directional design
- Handwashing / Sanitizing Stations / Respiratory Stations
- Handwashing Stations/ Hand Hygiene
- Shoe sanitizing stations
- Telehealth impact on space needs and design
- Temperature Screening
- Touchless Check-in Options
- Track stimulus spending and create capture strategy

MID RANGE

- 100% outside air
- Conference rooms sized to allow for spaced seating and lower capacities
- Disposition Shared workspace - min. sf/ person
- Explore localized modular solutions for quick crisis support
- Phone/Keys/Pens/ID Badges Disinfection Stations
- Population management through design
- Touchless Elevator Options
- Touchless Wayfinding
- UV and/or HPV deployment

LONG RANGE

- Deployment of testing facilities
- Humidification upgrades
- Larger Housekeeping Spaces
- Larger queuing/ separation space or direct rooming
- Private Restrooms
- Sick / Presumptive Enclosed Pre-visit Lounge
- Smart/ touchless elevators
- Analysis of community health factors (to determine where/how to invest)
- Dining/Servery Protective and Separation Upgrades



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How we have adapted our spaces in

Urgent Care

IMMEDIATE

- AHU Filtration upgrades
- Automatic Door Operators
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- Confirm essential power service to permanent or temporary critical loads
- Directional design
- Handwashing / Sanitizing Stations / Respiratory Stations
- Handwashing Stations/ Hand Hygiene
- Shoe sanitizing stations
- Telehealth impact on space needs and design
- Temperature Screening
- Touchless Check-in Options
- Track stimulus spending and create capture strategy

MID RANGE

- 100% outside air
- Antimicrobial Surfaces
- Conference rooms sized to allow for spaced seating and lower capacities
- Disposition Shared workspace - min. sf/ person
- Lower utilization of exam rooms
- Minimize common workplaces
- Phone/Keys/Pens/ID Badges Disinfection Stations
- Population management through design
- Touchless Elevator Options
- Touchless Wayfinding
- UV and/or HPV deployment

LONG RANGE

- Analysis of community health factors (to determine where/how to invest)
- Dining/Servery Protective and Separation Upgrades
- Humidification upgrades
- Larger Housekeeping Spaces
- Larger queuing/ separation space or direct rooming
- Private Restrooms
- Sick / Presumptive Enclosed Pre-visit Lounge
- Smart/ touchless elevators



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How we have adapted our spaces in a **Physician Clinic**

IMMEDIATE	MID RANGE	LONG RANGE
AHU Filtration upgrades	100% outside air	Humidification upgrades
Automatic Door Operators	Antimicrobial Surfaces	Larger Housekeeping Spaces
Automatic faucets	Arrival Spaces - screening capabilities	Larger queuing/ separation space or direct rooming
Confirm essential power service to permanent or temporary critical loads	Containment waste flows	Private Restrooms
Directional design	Disposition Shared workspace - min. sf/ person	Sick / Presumptive Enclosed Pre-visit Lounge
Donning/ doffing spaces	Lower utilization of exam rooms	Smart/ touchless elevators
Handwashing / Sanitizing Stations / Respiratory Stations	Minimize common workplaces	
Handwashing Stations/ Hand Hygiene	Phone/Keys/Pens/ID Badges Disinfection Stations	
Shoe sanitizing stations	Population management through design	
Telehealth impact on space needs and design	Touchless Elevator Options	
Temperature Screening	Touchless Wayfinding	
Touchless Check-in Options	UV and/or HPV deployment	
Track stimulus spending and create capture strategy		



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How we have adapted our spaces in a **Ambulatory Procedure Center**

IMMEDIATE	MID RANGE	LONG RANGE
AHU Filtration upgrades	100% outside air	Analysis of community health factors (to determine where/how to invest)
Automatic Door Operators	Antimicrobial Surfaces	Humidification upgrades
Automatic faucets	Arrival Spaces - screening capabilities	Larger Housekeeping Spaces
Confirm essential power service to permanent or temporary critical loads	Containment waste flows	Larger queuing/ separation space or direct rooming
Directional design	Disposition Shared workspace - min. sf/ person	Private Restrooms
Donning/ doffing spaces	Lower utilization of exam rooms	Sick / Presumptive Enclosed Pre-visit Lounge
Handwashing / Sanitizing Stations / Respiratory Stations	Minimize common workplaces	
Handwashing Stations/ Hand Hygiene	Phone/Keys/Pens/ID Badges Disinfection Stations	
Shoe sanitizing stations	Population management through design	
Telehealth impact on space needs and design	PPE Storage & Decontamination	
Temperature Screening	UV and/or HPV deployment	
Touchless Check-in Options		
Track stimulus spending and create capture strategy		



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How we have adapted our spaces in a **Hospital & Acute Care**

IMMEDIATE

- AHU Filtration upgrades
- Air pressurization changes for patient rooms
- Automatic Door Operators
- Automatic faucets
- Confirm essential power service to permanent or temporary critical loads
- Directional design
- Donning/ doffing spaces
- Handwashing / Sanitizing Stations / Respiratory Stations
- Handwashing Stations/ Hand Hygiene
- Identified surge capable spaces
- Outdoor shelter for queuing
- Shoe sanitizing stations
- Telehealth impact on space needs and design
- Temperature Screening
- Touchless Check-in Options
- Track stimulus spending and create capture strategy
- Vaccination facilities

MID RANGE

- 100% outside air
- Air pressurization changes for procedure rooms
- Airlocks & vestibules
- Antimicrobial Surfaces
- Arrival Spaces - screening capabilities
- Confirm essential power service to permanent or temporary critical loads
- Containment waste flows
- Disposition Shared workspace - min. sf/ person
- Donning/ doffing spaces
- Explore localized modular solutions for quick crisis support
- Explore partnerships with community leaders re: shared uses schools, hotels, etc. in crisis
- Humidification upgrades
- Lower utilization of exam rooms
- Minimize common workplaces
- More isolation spaces
- Phone/Keys/Pens/ID Badges Disinfection Stations
- Population management through design
- PPE Storage & Decontamination
- Touchless Elevator Options
- Touchless Wayfinding
- UV and/or HPV deployment

LONG RANGE

- Analysis of community health factors (to determine where/how to invest)
- Deployment of testing facilities
- Humidification upgrades
- Increase ICU Surge Capacity
- Larger Housekeeping Spaces
- Larger queuing/ separation space or direct rooming
- O2 Plant & distribution upgrades
- Private Restrooms
- Sick / Presumptive Enclosed Pre-visit Lounge
- Smart/ touchless elevators



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How we have adapted our spaces in a **Inpatient Rehab**

IMMEDIATE

- AHU Filtration upgrades
- Air pressurization changes for patient rooms
- Automatic Door Operators
- Automatic faucets
- Confirm essential power service to permanent or temporary critical loads
- Directional design
- Handwashing / Sanitizing Stations / Respiratory Stations
- Handwashing Stations/ Hand Hygiene
- Shoe sanitizing stations
- Telehealth impact on space needs and design
- Touchless Check-in Options
- Track stimulus spending and create capture strategy
- UV and/or HPV deployment

MID RANGE

- 100% outside air
- Antimicrobial Surfaces
- Conference rooms sized to allow for spaced seating and lower capacities
- Disposition Shared workspace - min. sf/ person
- Minimize common workplaces
- Phone/Keys/Pens/ID Badges Disinfection Stations
- Population management through design
- Touchless Elevator Options
- Touchless Wayfinding
- UV and/or HPV deployment

LONG RANGE

- Analysis of community health factors (to determine where/how to invest)
- Dining/Servery Protective and Separation Upgrades
- Humidification upgrades
- Larger Housekeeping Spaces
- Private Restrooms



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How we have adapted our spaces in a **Skilled Nursing Facility**

IMMEDIATE

- AHU Filtration upgrades
- Automatic Door Operators
- Automatic faucets
- Confirm essential power service to permanent or temporary critical loads
- Directional design
- Handwashing / Sanitizing Stations / Respiratory Stations
- Handwashing Stations/ Hand Hygiene
- Outdoor shelter for queuing
- Shoe sanitizing stations
- Telehealth impact on space needs and design
- Touchless Check-in Options
- Track stimulus spending and create capture strategy
- Vaccination facilities

MID RANGE

- 100% outside air
- Antimicrobial Surfaces
- Conference rooms sized to allow for spaced seating and lower capacities
- Disposition Shared workspace - min. sf/ person
- Outdoor shelter for queuing
- Shoe sanitizing stations
- Telehealth impact on space needs and design
- Touchless Check-in Options
- Track stimulus spending and create capture strategy
- Vaccination facilities

LONG RANGE

- Analysis of community health factors (to determine where/how to invest)
- Dining/Servery Protective and Separation Upgrades
- Humidification upgrades
- Larger Housekeeping Spaces
- O2 Plant & distribution upgrades
- Private Restrooms
- Smart/ touchless elevators



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How we have adapted our spaces in a **Outpatient Rehab**

IMMEDIATE

- AHU Filtration upgrades
- Automatic Door Operators
- Automatic faucets
- Confirm essential power service to permanent or temporary critical loads
- Directional design
- Handwashing / Sanitizing Stations / Respiratory Stations
- Handwashing Stations/ Hand Hygiene
- Shoe sanitizing stations
- Telehealth impact on space needs and design
- Touchless Check-in Options
- Track stimulus spending and create capture strategy

MID RANGE

- 100% outside air
- Antimicrobial Surfaces
- Conference rooms sized to allow for spaced seating and lower capacities
- Disposition Shared workspace - min. sf/ person
- Explore localized modular solutions for quick crisis support
- Minimize common workplaces
- Phone/Keys/Pens/ID Badges Disinfection Stations
- Population management through design
- Touchless Elevator Options
- Touchless Wayfinding
- UV and/or HPV deployment

LONG RANGE

- Analysis of community health factors (to determine where/how to invest)
- Humidification upgrades
- Larger Housekeeping Spaces
- Larger queuing/ separation space or direct rooming
- Private Restrooms



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How we have adapted our spaces in **Transitional Care**

IMMEDIATE

- AHU Filtration upgrades
- Automatic Door Operators
- Automatic faucets
- Confirm essential power service to permanent or temporary critical loads
- Directional design
- Donning/ doffing spaces
- Handwashing / Sanitizing Stations / Respiratory Stations
- Handwashing Stations/ Hand Hygiene
- Shoe sanitizing stations
- Telehealth impact on space needs and design
- Touchless Check-in Options
- Track stimulus spending and create capture strategy

MID RANGE

- 100% outside airAntimicrobial Surfaces
- Conference rooms sized to allow for spaced seating and lower capacities
- Containment waste flows
- Disposition Shared workspace - min. sf/ person
- Minimize common workplaces
- Phone/Keys/Pens/ID Badges Disinfection Stations
- Population management through design
- PPE Storage & Decontamination
- Touchless Elevator Options
- Touchless Wayfinding
- UV and/or HPV deployment

LONG RANGE

- Analysis of community health factors (to determine where/how to invest)
- Dining/Servery Protective and Separation Upgrades
- Humidification upgrades
- Larger Housekeeping Spaces
- Long term care/assisted living assessments to ensure care continuity
- Private Restrooms
- Smart/ touchless elevators



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How we have adapted our spaces in **Home Care**

IMMEDIATE

- Automatic faucets
- Confirm essential power service to permanent or temporary critical loads
- Handwashing / Sanitizing Stations / Respiratory Stations
- Handwashing Stations/ Hand Hygiene
- Shoe sanitizing stations
- Telehealth impact on space needs and design
- Track stimulus spending and create capture strategy

MID RANGE

- Antimicrobial Surfaces
- Phone/Keys/Pens/ID Badges Disinfection Stations
- UV and/or HPV deployment

LONG RANGE

- Long term care/assisted living assessments to ensure care continuity



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How we have adapted our spaces in **Long Term Care**

IMMEDIATE	MID RANGE	LONG RANGE
AHU Filtration upgrades	100% outside air	Deployment of testing facilities
Automatic Door Operators	Airlocks & vestibules	Dining/Servery Protective and Separation Upgrades
Confirm essential power service to permanent or temporary critical loads	Antimicrobial Surfaces	Humidification upgrades
Donning/ doffing spaces	Conference rooms sized to allow for spaced seating and lower capacities	Increase ICU Surge Capacity
Handwashing / Sanitizing Stations / Respiratory Stations	Containment waste flows	Larger Housekeeping Spaces
Handwashing Stations/ Hand Hygiene	Disposition Shared workspace - min. sf/ person	O2 Plant & distribution upgrades
Identified surge capable spaces	ED MEP Premiums	
Larger Housekeeping Spaces	Explore localized modular solutions for quick crisis support	
Shoe sanitizing stations	Explore partnerships with community leaders re: shared uses schools, hotels, etc. in crisis	
Telehealth impact on space needs and design	Minimize common workplaces	
Temperature Screening	More isolation spaces	
Touchless Check-in Options	Touchless Elevator Options	
Vaccination facilities	Touchless Wayfinding	



FOR MORE

[stantec.com/COVID19](https://www.stantec.com/COVID19)

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