

Public Input Into Vision & Design Principles

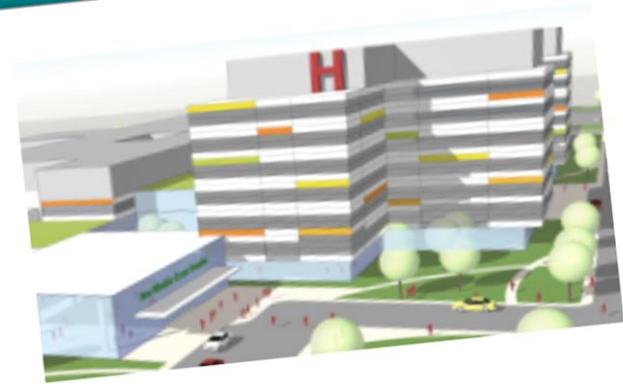
For the New Windsor/Essex Acute Care Hospital

January 6, 2022



Public Survey Overview

- Participants were asked to share their top priorities for the New Windsor/Essex Acute Care Hospital design and explain why they feel these priorities are important.
- Participants had the option to fill out an online survey or share comments by mail or phone.
- The survey was promoted in the media, on social media, on the WRH & Windsor Hospitals website, through email with staff ambassador groups and mailing list.



Have Your Say!

November 15, 2021

WRH Invites Public to Share Priorities for
the New Hospital Design

[READ MORE](#)

Public Survey Overview

- The survey ran from November 15 through December 10, 2021.
- During that time, 978 submissions were received.

978

Submissions

building equipment community
one parking health free access
use ER need
clinic easy enough
beds floor rooms waiting areas
location Windsor work future
important large family new
better room hallways area more
emergency staff medical spaces
space services visitors wait times design
accessible care people private

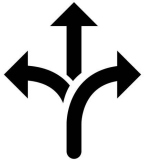
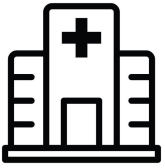
Project Vision

Create a state-of-the-art treatment and healing environment for all of those who we care for; a supportive workplace with the latest technologies to allow all of our staff to provide the most efficient and highest quality care, in a new hospital that supports wellbeing and has the capacity to provide timely, patient and family-centred care for generations to come.



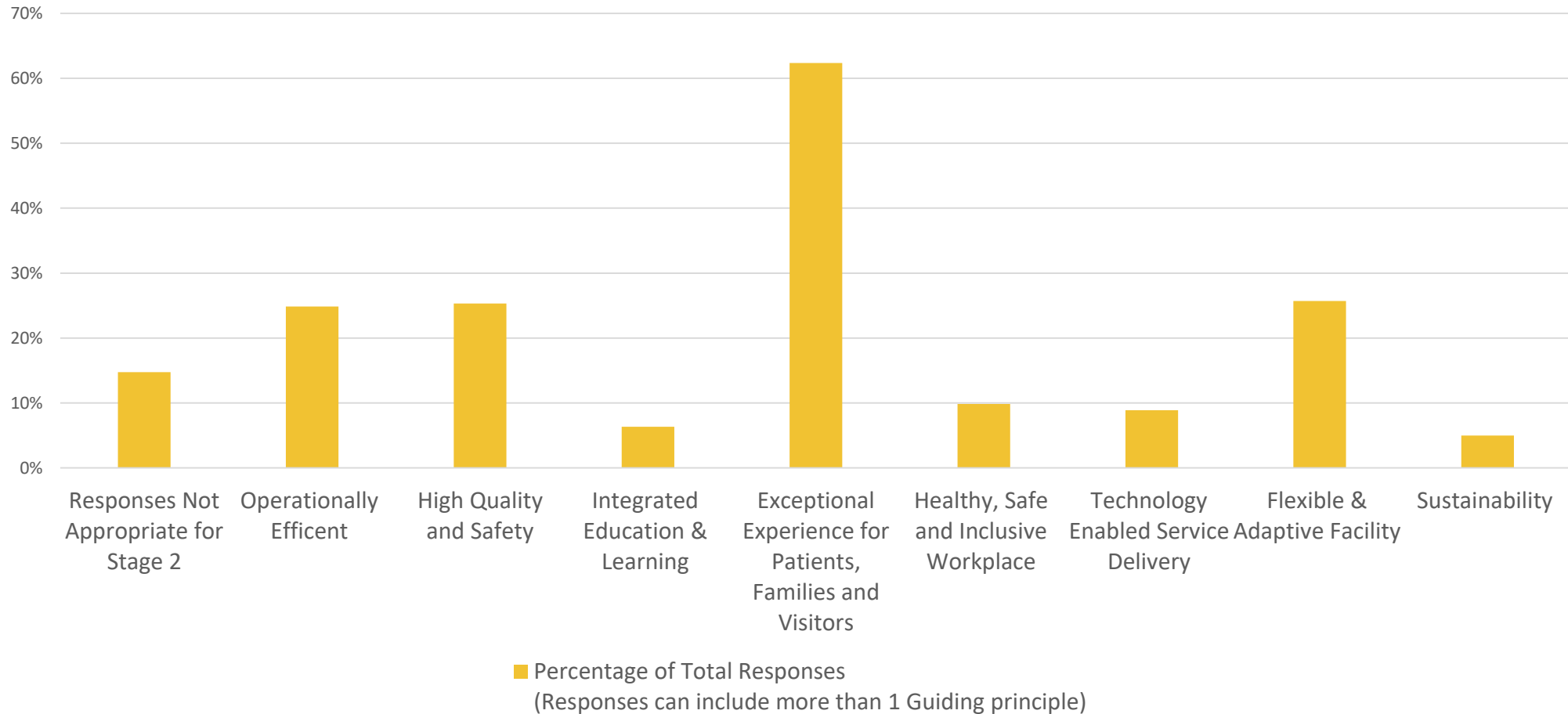
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ON OUR
STRENGTHS**
THE WINDSOR-ESSEX HOSPITALS SYSTEM IS WITHIN REACH

 **WINDSOR
REGIONAL
HOSPITAL**
OUTSTANDING CARE – NO EXCEPTIONS!



Public Survey Overview

Percentage of Total Responses



Public Input – Outstanding Patient, Family and Visitor Experience

Keep the patient experience first and foremost in the design and decision making—dignity, privacy & confidentiality and safety.

Brilliant wayfinding and signage.

Parking spaces with access aisles and lots with widespread bright lighting for safety.


Gender neutral public washrooms.

Access for the physically disabled of course - but also attention paid to accessibility for the elderly (wayfinding, sitting and resting spaces etc..), for the mentally ill (reduced sensory stimuli in the environment, etc...), for those suffering from addiction issues (privacy and confidentiality in the physical layout, etc...).

Reduced walking, access to outdoor areas and daylight, welcome centre, multi-faith spiritual space including indigenous healing facilities.

Private rooms with individual bathrooms. Space for caregiver/ friends/ family.

Principles & Planning Guidelines

Principle	Planning Guidelines	Stage 2 Specifications
 <p data-bbox="71 1168 774 1272">Outstanding Patient, Family and Visitor Experience</p>	<ul data-bbox="886 482 1646 1179" style="list-style-type: none">• Create supportive and health-promoting spaces.• Provide opportunity for privacy and respite.• Create space and amenities that are accessible, welcoming and support a diversity of culture, age, ability and gender.	<ul data-bbox="1735 482 2525 1322" style="list-style-type: none">• Meet accessibility standards.• Create access to outdoor areas and daylight /outdoor views.• Plan multi-faith spiritual space including Indigenous healing area.• Include senior and family-friendly spaces and gender neutral washrooms.• Sufficient and safe parking.

Public Input – High Quality & Safe

Private rooms. My husband nearly lost his life due to infection.

All rooms with ventilation with high air changes, negative pressure capable to prepare for future pandemics.

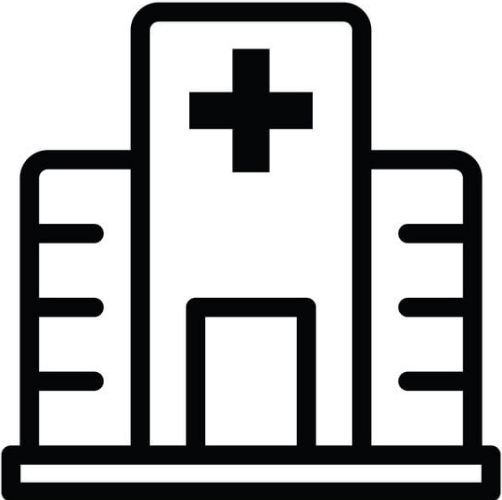
Wider hallways to allow for safe ambulation for patients and room for equipment

Separation (compartmentalization) of key areas within the hospital to contain disease/pathogens and reduce risk of spread.

Designed so that soiled O.R. instruments are not wheeled through the hallways passing patients and visitors.

Furniture that is easily cleaned and disinfected.

Principles & Planning Guidelines

Principle	Planning Guidelines	Stage 2 Specifications
 <p data-bbox="142 1168 698 1216">High Quality & Safe Care</p>	<ul data-bbox="886 482 1569 773" style="list-style-type: none">• Support integrated care delivery.• Enable best practice and evidence based care.	<ul data-bbox="1735 482 2481 1173" style="list-style-type: none">• Incorporate 100% private rooms and sufficient airborne isolation rooms.• Meet or exceed contemporary standards (e.g., Canadian Standards Association (CSA)/IPAC).• Separate patient, materials and staff flow.

Public Input – Operationally Efficient

Critical Care services, OR, DI all on the same floor for ease and safety of patient transport. The hospital shouldn't have such sprawl or large footprint that response time to patient emergencies becomes an issue.

Efficient patient flow to minimize wait times for day surgery, Endoscopy, emergency room etc

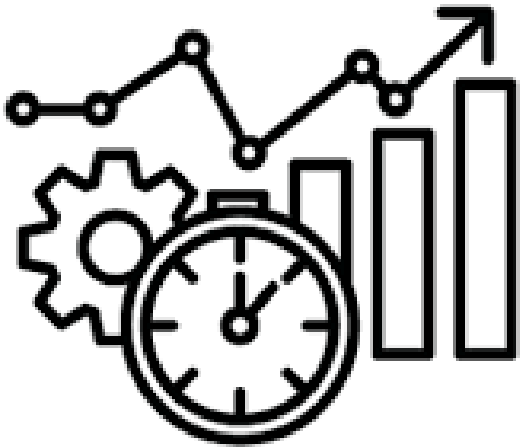
Flow of patients through the hospital from presentation, from ED or walk, to discharge. ensuring they get the best care possible to improve their quality of life.

Nursing station central to the unit for improved flow, access to patients, team approach easier.

Flow that makes sense, like departments in close proximity

Laid out so we don't walk a mile to get to the department we're looking for.

Principles & Planning Guidelines

Principle	Planning Guidelines	Stage 2 Specifications
 <p data-bbox="180 1168 665 1218">Operationally Efficient</p>	<ul data-bbox="894 482 1564 853" style="list-style-type: none">• Maximize efficiency and timely access to appropriate care.• Optimize resource utilization.	<ul data-bbox="1755 475 2448 1110" style="list-style-type: none">• Standardize Space/Rooms.• Design flows to achieve timely and effective delivery of services.• Co-locate interdependent services.

Public Input: Flexible & Adaptive

The new hospital needs bigger rooms! It is so hard to maneuver the recliners, commodes, and walkers around. Also we need more room for supplies in each patient room (ex. shelves to put dressing supplies, briefs, etc)

Sufficient in-patient rooms to service normal capacity as well as surges from pandemic or endemic surges.

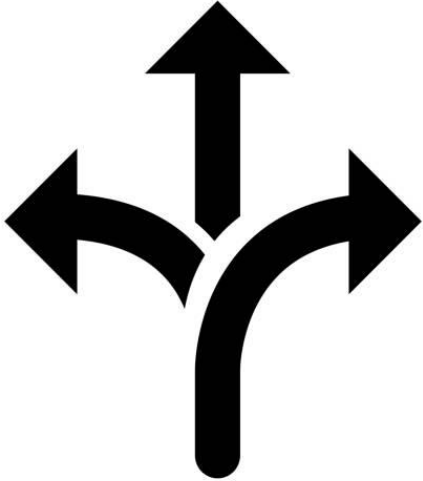
An emergency department that will be able to accommodate future expansion needs

Adequate and appropriate surgical facilities that can be modified and expanded as practices change and advance. Similar should be available for advancement of medical and diagnostic services.

Make the rooms modular and easy to update technology over time, easy to add more beds/ORs etc over time (like having blank outside walls that could easily be expanded upon in future additions.)

Capability of addressing long term population growth and aging in W-EC.

Principles & Planning Guidelines

Principle	Planning Guidelines	Stage 2 Specifications
 <p data-bbox="180 1168 659 1218">Flexible and Adaptive</p>	<ul data-bbox="886 489 1536 979" style="list-style-type: none">• Consider strategies for accommodating future growth• Balance need for additional capacity and space efficiency	<ul data-bbox="1735 489 2410 1196" style="list-style-type: none">• Incorporate approaches for growth such as adjacencies, soft space, shell space.• Plan multi-use spaces.• Ensure sufficient equipment and supply storage.

Public Input – Integrated Education, Learning & Research

Research, education, collaboration, meeting spaces.

Space to engage with community members


A teaching hospital that attracts talent and expertise.

Build in a training room for new hires and professionals who require continued learning. This will allow more training in house and reduce the expense of offsite training.

Our current student spaces are very limited especially given the current and future expansion of our program. It is important to use our space most efficiently considering how medical learning will be changing in the coming decades.

The new hospital should have a research facility with the potential to carry our cutting-edge medical research through collaboration with local researchers at the universities and colleges.

Principles & Planning Guidelines

Principle	Planning Guidelines	Stage 2 Specifications
 <p data-bbox="61 1148 784 1253">Integrated Education, Learning & Research</p>	<ul data-bbox="919 476 1582 1058" style="list-style-type: none">• Promote inter-professional, rather than discipline-specific spaces and amenities.• Provide opportunities for collaboration and quiet study.	<ul data-bbox="1753 476 2499 1139" style="list-style-type: none">• Create multi-use, shared and accessible meeting and learning spaces.• Incorporate areas for care planning, research, education, community engagement, brainstorming, etc.

Public Input: Healthy, Safe & Inclusive Workplace

Designed with hospital staff and all acute care professionals in mind, meeting their needs for advancement, study, ease of work life and above all staff safety.


Enough bathrooms for visitors and staff. better staff rooms. Hospital staff work hard and deserve a place they can take a break, decompress, they need more space, more bathrooms, safe place for their belongings,

Improved flooring for workers who are on their feet 12+ hours a day.

Natural light (we get depressed when you don't see the outside for an entire shift.) Gardens/green spaces not only help patients, their families but staff too!

Staff should never have to be shuttled to work or park and walk a distance at night.

Principles & Planning Guidelines

Principle	Planning Guidelines	Stage 2 Specifications
 <p data-bbox="147 1168 698 1272">Healthy, Safe & Inclusive Workplace</p>	<ul data-bbox="868 444 1625 1182" style="list-style-type: none">• Incorporate space, technology and equipment that protects and supports staff in care/service delivery.• Create space and amenities that are accessible and support wellness and a diversity of cultures, ages, abilities and gender.	<ul data-bbox="1722 439 2517 1386" style="list-style-type: none">• Optimize adjacencies and design to reduce walking distances.• Include safe facilities for changing, showering, securing belongings, respite, parking, exercise.• Create access to daylight and outdoor areas.• Meet or exceed CSA, Ontario Building Code and other guidelines/ legislation.

Public Input: Technology Enabled Service Delivery

Wifi and personal device charging in seating, meal areas. Plan pneumatic tube system, AGV, Automation, online registration, space for technology and virtual visits.

Fully digital - so that patient records move seamlessly

Integrated interventional radiology.

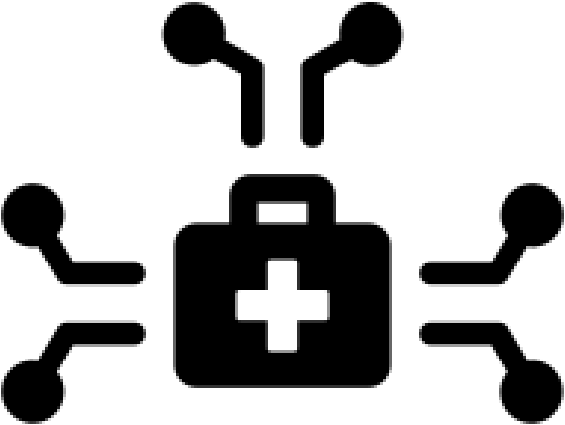
Increase use of technology for the admitting process and reduce waiting in general

SMART technology concepts (all staff have a smart phone for communicating/paging/making call) This would create less need for overhead paging and is less disruptive to patients and visitors. Call light system would ring to individual nurse caring for patient.

Hospital wide WiFi coverage to improve communication .

The design should also take into considerations of expansion or the addition of new technologies in the future so rooms so be adaptable and able to convert depends on the needs in the future.

Principles & Planning Guidelines

Principle	Planning Guidelines	Stage 2 Specifications
 <p data-bbox="104 1168 736 1275">Technology Enabled Service Delivery</p>	<ul data-bbox="879 475 1630 1249" style="list-style-type: none">• Enable state of the art care delivery and transportation of specimens, supplies, medications and patient meals using automated systems and robotics.• Improve communication and collaboration among providers, patients and families.	<ul data-bbox="1740 475 2491 1346" style="list-style-type: none">• Plan Wi-Fi and device charging throughout.• Explore/evaluate systems eg. automated guided vehicles, clinical automation etc.• Provide online registration & scheduling.• Provide space and technology for virtual visits and consults.

Public Input: Sustainable

Passive solar features, south-facing windows, solar panels, heat recovery systems such as those used by other new ON hospitals.

Green roof, solar panels, filters/scrubbers to minimize emissions (anesthetics, disinfectants etc.) for reduced environmental impact.


Sustainable with a commitment to “green” net zero elements.

GREEN, sustainable and climate resistant.

Energy saving such as Geothermal heating, Led lighting, Low E glass etc.

Mindful materials need to be considered for longevity and sustainability against disinfectants as well as proper floor care.

Principles & Planning Guidelines

Principle	Planning Guidelines	Stage 2 Specifications
 <p data-bbox="290 1168 555 1210">Sustainable</p>	<ul data-bbox="886 475 1633 1110" style="list-style-type: none"><li data-bbox="886 475 1633 746">• Incorporate environmental management systems to minimize consumption (energy, water, materials).<li data-bbox="886 839 1633 1110">• Minimize use of toxic materials, limit waste and enable the practice of responsible disposal.	<ul data-bbox="1735 475 2517 1318" style="list-style-type: none"><li data-bbox="1735 475 2517 746">• Meet or exceed LEED (Leadership in Environmental Design) Silver certification requirements.<li data-bbox="1735 796 2517 1068">• Consider condensing boilers, and high-efficiency chillers, efficient pump designs, heat recovery chillers, etc.<li data-bbox="1735 1118 2517 1318">• Plan water use reduction using efficient landscaping and captured rainwater.

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THANK YOU