

# HOW MARKHAM STOUFFVILLE HOSPITAL WAS TRANSFORMED INTO AN INTEGRATED WELLNESS COMMUNITY

B+H Architects in Association with Perkins+Will Architects  
EUROPEAN HEALTHCARE DESIGN 2017

Presented by:

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# WHO WE ARE



A legacy of over  
**60 Years**  
of achievement



Projects in  
**30+**  
countries



Over  
**50 years** of  
healthcare design  
experience



**350+**  
staff in  
10 integrated studios  
around  
the world



Extensive  
**P3**  
healthcare  
project expertise



**90+**  
healthcare  
projects  
worldwide



Gleneagles Medini Hospital  
Iskandar, Malaysia



St. Catharines Hospital and Walker Family Cancer Centre  
St. Catharines, Canada



Our Lady Mercy Wing, St. Joseph's Health Centre  
Toronto, Canada



Changi General Hospital, The Integrated Building  
Singapore

# MARKHAM STOUFFVILLE HOSPITAL

Markham, Ontario, Canada





THE PAST





THE PAST





THE PRESENT





# THE FUTURE



1990

+

Markham  
Stouffville  
Hospital



# 1995

+

Cornell  
New Urbanist Neighbourhood



# 2006

+

Markham population  
Increases 70%  
in 15 years

2007

+

Cornell  
Community Centre  
and Library



2007

+

B+H and  
Perkins+Will





Benefits to MSH:

+

- Medical library
- Therapy pool
- Physical rehabilitation facilities
- Presentation theatre
- Snoezelen room



## Benefits to Markham:

- Building site
- Operational efficiencies
- Increased usage of facilities
- Development of surrounding neighbourhood
- Enhanced community health and wellness
- Long term expansion and regeneration

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# CREATING THE WELLNESS COMMUNITY

Translating the project vision, priorities  
and goals into reality





Project Objective:



Capitalize on the site and existing facilities, and enable future growth.

Option 2  
“Campus”



Project Objective:



Capitalize on the site and existing facilities, and enable future growth.

Option 3  
“Commons”



Project Objective:



Capitalize on the site and existing facilities, and enable future growth.

Option 4  
“Campus Commons”

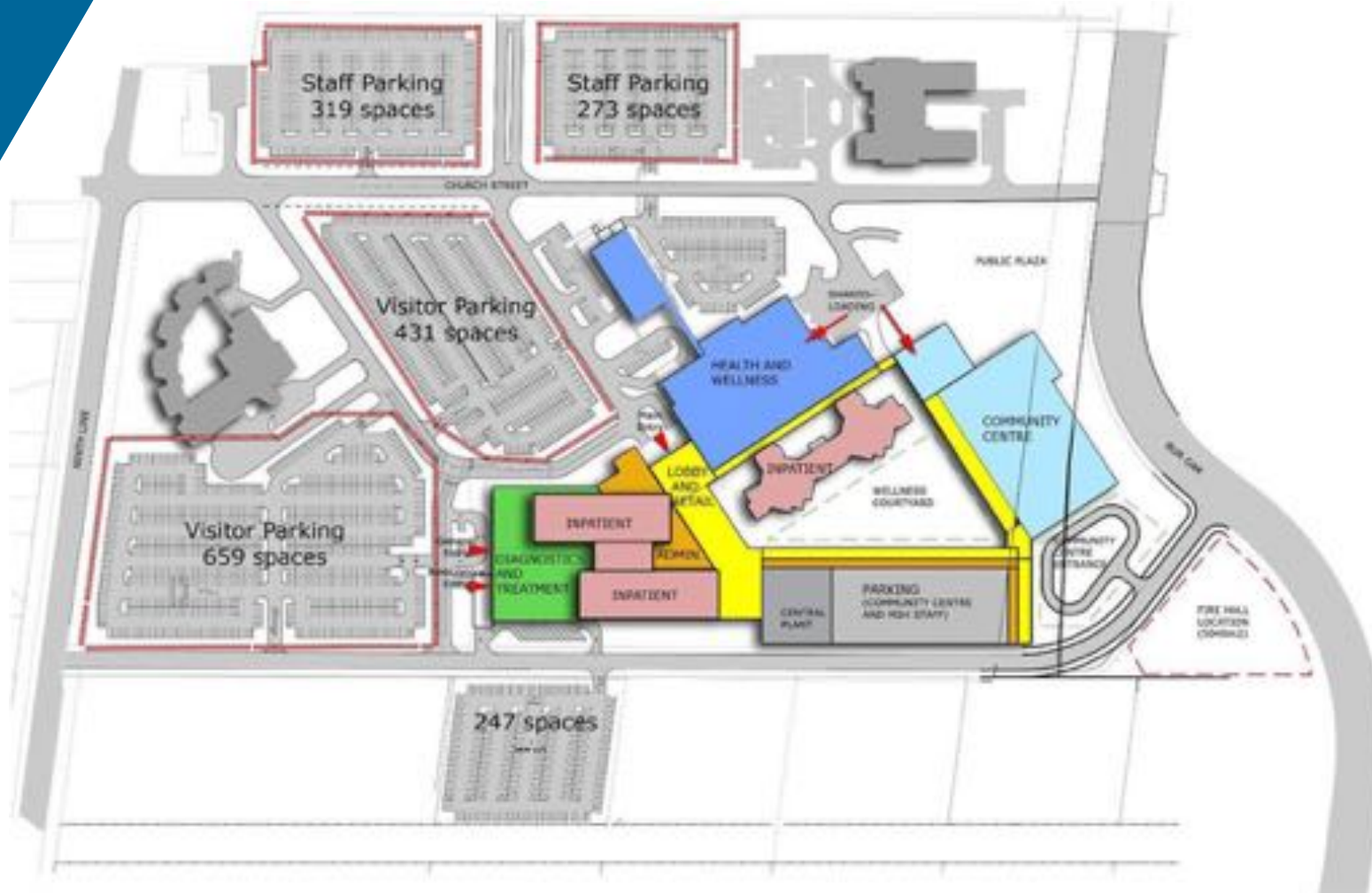


Project Objective:



Capitalize on the site and existing facilities, and enable future growth.

Option 5  
“Vertical Campus”



Physical and  
operational integration:

+

- Co-location of facilities
- Physical connections
- Shared spaces
- Cross-programming



Physical and operational integration:

+

- Co-location of facilities
- Physical connections
- Shared spaces
- Cross-programming



Physical and operational integration:



- Co-location of facilities
- Physical connections
- Shared spaces
- Cross-programming

New Medical Office Building



Physical and  
operational integration:

+

- Co-location of facilities
- Physical connections
- Shared spaces
- Cross-programming

New Hospital  
Expansion



Physical and operational integration:



- Co-location of facilities
- Physical connections
- Shared spaces
- Cross-programming

New Community  
Recreation Centre &  
Public Library



Physical and operational integration:

+

- Co-location of facilities
- Physical connections
- Shared spaces
- Cross-programming

New Community  
Centre Parking  
Garage



Physical and operational integration:

+

- Co-location of facilities
- Physical connections
- Shared spaces
- Cross-programming

New District  
Energy Plant



Physical and operational integration:

+

- Co-location of facilities
- Physical connections
- Shared spaces
- Cross-programming

New Fire Station



Project Objective:



Reinforce connections to the community.







5 minute walk

10 minute walk

15 minute walk



MARKHAM-STOUFFVILLE HIGH SCHOOL

STOP

STOP



Project Objective:



Central to the transformation of MSH was the landscape design and connections to nature.



Project Objective:



Create a sense of place.





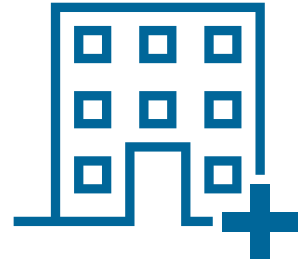


# OPPORTUNITIES FOR FUTURE APPLICATION

SENGKANG COMMUNITY HOSPITAL

Opportunities for  
Future Application:

+




New or existing facility



Urban, suburban or  
rural context



Global model



“ Frequently dubbed health districts or health villages, the concept of a healthcare component serving as a community anchor that influences an overall wellness-focused lifestyle is picking up plenty of steam.”

-Healthcare Design Magazine, 2014



Integrated Building, Changi  
General Hospital, Singapore





Integrated Building, Changi  
General Hospital, Singapore





Integrated Building, Changi  
General Hospital, Singapore





Integrated Building, Changi  
General Hospital, Singapore





Woodlands Integrated  
Healthcare Campus  
(Shortlisted Design  
Competition Entry), Singapore





Woodlands Integrated  
Healthcare Campus  
(Shortlisted Design  
Competition Entry), Singapore





Woodlands Integrated  
Healthcare Campus  
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+

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Our Lady Mercy Wing,  
St. Joseph's Health Centre, Toronto





Our Lady Mercy Wing,  
St. Joseph's Health Centre, Toronto





THANK YOU