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# COVID-19 IMMEDIATE ASSESSMENT AND CONTAINMENT CENTRE SOLUTION



PROPOSED SPRUNG STRUCTURE SOLUTION FOR ILLUSTRATIVE PURPOSES

FOR IMMEDIATE 24-HOUR RESPONSE CONTACT  
[EMRESPONSE@BLTCONSTRUCTION.COM](mailto:EMRESPONSE@BLTCONSTRUCTION.COM)  
COLIN PENGELLY 604-880-5198 DAVE BARROW 416-677-0954  
PAUL WADDELL 416-688-3560



## RE: COVID-19 Immediate Assessment and Containment Centre Solution

With the current challenges facing our health care system in regards to COVID-19 and the increased demand for hospital space, we offer an **immediate containment solution** that will better address three critical aspects of care: Screening, Testing, and Isolation.

Sprung Structures are temporary prefabricated structures that provide a contained environment. These structures can be erected within days, are easily dismantled, and are a safe engineered solution for both urban and remote locations, and can be repurposed and reused.

These temporary facilities are able to provide key solutions, as follows:

- **ICU facilities** to support overflow of current demands for space and increasing bed capacity
- **Vehicle Entry Triage Units** to provide vehicle security, screening and direction prior to entering Hospital grounds
- **Pedestrian Entry Triage Units** to provide pedestrian screening and entry to Hospital

This is a proven structurally engineered solution utilized globally by the US Army for emergency field medical centres. Locally, the City of Toronto successfully utilized a similar building solution to quickly address the homelessness and shelter crisis facing the city in the winter of 2018/19.

<b>Construction Time</b>	<b>2 to 3 days for select sizes</b>
<b>Size of Facility</b>	<b>Varies and is fully customizable Stock size available, quick ship</b>

The interiors for these units may be modified to accommodate anything from triage to fully enclosed isolation rooms. We believe that in partnership with your emergency management team we can help minimize the risk to both health care workers and other patients.

We appreciate that time is of the essence, and the need to address immediate emergency solutions within our communities across Canada is paramount. BLT would like to do our part in joining all first responders to help contain this virus.

**For more information, please contact our 24-hour response team at:**

[emresponse@bltconstruction.com](mailto:emresponse@bltconstruction.com)

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## RAPID BUILDING SOLUTION

BLT has proven experience delivering rapid demand Sprung solutions. We built 3 temporary Respite Sites for the City of Toronto in 2018/19.



## INCREASED DEMAND FOR HOSPITAL SPACE

BLT has conducted data analysis of BC hospitals based on New York State Governor Andrew Cuomo's emergency order for hospitals to increase bed capacity by a minimum of 50%, and ideally 100%. If BC's COVID-19 outbreak trends the same, this would mean that there is a need for approximately 4,000 additional beds, and approximately 400,000 sq ft of ICU Containment Area.





## LONG-TERM OUTLOOK

Sprung Structures can be relocated, moved, and repurposed for future applications within the community.



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# Active Project: Joseph Brant Hospital

1230 North Shore Boulevard, Burlington, ON L7R 1W7

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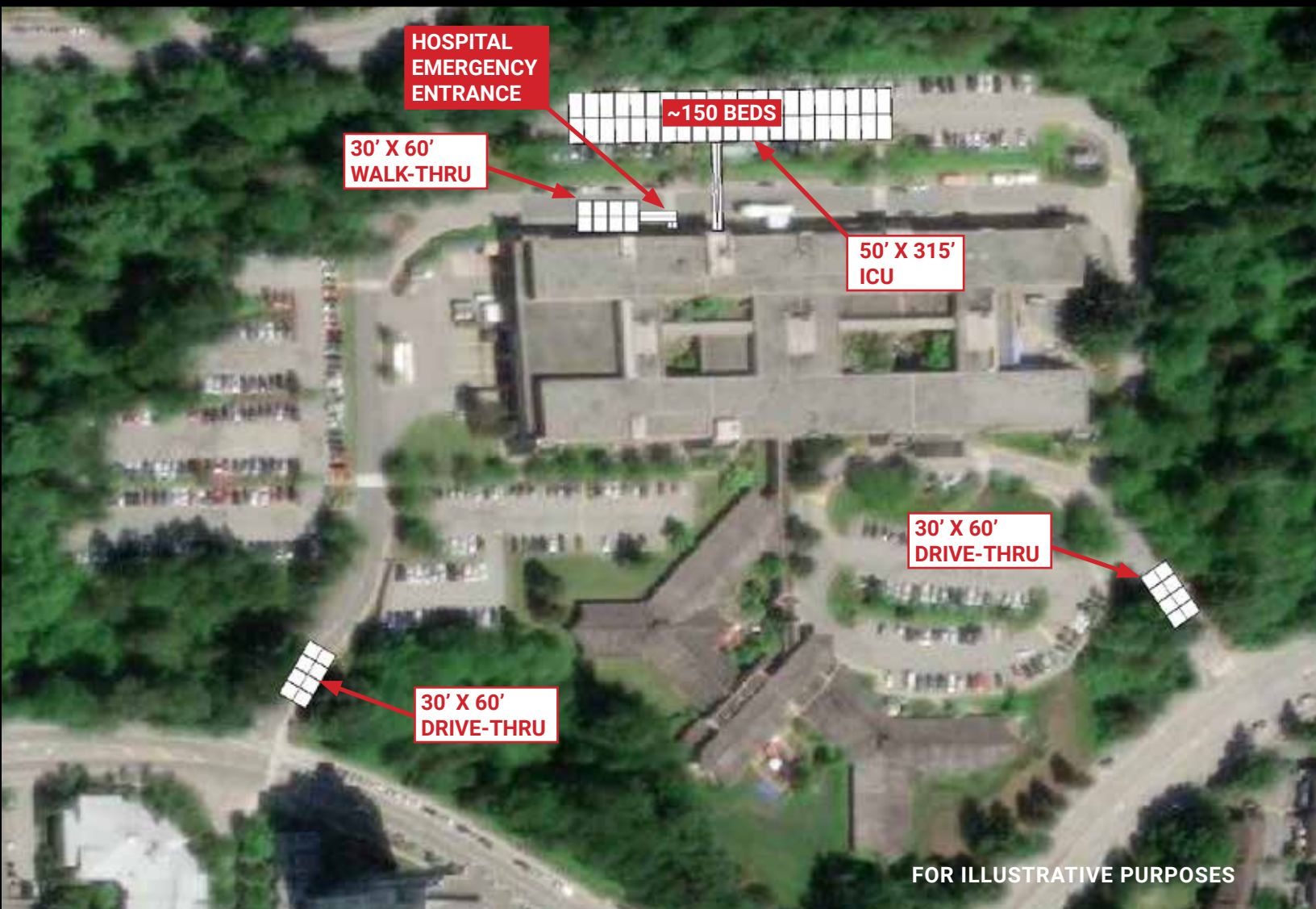
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# Eagle Ridge Hospital

475 Guildford Way, Port Moody, BC V3H 3W9

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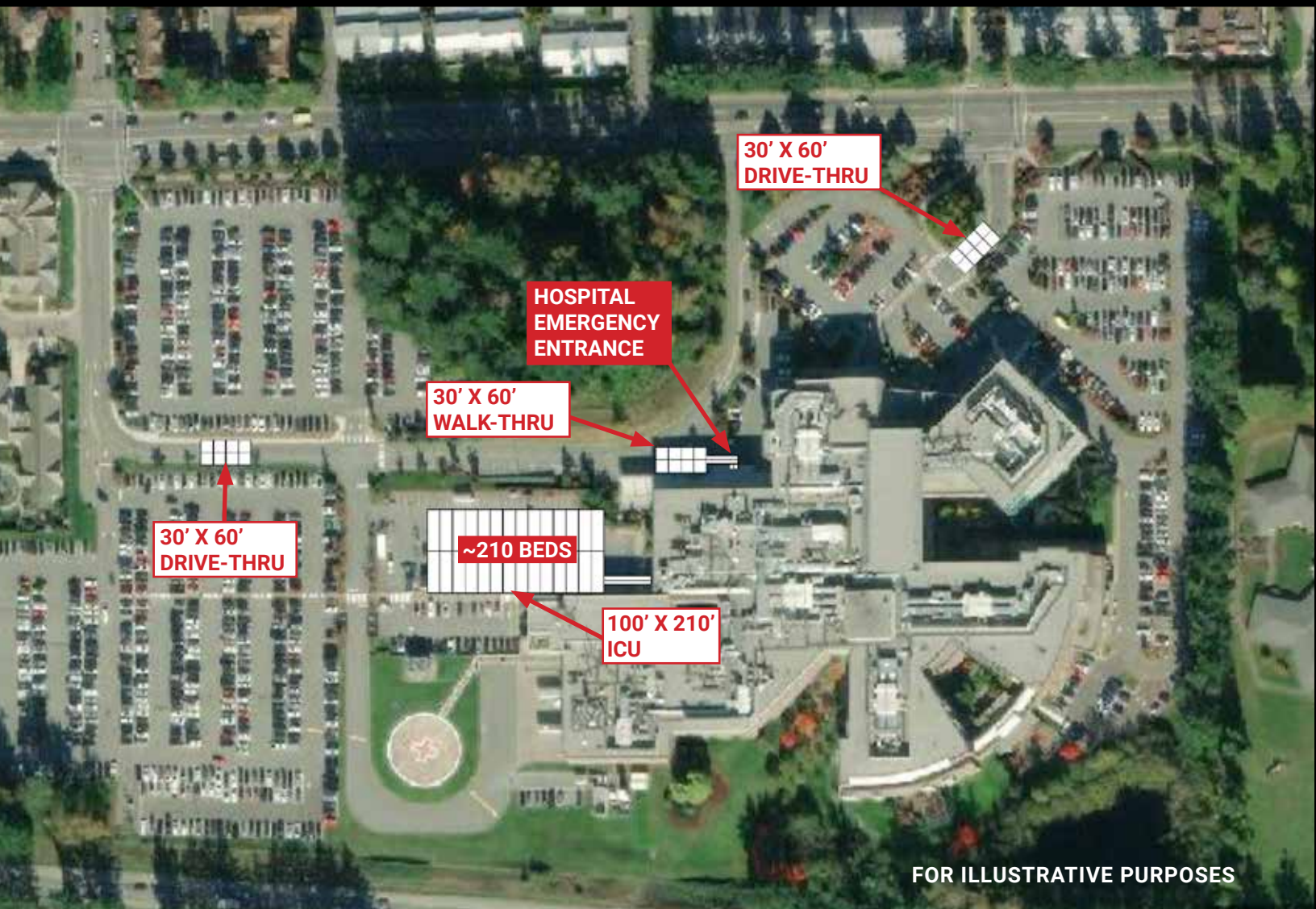
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# Abbotsford Regional Hospital

32900 Marshall Rd, Abbotsford, BC V2S 0C2

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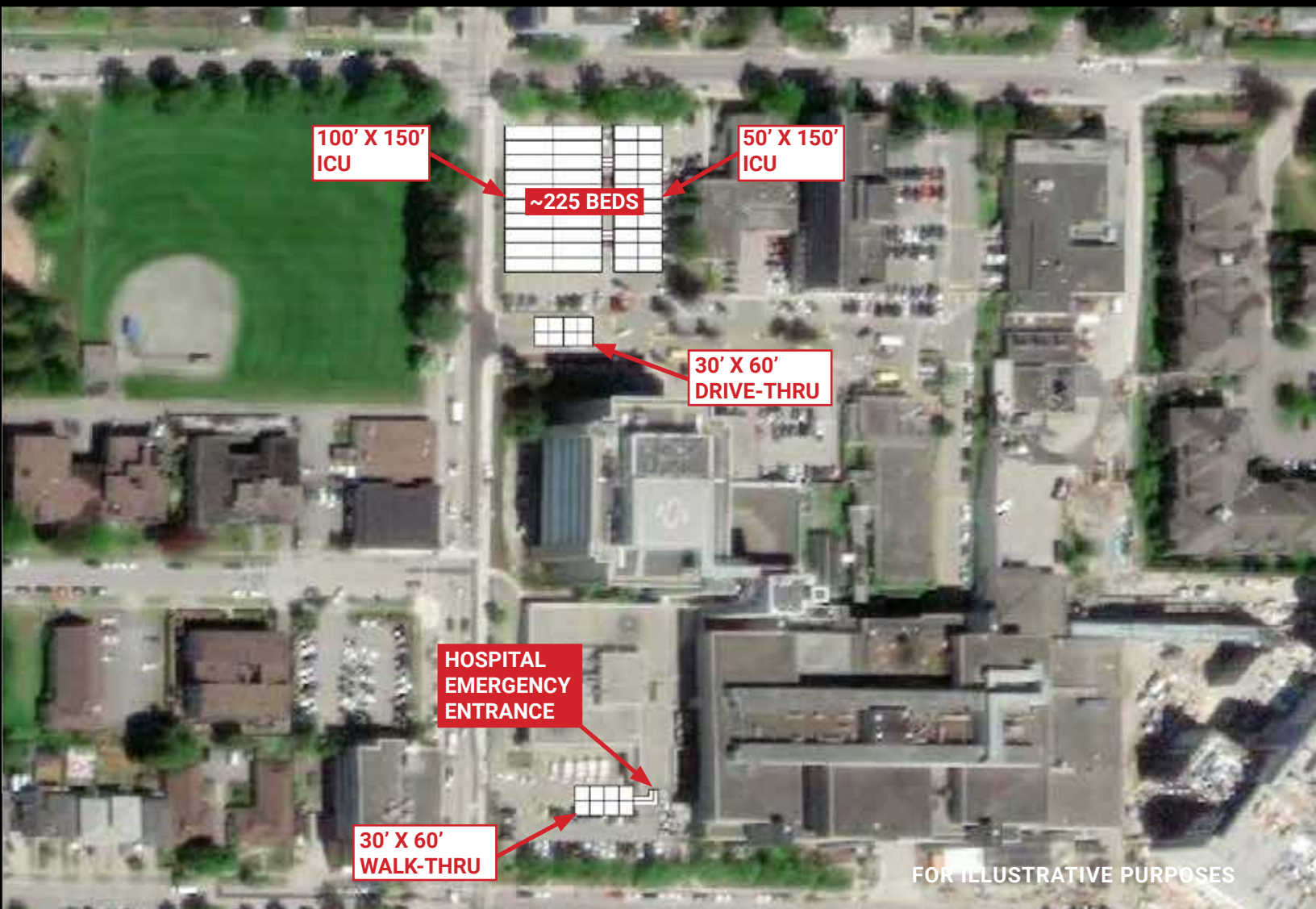
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# Royal Columbian Hospital

330 E Columbia St, New Westminster, BC V3L 3W7

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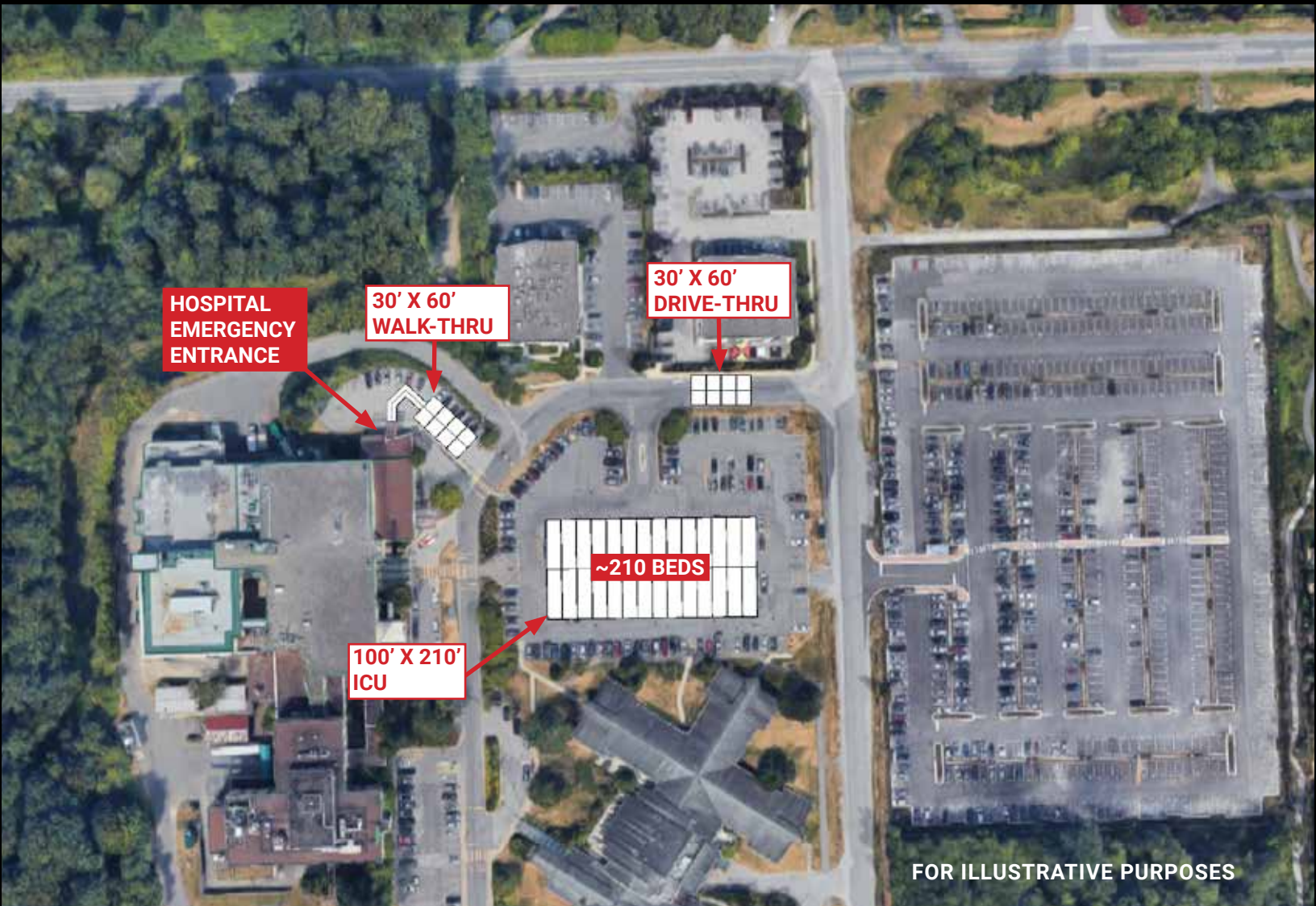
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# Langley Memorial Hospital

22051 Fraser Hwy, Langley City, BC V3A 4H4

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# Victoria General Hospital

1 Hospital Way, Victoria, BC V8Z 6R5

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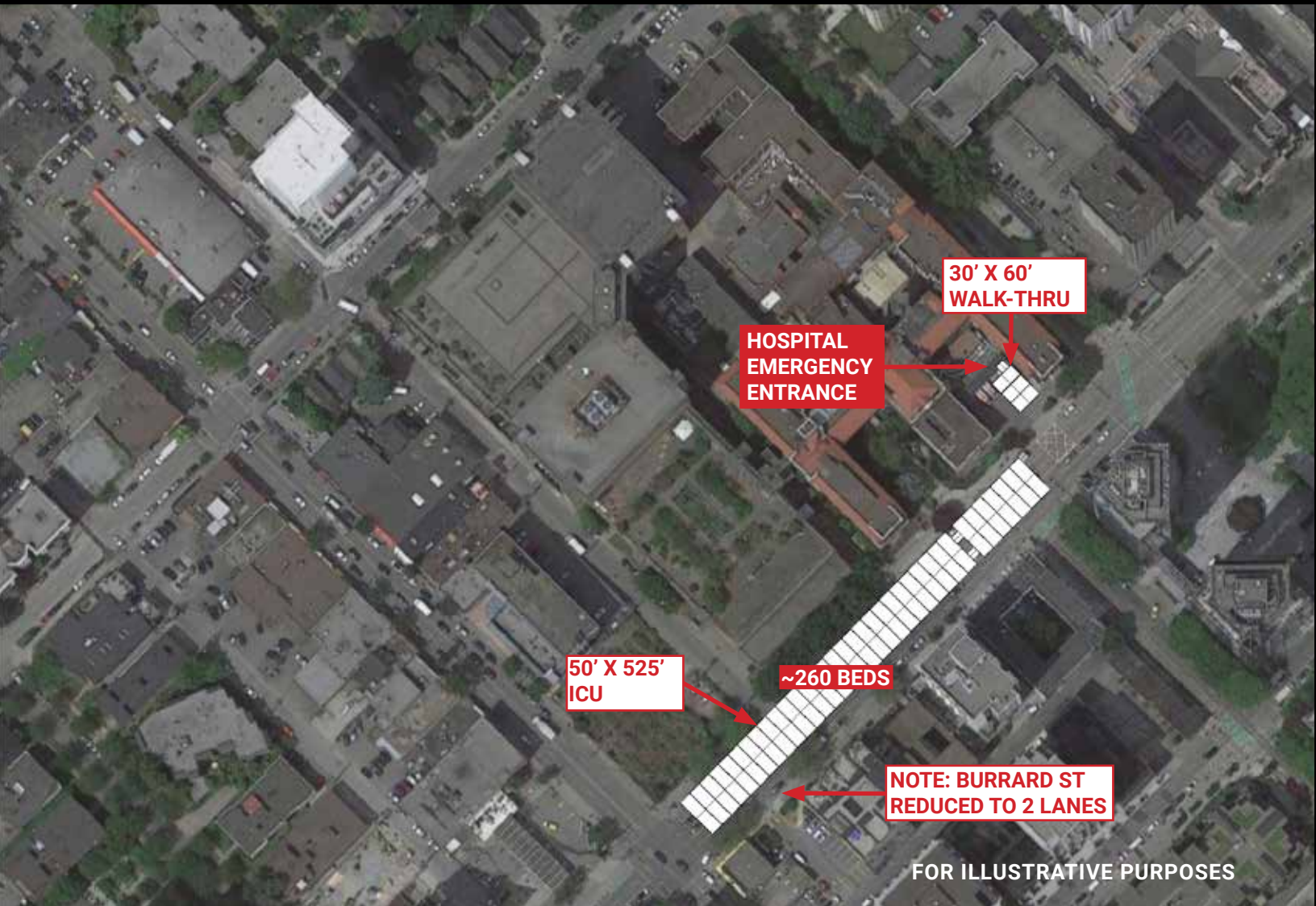
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# St. Paul's Hospital

1081 Burrard St, Vancouver, BC V6Z 1Y6

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# BC Women's/Children's Hospital

4500 Oak St, Vancouver, BC V6H 3N1

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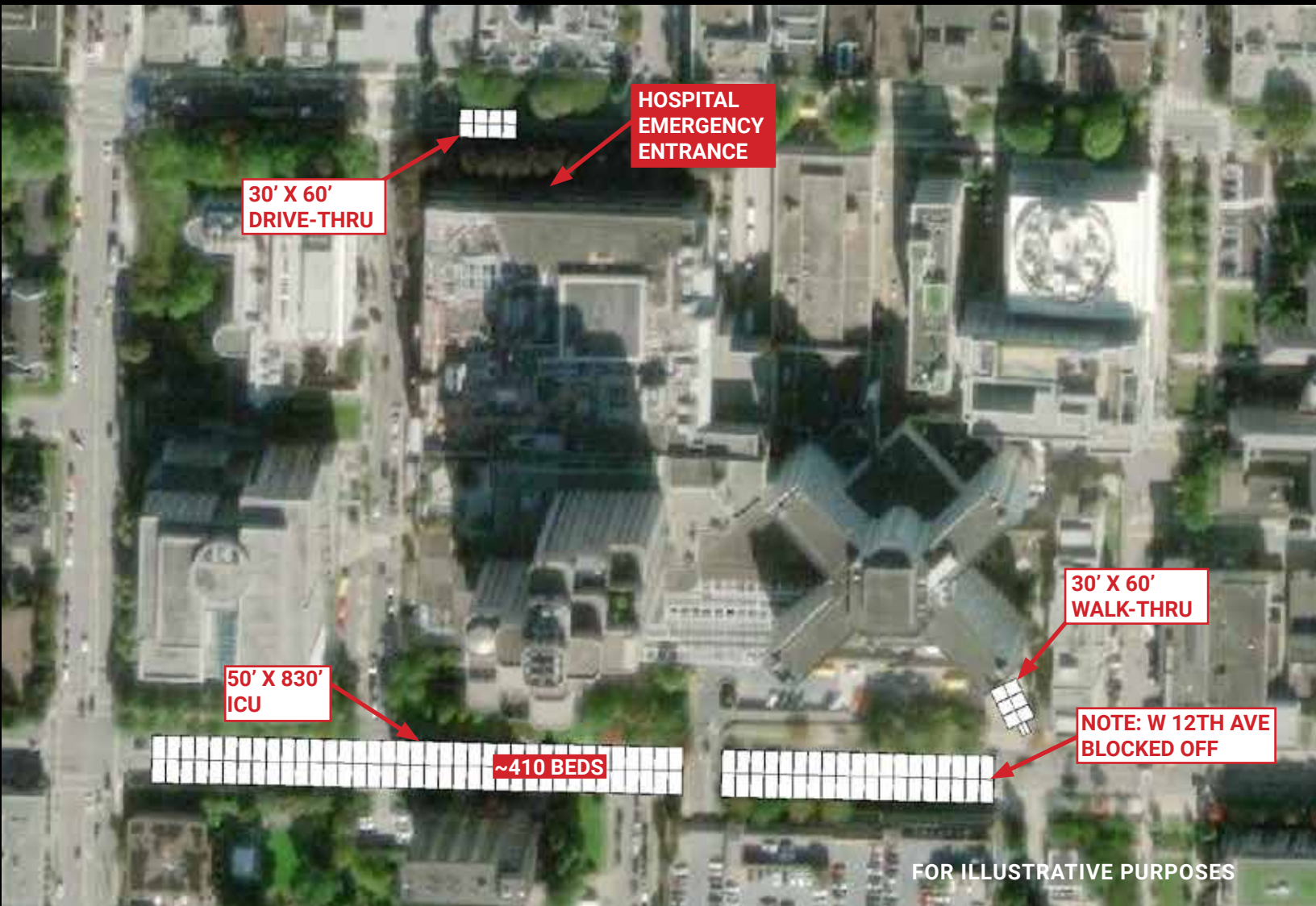
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# Vancouver General Hospital

899 W 12th Ave, Vancouver, BC V5Z 1M9

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# Burnaby General Hospital

3935 Kincaid St, Burnaby, BC V5G 2X6

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# Chilliwack General Hospital

45600 Menholm Rd, Chilliwack, BC V2P 1P7

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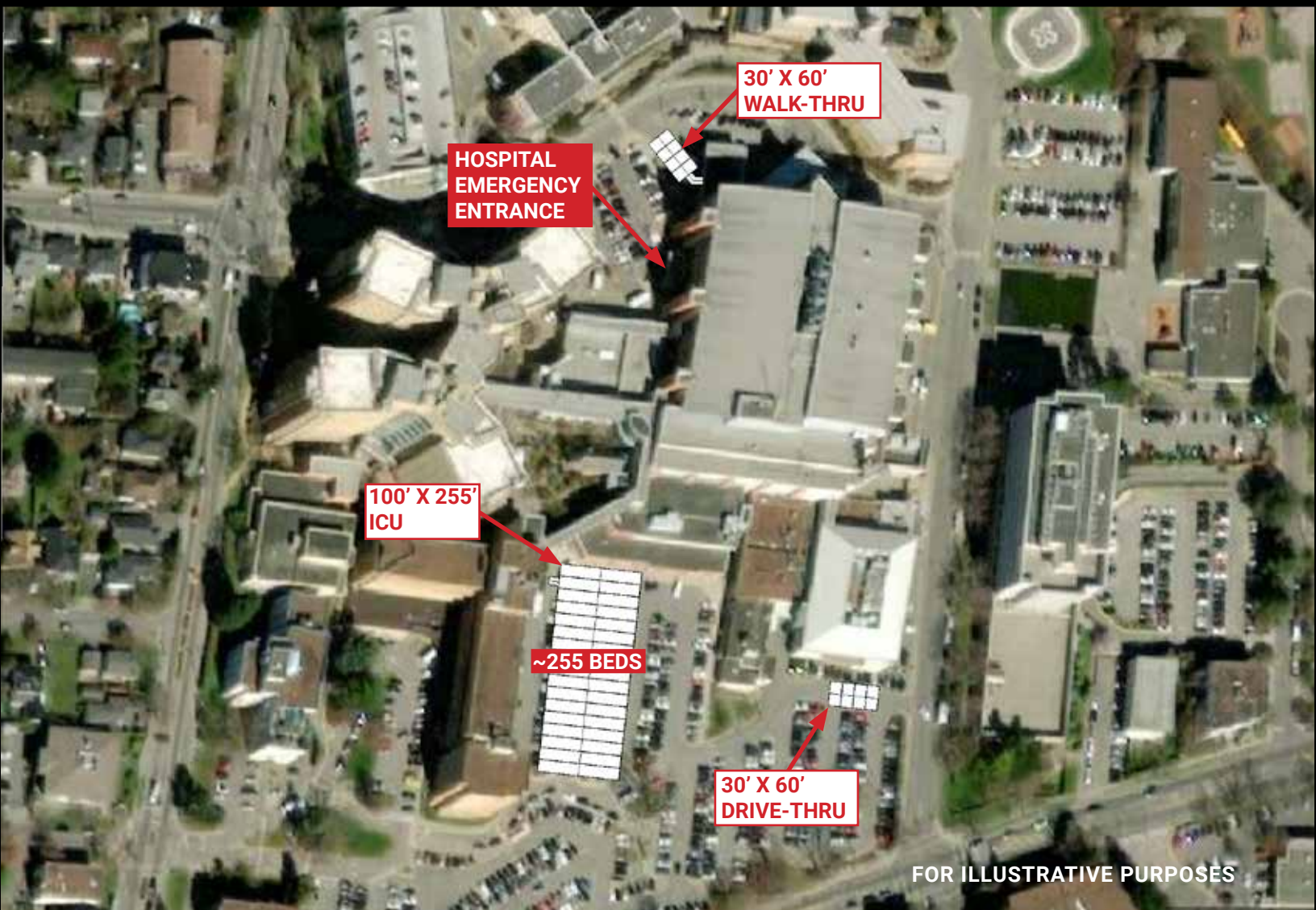
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# Royal Jubilee Hospital

1952 Bay St, Victoria, BC V8R 1J8

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## Sunnybrook Health Sciences

2075 Bayview Ave, Toronto, ON M4N 3M5

### SPRUNG STRUCTURE CONFIGURATION DRAWING

