



Location: St. Catharines, Canada

Size: 89,187 m² (960,000 ft²)

Status: Completed 2012

Sector: Healthcare

Services: Architecture, Interior Design

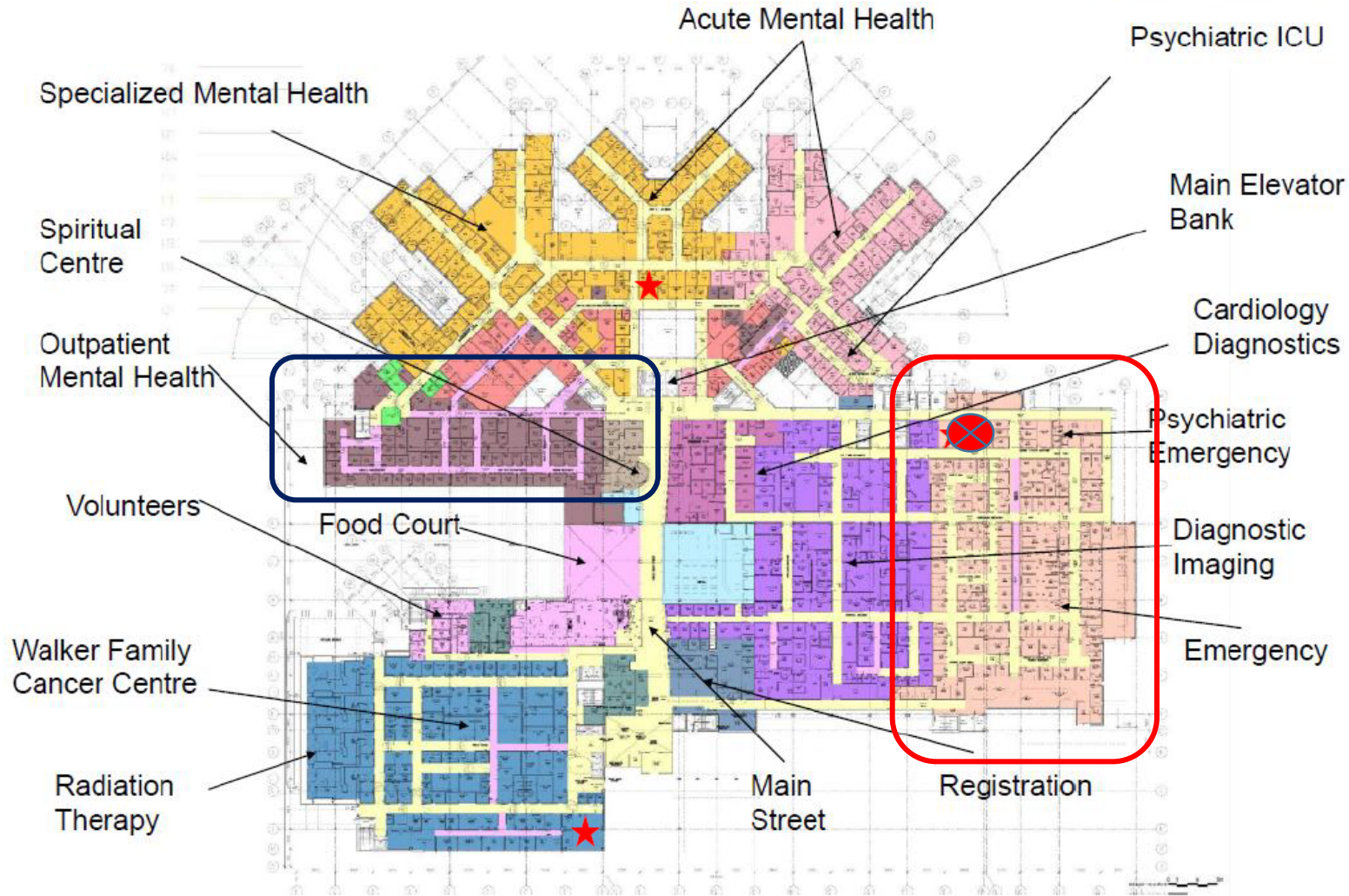
Client: PCL Constructors Canada Inc.



Collaboration

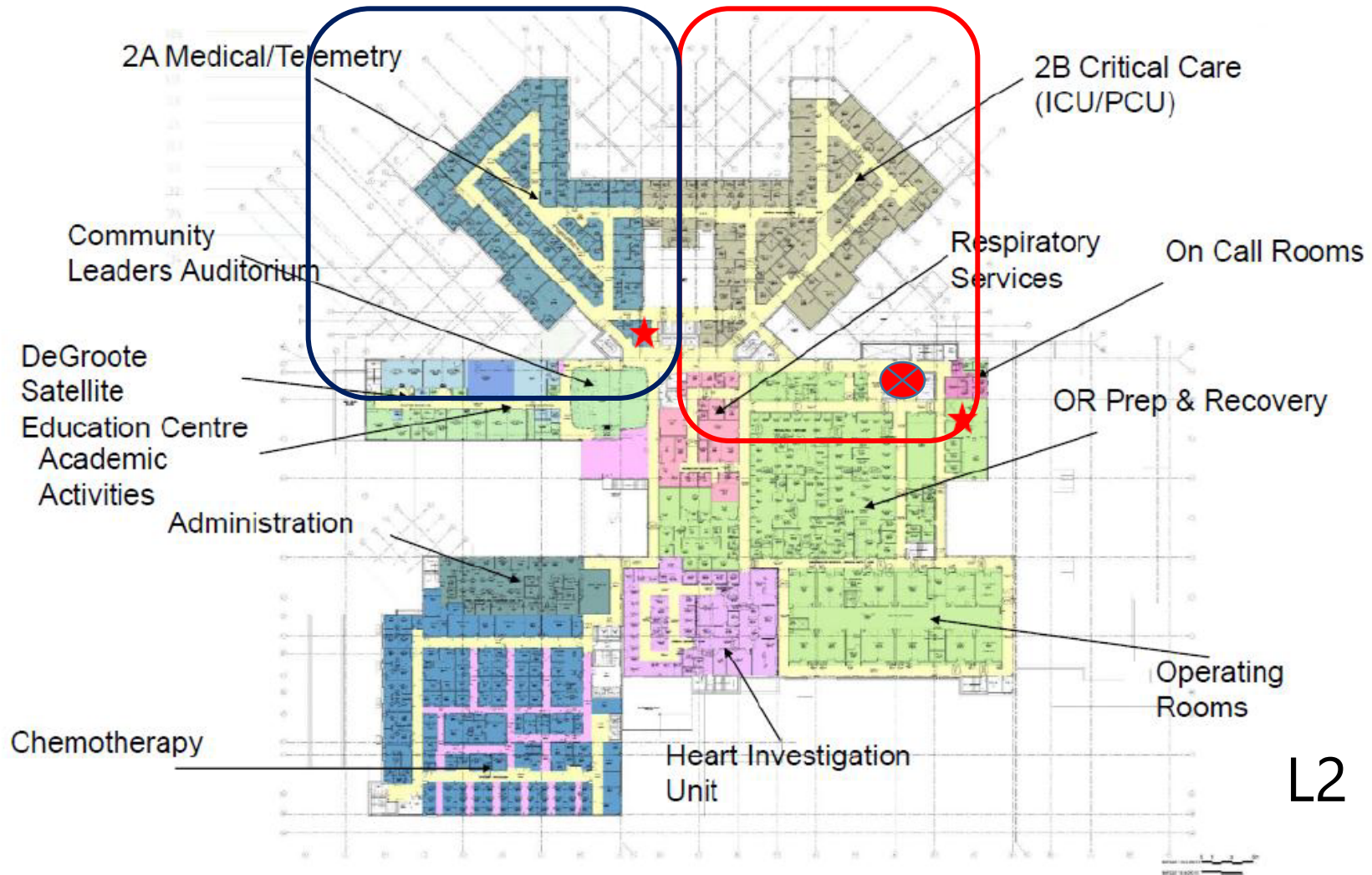
B+H and Silver Thomas Hanley in joint venture





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Takeaways

SARS (2003): New Hospital (2007-2014)

Emergency Management Plan: How to Use the Building (Wayfinding)

Emergency Management Workflows: Routing
Negative Pressure Rooms and Units
Surge Capacity: Where?

1. Decontamination
2. Outbreak
3. Epidemic
4. Pandemic

Emerging Issues

Infectious Disease Hospitals / Centres

Essential and Non-Essential Care: Continuity

Supplies – Storage vs JIT (300%) – ScrubEx and Change Rooms

Screening and Technology

Virtual Care

Physical Distancing – Patients to Staff / Staff to Staff / Family-Visiting Policies

Negative Pressure – Scalable: Rooms to Units

Infection Prevention and Control Technology: UV and Materials

Assessment Centres

