

RESILIENCE REPORT from the FIELD

Sanford Fleming Forum May 2017

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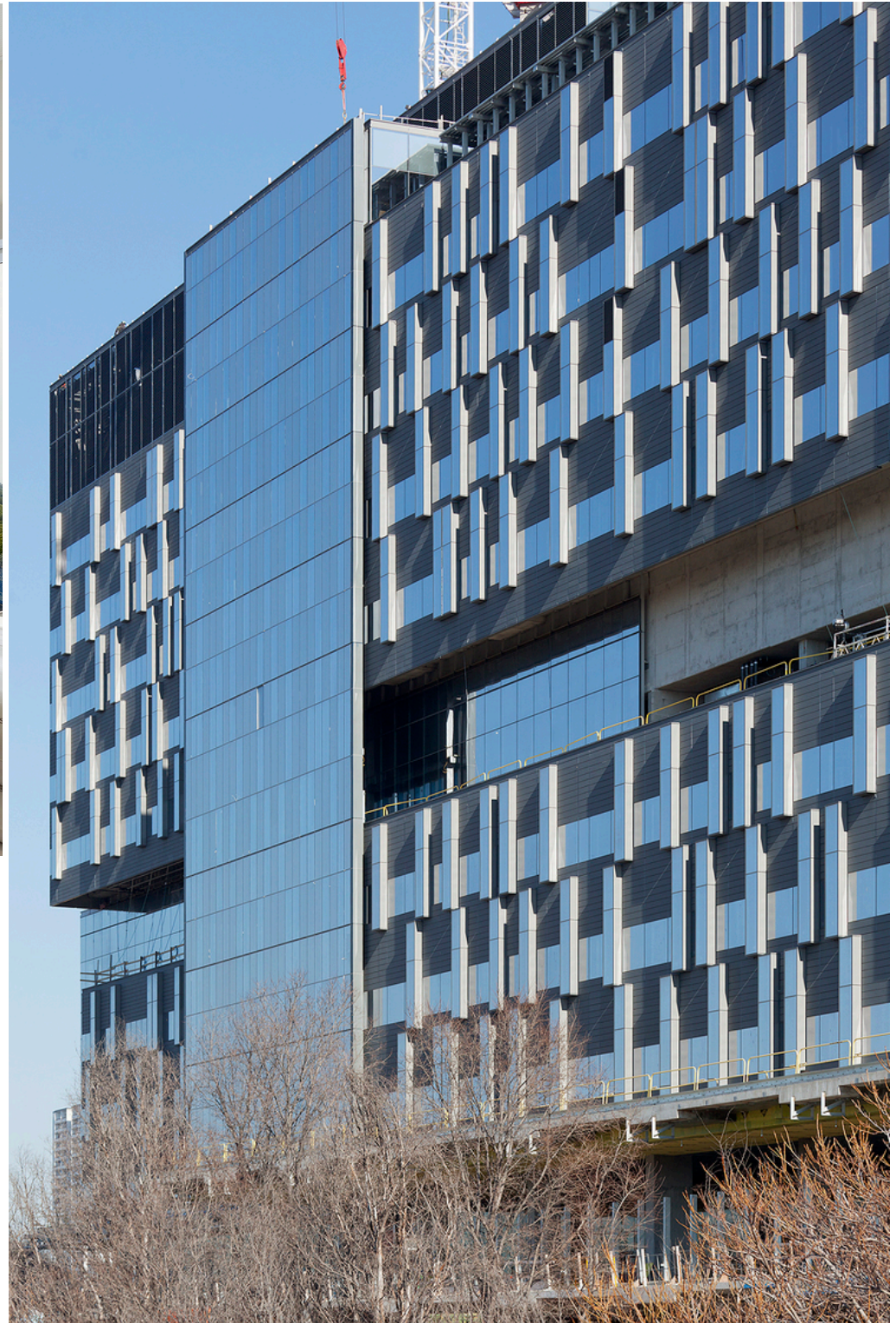


THE CONVERSATION

VS

TRACTION









CENTRE FOR GREEN CITIES

WELCOME CENTRE



Evergreen Brickworks



Evergreen Brickworks – July 2013

Event Space:
2,800 sq ft for
special functions

Office Space: 30,000
sq ft for Evergreen
and incubator space
for green start-ups

Ground Floor: Gallery,
Classrooms and
Jamie Kennedy
kitchens

Welcome Centre:
4,900 sq ft for
reception, events,
exhibitions



Center for Green Cities, Evergreen Brickworks – North-South Section



Emergency Generator

Automate to provide some sustaining functions during non-fire event

- One operational elevator for resident's convenience
- One emergency receptacle per unit or at minimum in corridor on each floor
- Domestic cold water booster pumps for potable water
- Heat trace sprinkler lines to prevent freezing in vulnerable locations
- Heat trace waterlines and condensate lines in BM
- Pumps for flood prevention to reduce risk of damage to building and property
- Booster pump at lowest parking level to be alarmed to concierge desk.

Sprinkler Event



Sprinkler Event



Sprinkler Event Mitigation

- Provide drain in garbage chute room on each floor.
- Provide raised threshold at suite doors.
- Provide drain in every suite laundry room.
- slope floor away from elevator doors and / provide a linear drain along opposite side of corridor.



High School

Priority: Student safety
Potential: Community safe haven



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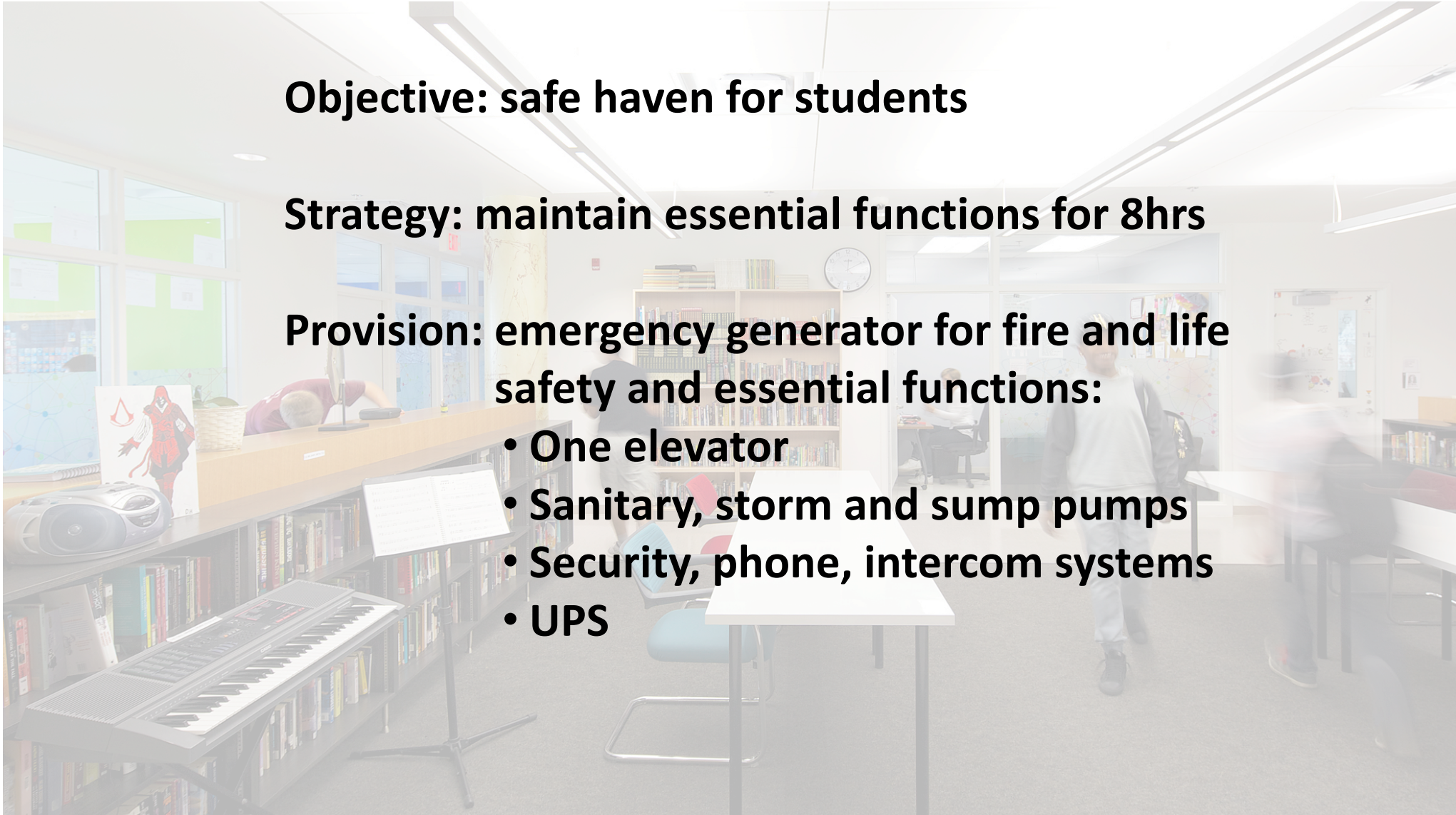
Potential: Community safe haven

Objective: safe haven for students

Strategy: maintain essential functions for 8hrs

Provision: emergency generator for fire and life safety and essential functions:

- One elevator
- Sanitary, storm and sump pumps
- Security, phone, intercom systems
- UPS



THANKS!

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