



EAST MARKHAM COMMUNITY CENTRE + LIBRARY

COUNCIL PRESENTATION DRAFT

10 28 2008



SHORE TILBE IRWIN & PARTNERS

AGENDA

- **BUILDING CONCEPT**

 - Updated Site Plan/ Plans

 - Building Massing

 - Parking Structure

 - Hospital Linkage

- **PROJECT SYNERGIES**

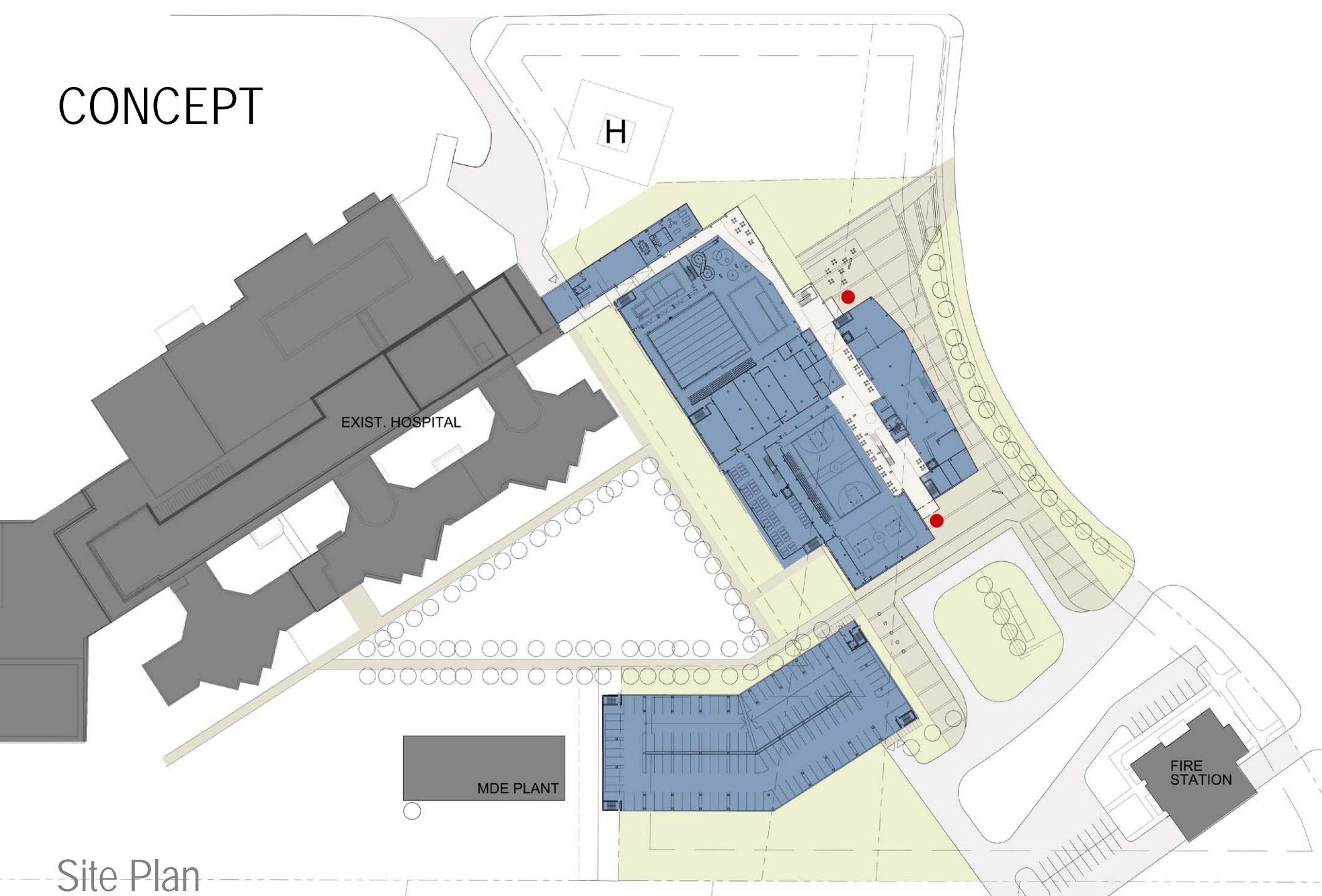
- **LEED UPDATE**



Community Centre + Library

EAST MARKHAM

CONCEPT



Site Plan

Community Centre + Library

EAST MARKHAM

CONCEPT



Ground Floor

Community Centre + Library

EAST MARKHAM

CONCEPT



Second Floor

Community Centre + Library

- Aquatics
- Gymnasium
- Fitness
- Library
- Multi-use/Rehearsal
- Older adults
- Youth
- Children's playground
- Administration
- Common areas/Service
- Special needs
- Café

EAST MARKHAM

CONCEPT



View from Northeast along Buroak

Community Centre + Library

EAST MARKHAM

CONCEPT



View from Northeast along Buroak

Community Centre + Library

EAST MARKHAM

CONCEPT



View from Southwest from Wellness Court

Community Centre + Library

EAST MARKHAM

CONCEPT



View from Southeast along Buroak

Community Centre + Library

EAST MARKHAM

CONCEPT



View from Southeast along Buroak

Community Centre + Library

EAST MARKHAM

CONCEPT

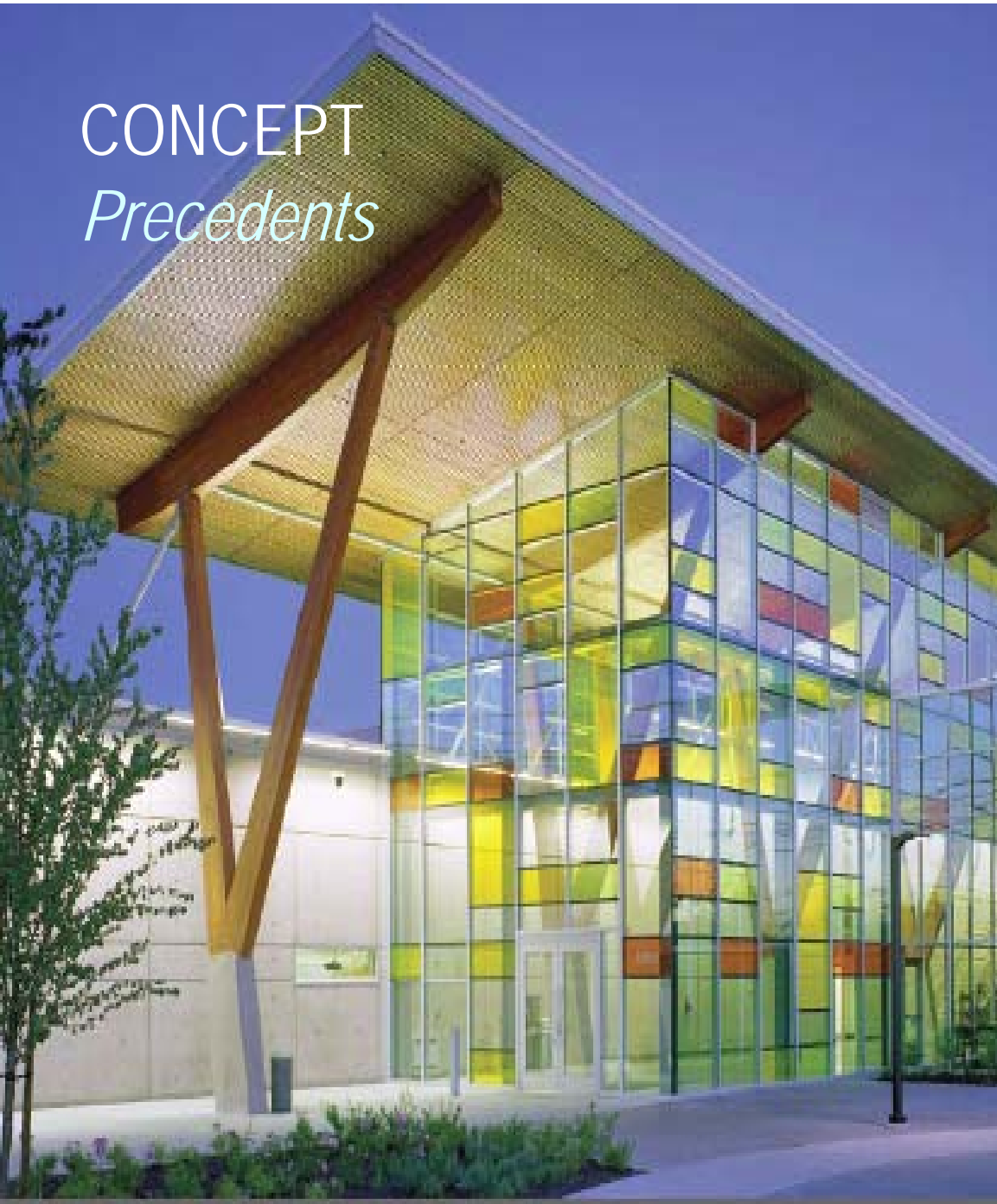
Precedents



Community Centre + Library

EAST MARKHAM

CONCEPT
Precedents



Community Centre + Library

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CONCEPT
Parking Structure



Community Centre + Library

EAST MARKHAM

CONCEPT

Parking Structure



Drop off Court and Parking Structure

Community Centre + Library

EAST MARKHAM

CONCEPT

Parking Structure



Drop off Court and Parking Structure

Community Centre + Library

EAST MARKHAM

PROJECT SYNERGIES

A COMPLEMENTARY USE

The Hospital will provide additional usage of the Community Centre and Library during typically non-peak hours.

A WELCOME RELIEF

The Community Centre + Library will offer a welcome relief to Hospital staff and visitors, providing a playful and stimulating environment.

A PROMISING FUTURE

This partnership is the first of its kind in Canada. New programs and partnerships will evolve from this unique combination of facilities.



Community Centre + Library

EAST MARKHAM

LEED INITIATIVES

SITE

Reduction of Heat Island through reflective roof areas and covered parking

Use of Drought Resistant + Indigenous Planting

Rain Water Harvesting -Use of Roof Water for Irrigation and Flushing Toilets

20% Reduction in Potable Water Use through High Efficiency Fixtures

ENERGY

Heating + Cooling by MDE

Energy Efficient Lighting + SMART Controls

Grey Water Heat Recovery

Building Envelope with Increased Energy Conservation

BUILDING

Recycled Content in Building Components

Low Emitting Adhesives, Sealants, Carpets, Paints + Coatings

Natural Day-lighting

Enhanced Thermal Comfort

Indoor 'Living Wall'

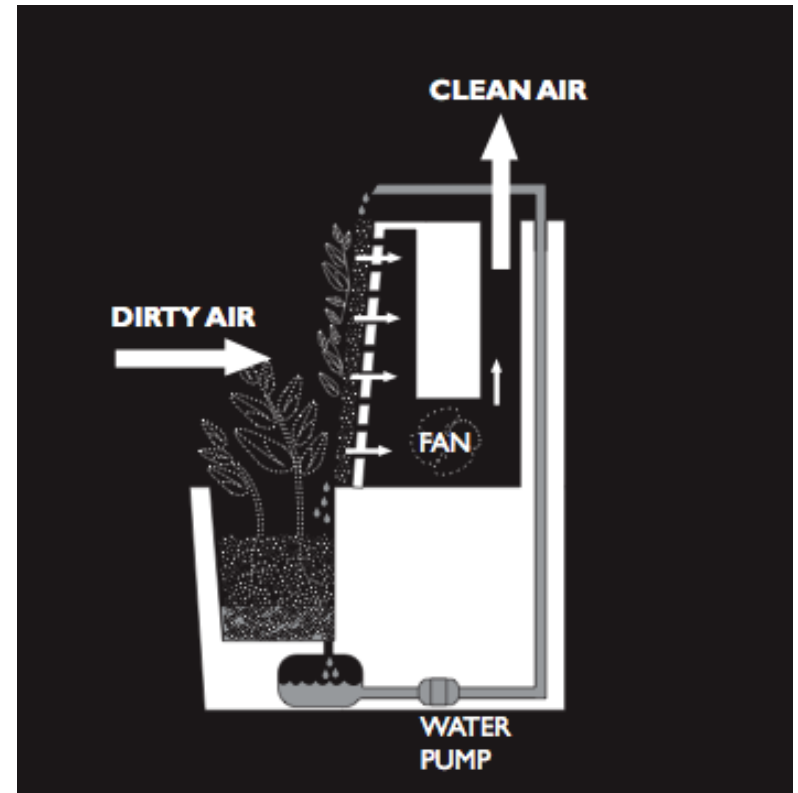


Community Centre + Library

EAST MARKHAM

LEED UPDATE

Living Wall



The Living Wall acts as bio-filtration system which cleanses the air by drawing it through a vertical wall of vegetation.

Community Centre + Library

EAST MARKHAM



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