# City of Greater Sudbury

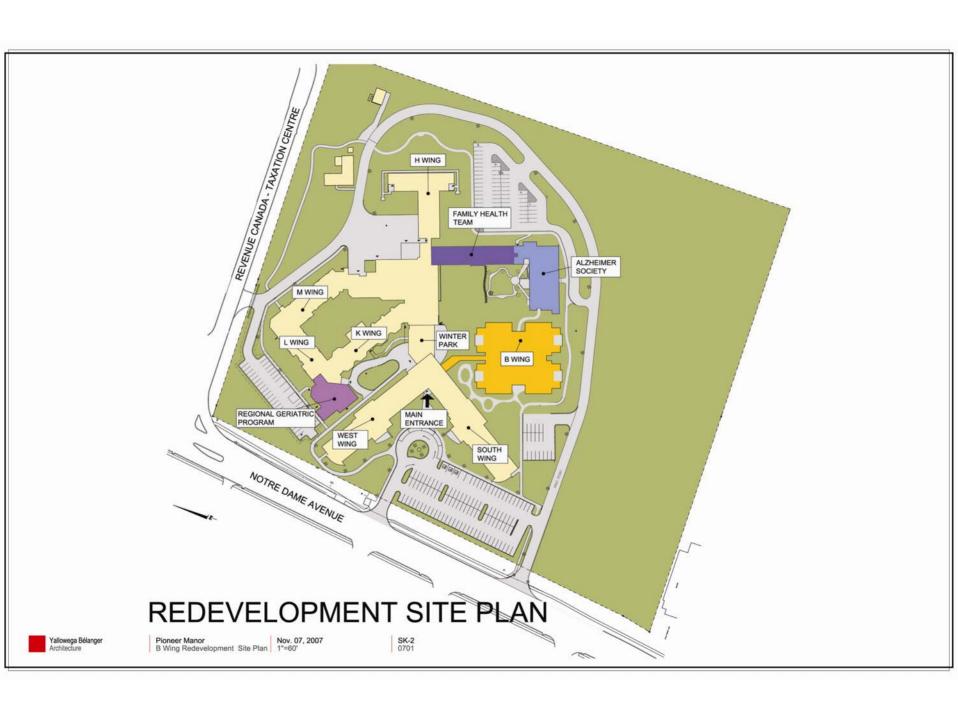
# Pioneer Manor B Wing 64 Bed Redevelopment

April 09, 2008



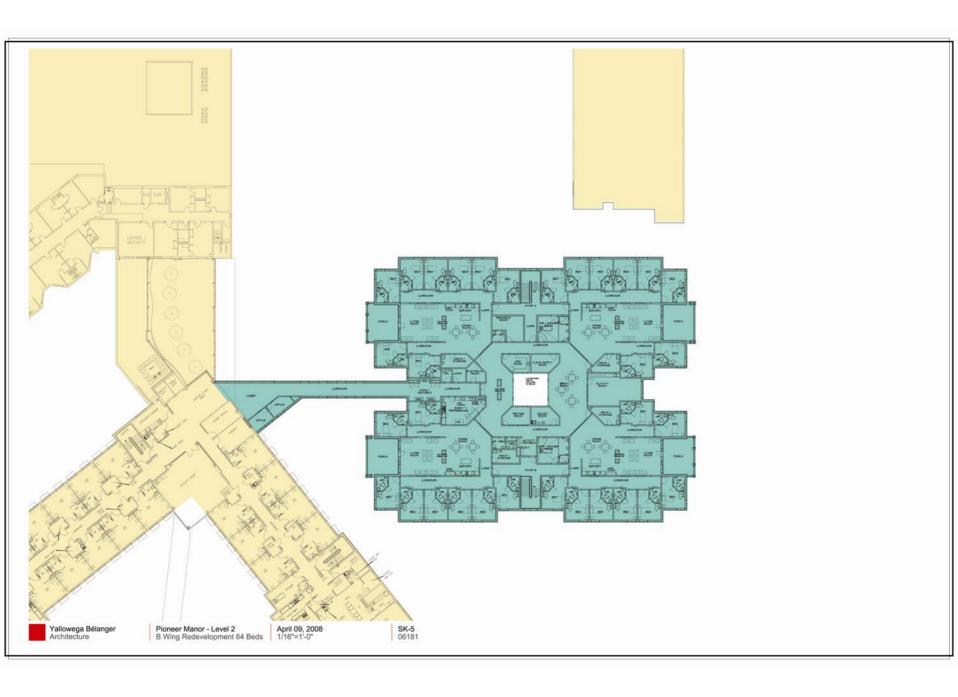
















Pioneer Manor B Wing 64 BED Redevelopment South Elevation



## **Project Schedule**

- Tender Documents March 2008 to August 2008
- Tender May 2008 & August 2008
- Construction Early summer 2008 to late 2009
- Occupancy Early 2010

### B Wing Redevelopment "Green" Elements

#### TRANSPORTATION

- Pioneer Manor is committed to encourage staff alternative transportation, car pooling dedicated parking, bicycle storage & showers.

#### LANDSCAPING

- Planting native vegetation requiring less municipal water and maintenance
- Providing white concrete pathways using slag to create cooler outdoor spaces in the summer for resident comfort.
- Incorporating gazebo structures to provide shaded activity areas for residents

#### LIGHTING

- Reducing exterior lighting pollution.
- Provide 30% more efficient lighting

#### WATER

- Incorporate a plumbing system that reduces municipal water consumption by 30%.

#### ENERGY

- Minimum 30% reduction in energy consumption
  - Heat recovery ventilation
  - Efficient building envelope & increased insulation values
  - Condensing boilers comfortable radiant heating
  - Solar hot water collectors on roof
  - Maximizing natural light & outdoor views



### B Wing Redevelopment "Green" Elements

#### PVC FREE

- Environmentally friendly, responsible, no VOC materials, targeting a PVC FREE environment

#### MATERIALS

- Salvaging & reusing some existing steel structure, lighting, doors, door hardware, sheet flooring, ceiling panels
- Providing white concrete pathways using slag to create cooler outdoor spaces in the summer for residents
- Specifying FSC Forestry Stewardship Certified sustainably harvested Northern Ontario wood
- High efficient fiberglass windows optimizing solar exposure

#### COMMISSIONING PLAN

 Pioneer Manor has appointed a commissioning agent to ensure optimum integration of mechanical and electrical systems.

#### RECYCLING

- Pioneer Manor is committed to implement a recycling and waste policy reinforcing existing practices

#### MAINTENANCE

- Pioneer Manor is committed to healthy "GREEN" cleaning products and practices in their efforts to providing a continually greener facility.

