

## POLICY DIRECTIONS

### Land Use:

- Identify suitable potential locations for a Neighbourhood Energy Centre to serve Marpole and the Cambie Corridor aligned with locations that support higher densities.

### Neighbourhood Energy:

- Ensure new large developments are designed to be easily connectable to a neighbourhood energy system.

### Green Building Design:

- Maximize environmental performance of all new buildings.

### Energy Conservation and Retrofits:

- Encourage energy conservation of existing buildings through partnership and incentive programs for energy efficiency retrofits.

### Preparing for Climate Change:

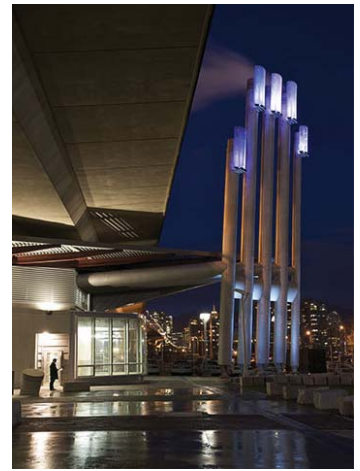
- Complete a flood management strategy for the Fraser River shoreline. Meet flood construction levels and implement flood resilient design in flood prone areas.
- Work with community groups to identify actions to decrease the risk of heat related illness. Actions could include identification of community or building cool refuges, volunteer heat registries and patrols etc.
- Encourage stewardship of trees, green spaces and green stormwater infrastructure (i.e. rain gardens, bioswales). Plant shade trees where appropriate and species that are hardy in changing climate conditions.

New!

## ENERGY SYSTEMS

### Neighbourhood Energy Systems:

Heating for a neighbourhood or community can be produced through steam or hot water piped underground to individual buildings. Neighbourhood energy systems can use a variety of technologies including: sewer heat recovery, combustion and gasification of wood, and geo-exchange. The viability of district energy systems is based on having sufficient thermal energy density or energy demand in an area.



Energy Centre, Southeast False Creek



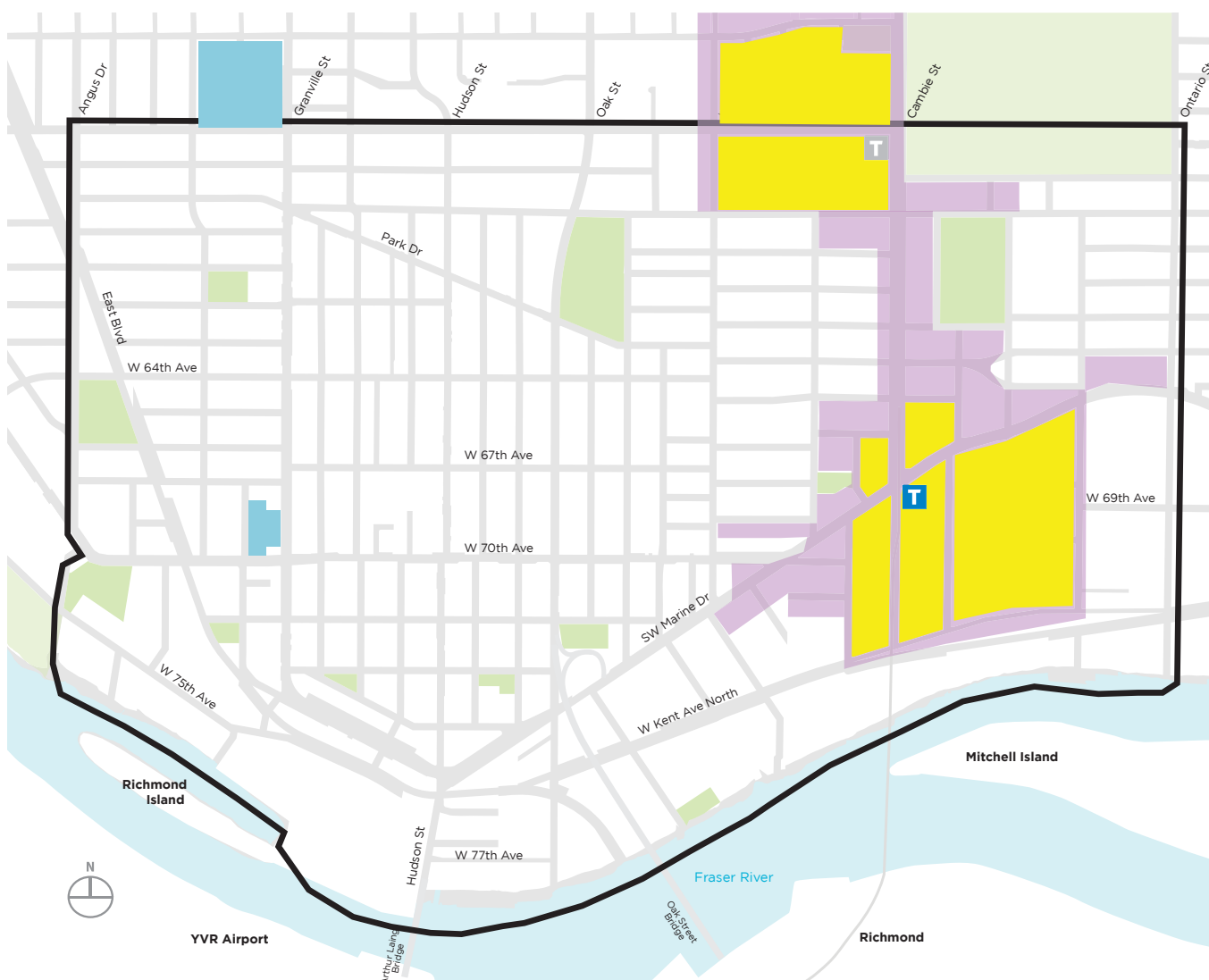
Laneway designed with natural stormwater management features.



Flooding in September, 2009.



Solar array and green roof atop the Net Zero building.



## NEIGHBOURHOOD ENERGY

### LEGEND

- Existing Park
- Transit Station
- Future Canada Line Station
- Key Site for Potential District Energy Facilities
- Area Potentially Heated by District Energy
- On-site renewable energy system (Shannon Mews and Safeway site)



## POLICY DIRECTIONS

### Children, Youth and Families

- Continue to explore opportunities to co-locate community facilities that provide resources and programs for children, youth, seniors, and families in Marpole.
- Ensure high quality, neighbourhood-specific programs and services for children, families, and seniors, with continued connections to Marpole-Oakridge Community Centre, Marpole Place and Marpole Oakridge Family Place.



### Support for Seniors

- When relocating or upgrading facilities, ensure that community facilities have strong transit connectivity and are adapted to consider the ease of mobility, location, and affordability for seniors.



### Support for Newcomers

- Ensure culturally-relevant programming for newcomers and immigrant seniors within community facilities.
- Through City grants, continue to support non-profit immigrant service providers that are within walking distance of areas of Marpole with many new immigrants.
- Locate, where appropriate, gardens or fruit orchards in higher density areas to increase access for newcomers and low-income communities who have limited food growing spaces, such as Lower Hudson.
- Prioritize access to community gardens for newcomers by improving the City's community garden application process.



### Childcare Facilities

- Encourage the location of childcare facilities near commercial and residential developments, particularly in the areas south of W 70th Avenue, Granville Street, and along SW Marine Drive.
- Encourage childcare facilities in convenient pick-up and drop-off locations, such as along major transit corridors, Granville Street and near the Canada Line stations.
- Continue supporting and expanding childcare facilities and building upgrades through grant programs and financing growth tools.



### Just and Sustainable Food Systems

- Support the conversion of underused spaces into food-producing gardens especially at rental housing with limited growing opportunities (e.g., balconies or rooftop gardens), or converting traffic loops to support larger food production sites (e.g., Oak Street loop at Eburne Park ).
- Continue partnering with Vancouver Park Board and Vancouver School Board to identify sites for community food production in suitable parks and school sites to strengthen educational opportunities for youth and community development.
- Consider providing financial or resource support for community gardens on private property, such as churches or apartments, to better support food initiatives for vulnerable communities.
- Expand healthy food retail options, such as food trucks, adjacent to schools (e.g., Churchill) and along commercial corridors (e.g., Lower Hudson and Oak Street) to provide youth with food options, enliven the public realm and support local job creation.
- Enhance communication with residents about funding, programming, and educational opportunities for community food initiatives.

Youth Agree!

