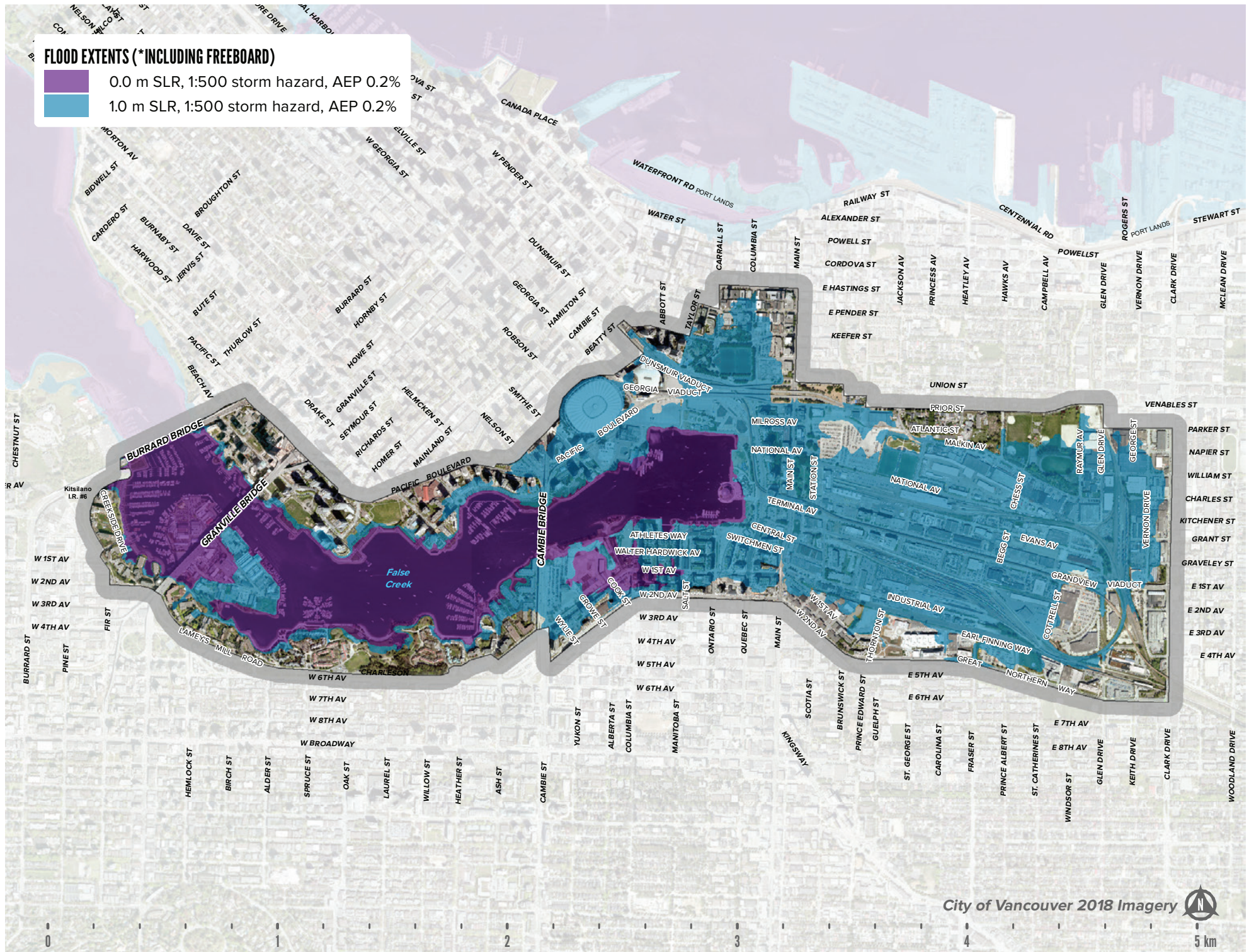


COASTAL ADAPTATION

Map Atlas **FALSE CREEK**

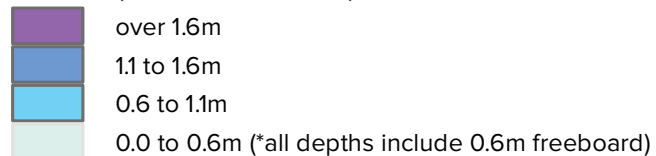
FLOOD EXTENTS (*INCLUDING FREEBOARD)

- 0.0 m SLR, 1:500 storm hazard, AEP 0.2%
- 1.0 m SLR, 1:500 storm hazard, AEP 0.2%



FLOOD DEPTHS

1.0 m SLR, 1:500 storm hazard, AEP 0.2%



Note:

3.94m GD. Geodetic Datum (GD) in this study refers to the GVD28GVRD vertical datum (using HTMVBC00 geoid). Conversion from Chart Datum (CD) to Geodetic Datum (GD) is -3.1m based upon Point Atkinson data from Canadian Hydrographic Service at the time of the 2015 Coastal Flood Risk Assessment report for the City of Vancouver.



City of Vancouver 2018 Imagery



5 km

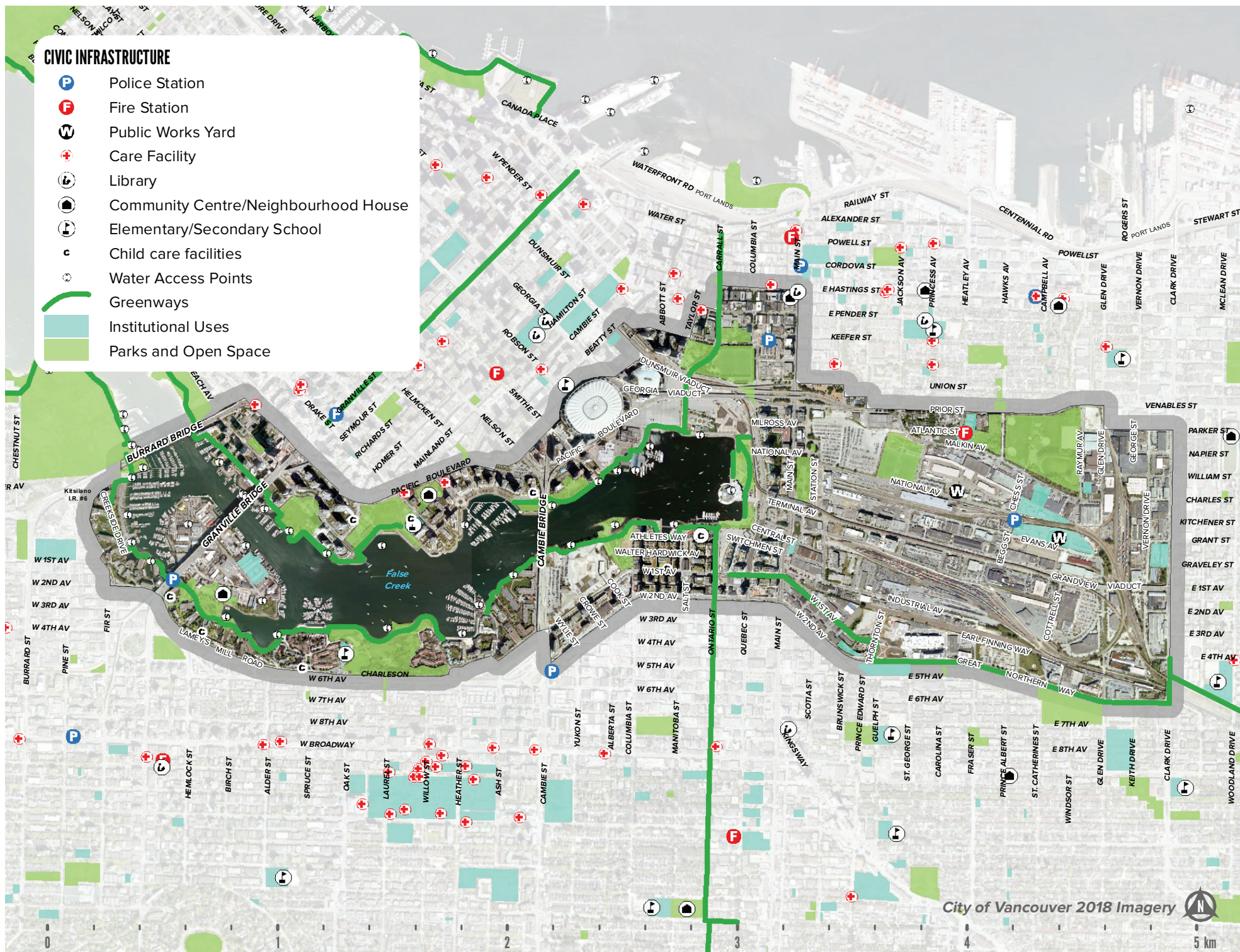
Planned, approximate

Existing (Revetments, Sea Wall, Sheet Pile)



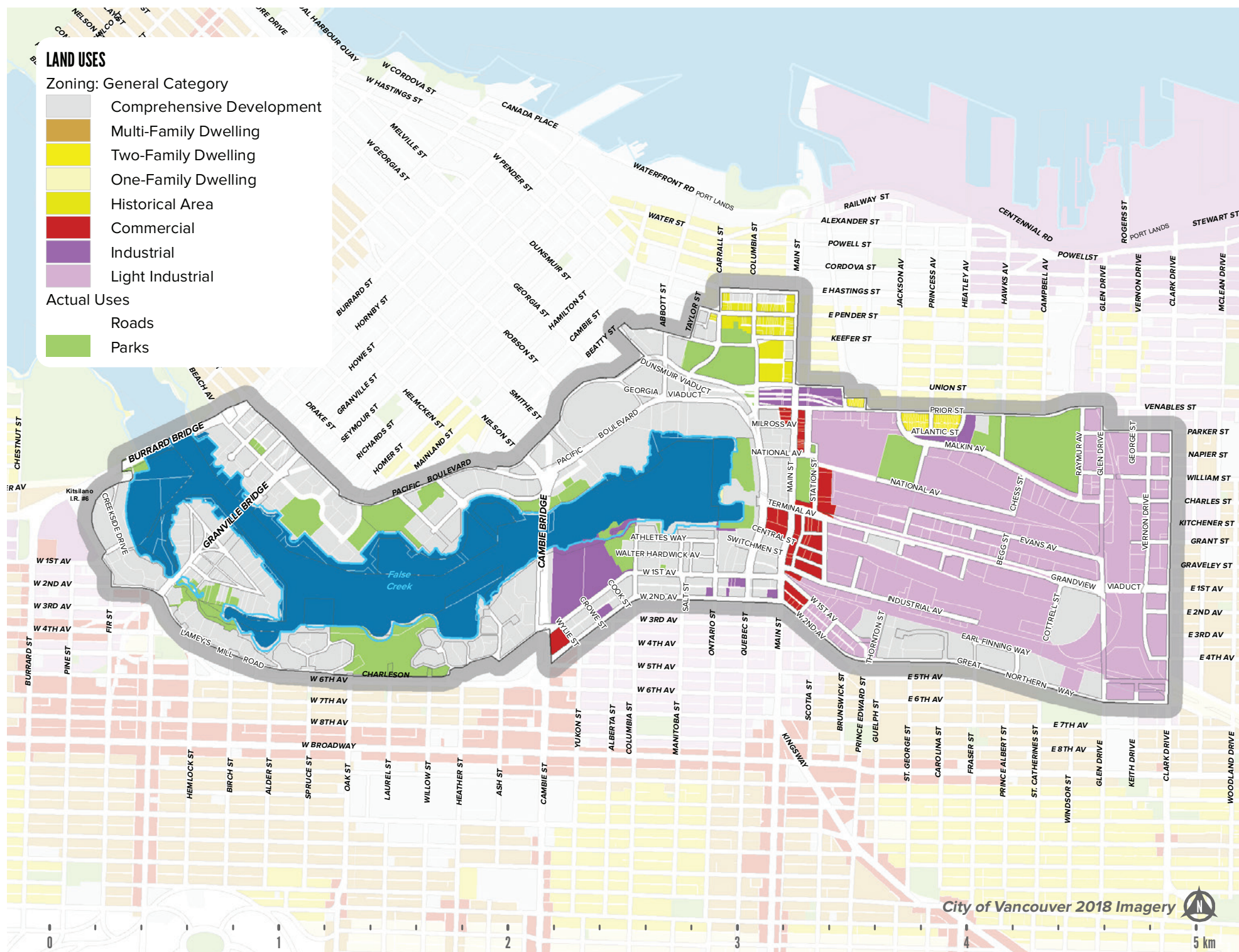
CIVIC INFRASTRUCTURE

-  Police Station
-  Fire Station
-  Public Works Yard
-  Care Facility
-  Library
-  Community Centre/Neighbourhood House
-  Elementary/Secondary School
-  Child care facilities
-  Water Access Points
-  Greenways
-  Institutional Uses
-  Parks and Open Space

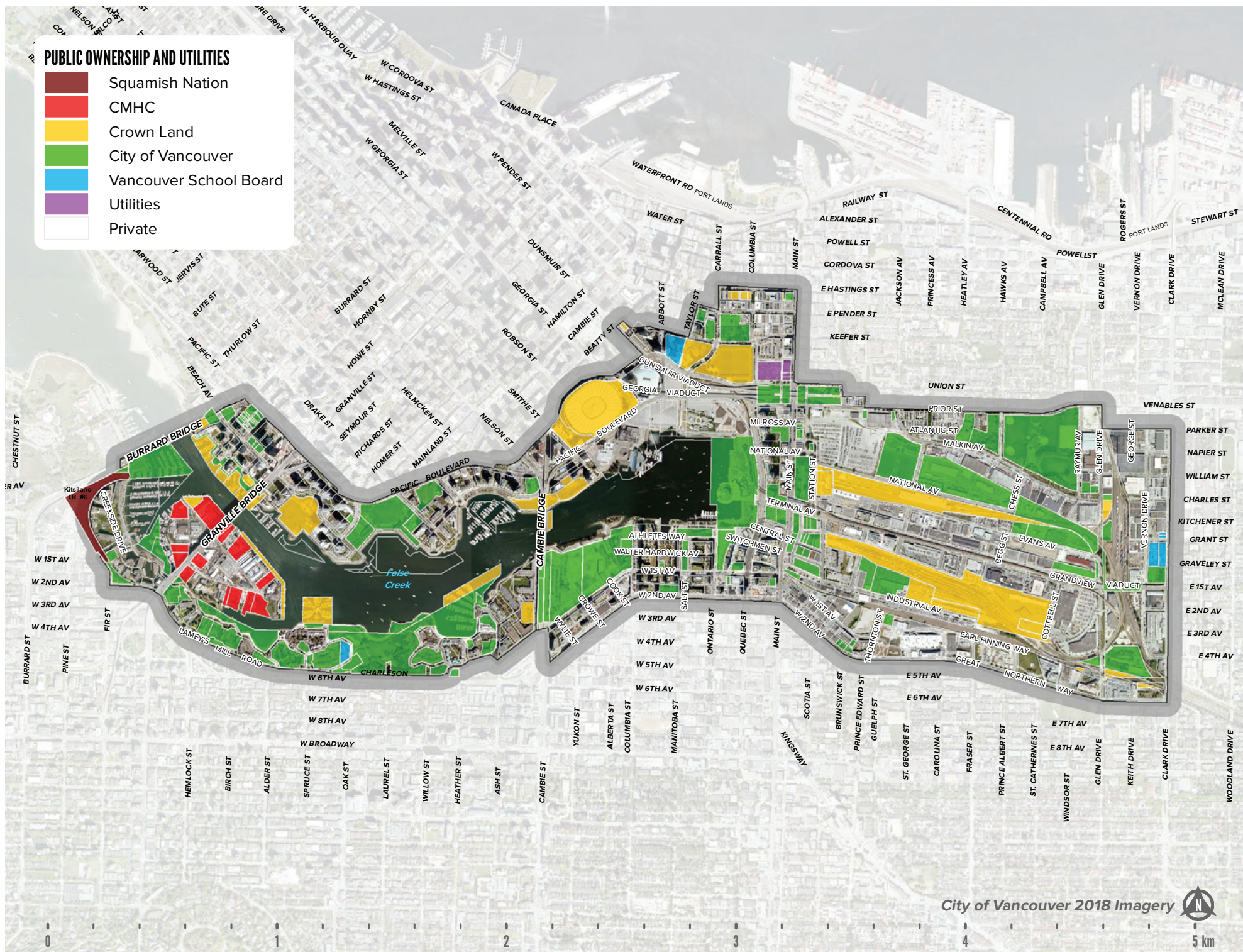


Actual Uses

- Roads
- Parks
- Comprehensive Development
- Multi-Family Dwelling
- Two-Family Dwelling
- One-Family Dwelling
- Historical Area
- Commercial
- Industrial
- Light Industrial

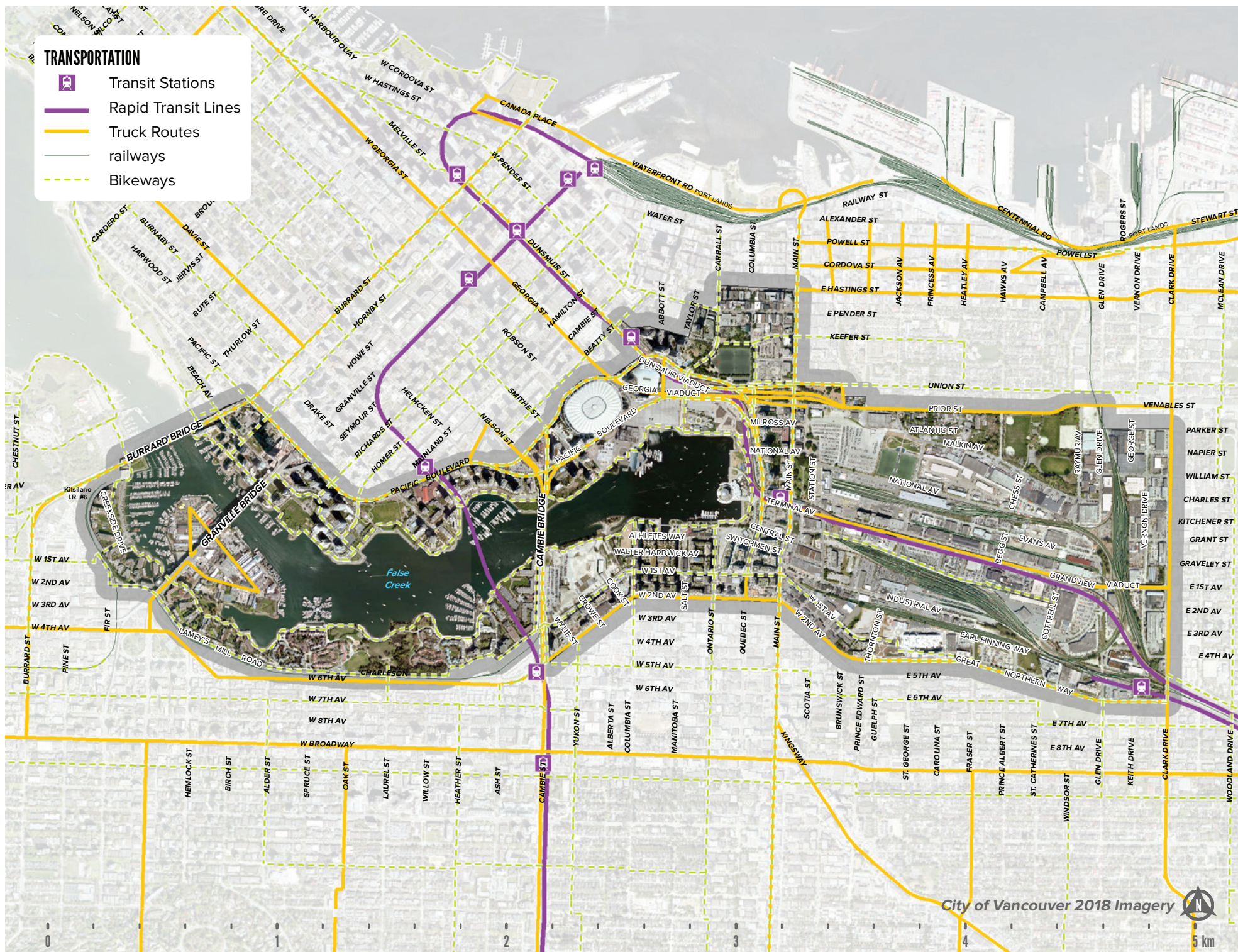


	Squamish Nation
	CMHC
	Crown Land
	City of Vancouver
	Vancouver School Board
	Utilities
	Private



TRANSPORTATION

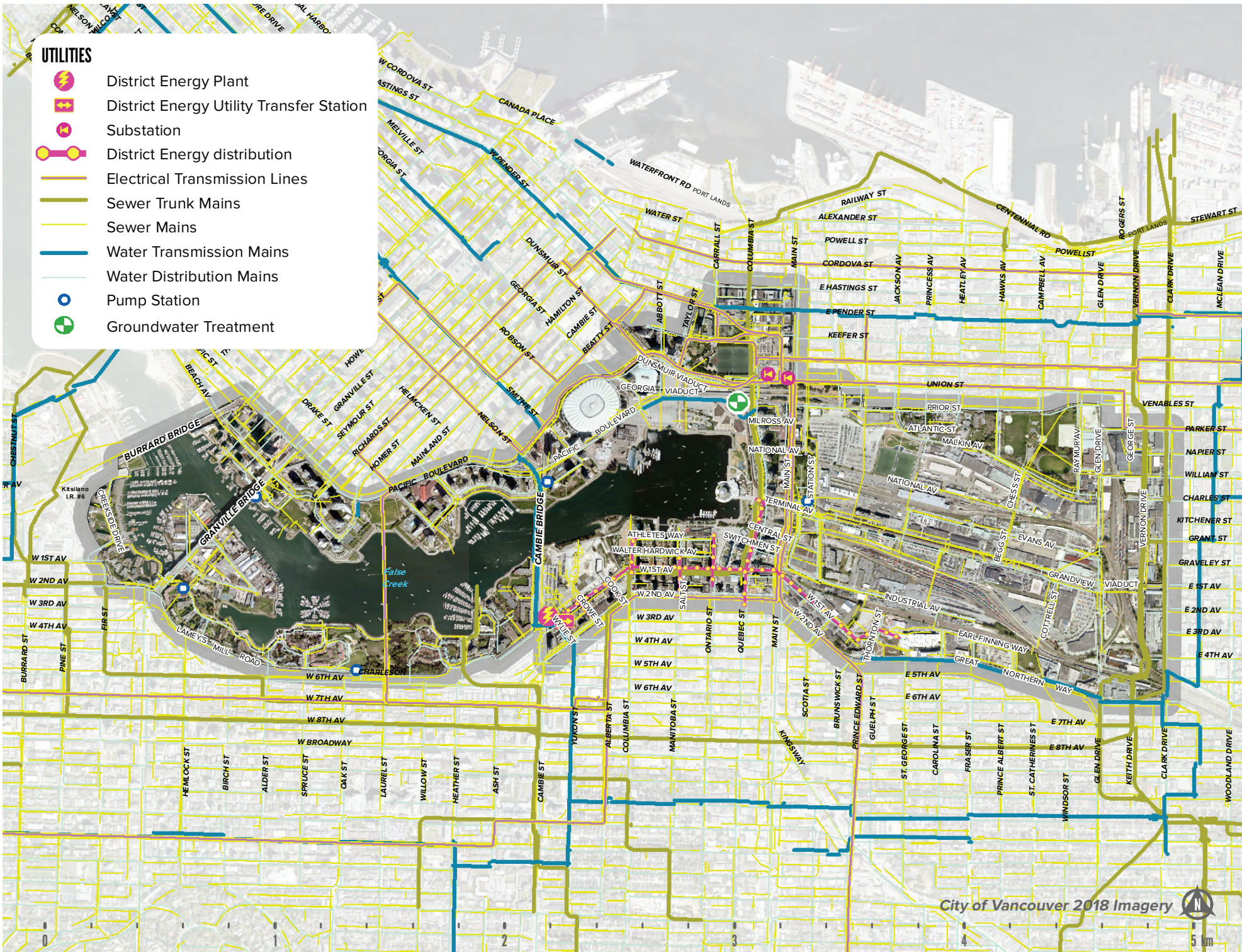
-  Transit Stations
-  Rapid Transit Lines
-  Truck Routes
-  railways
-  Bikeways



City of Vancouver 2018 Imagery



5 km



 Foreshore Habitat - Low Productivity
 Biodiversity Hotspot
 City Parks

Biodiversity Hotspot

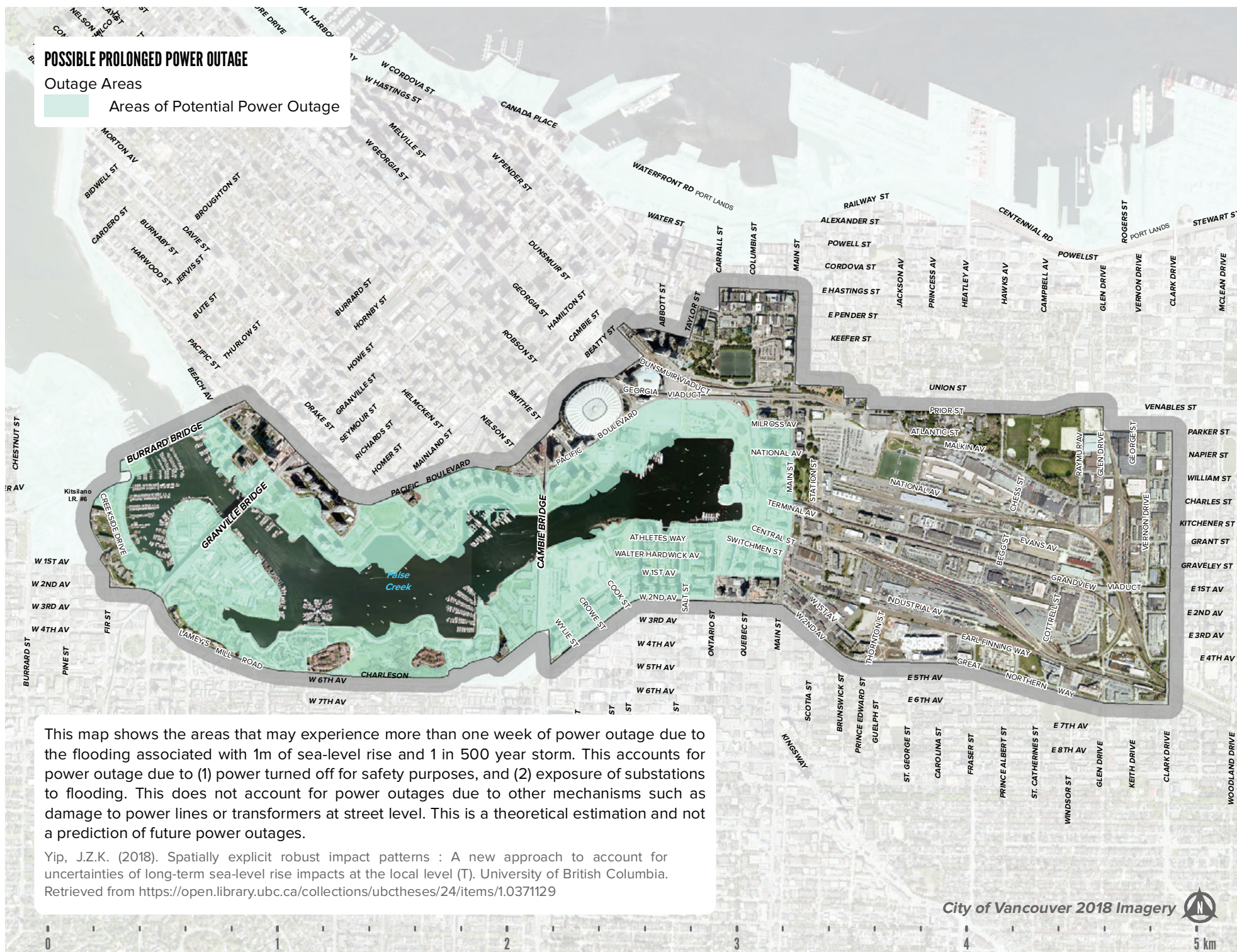
City Parks



POSSIBLE PROLONGED POWER OUTAGE

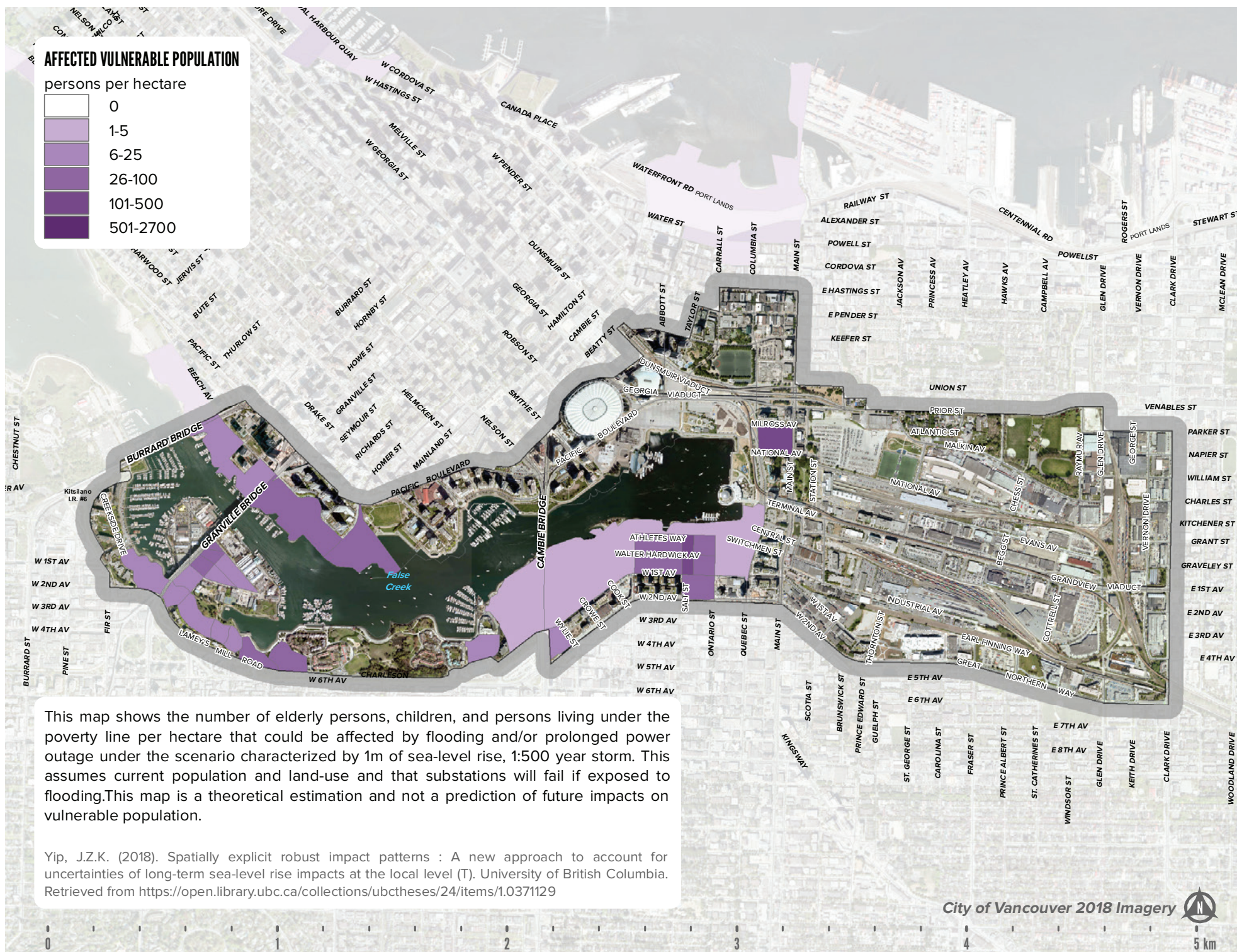
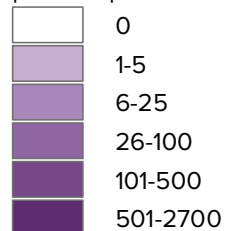
Outage Areas

Areas of Potential Power Outage



AFFECTED VULNERABLE POPULATION

persons per hectare



This map shows the number of elderly persons, children, and persons living under the poverty line per hectare that could be affected by flooding and/or prolonged power outage under the scenario characterized by 1m of sea-level rise, 1:500 year storm. This assumes current population and land-use and that substations will fail if exposed to flooding. This map is a theoretical estimation and not a prediction of future impacts on vulnerable population.

Yip, J.Z.K. (2018). Spatially explicit robust impact patterns : A new approach to account for uncertainties of long-term sea-level rise impacts at the local level (T). University of British Columbia. Retrieved from <https://open.library.ubc.ca/collections/ubctheses/24/items/1.0371129>

City of Vancouver 2018 Imagery



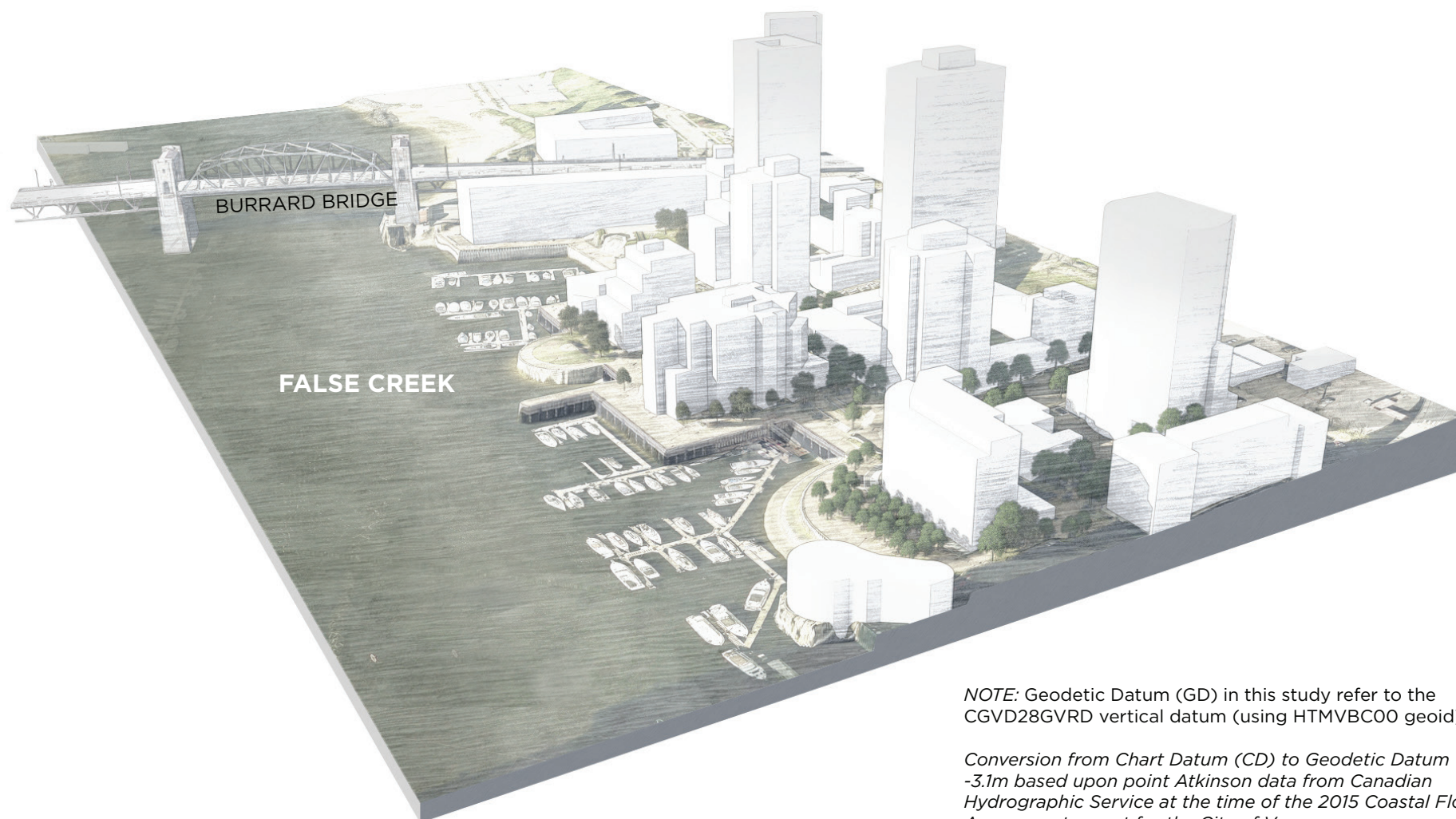
5 km

SEA2CITY False Creek

Key Map



Between Bridges

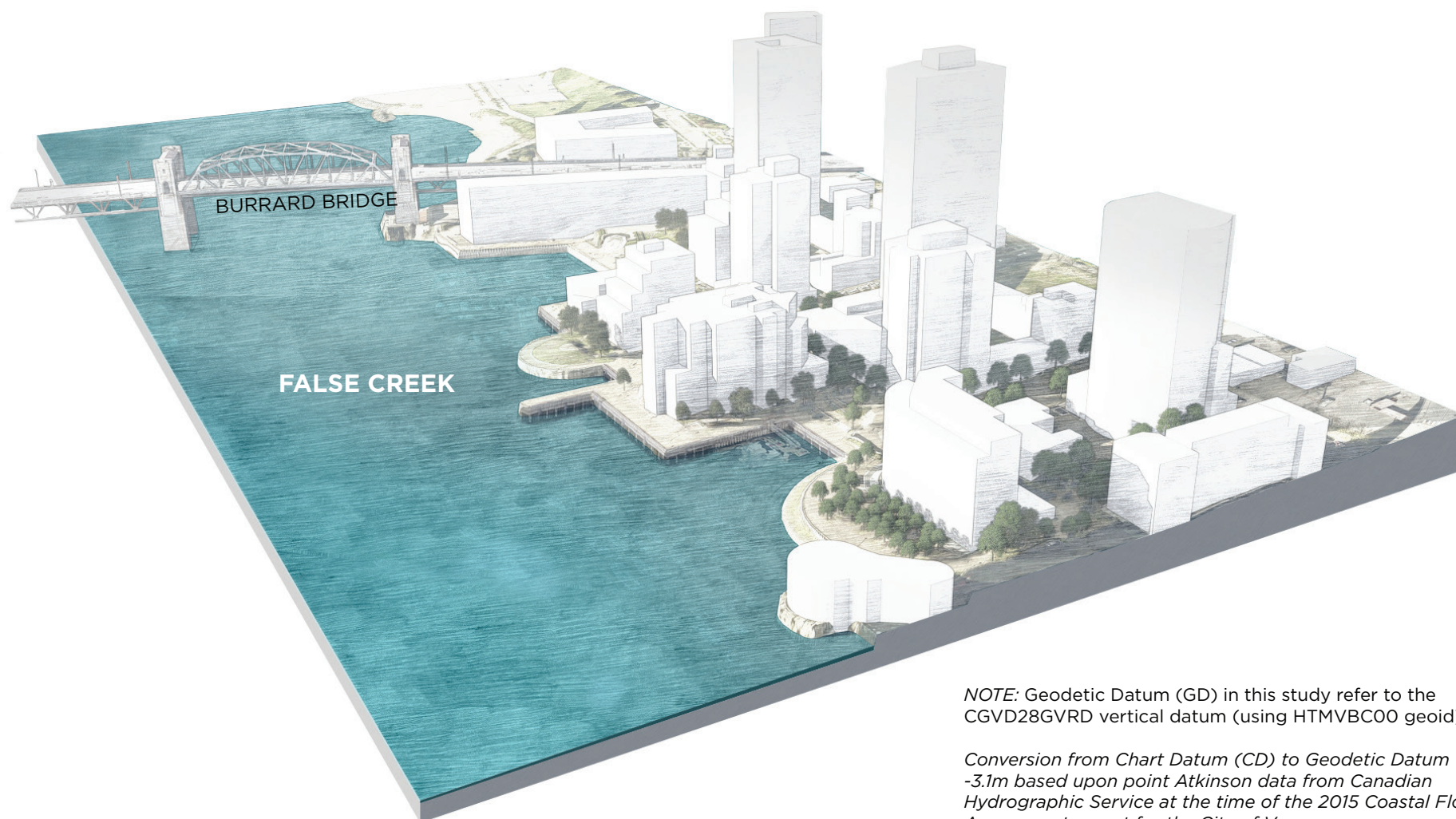


NOTE: Geodetic Datum (GD) in this study refer to the CGVD28GVRD vertical datum (using HTMVBC00 geoid).

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Between Bridges

Today



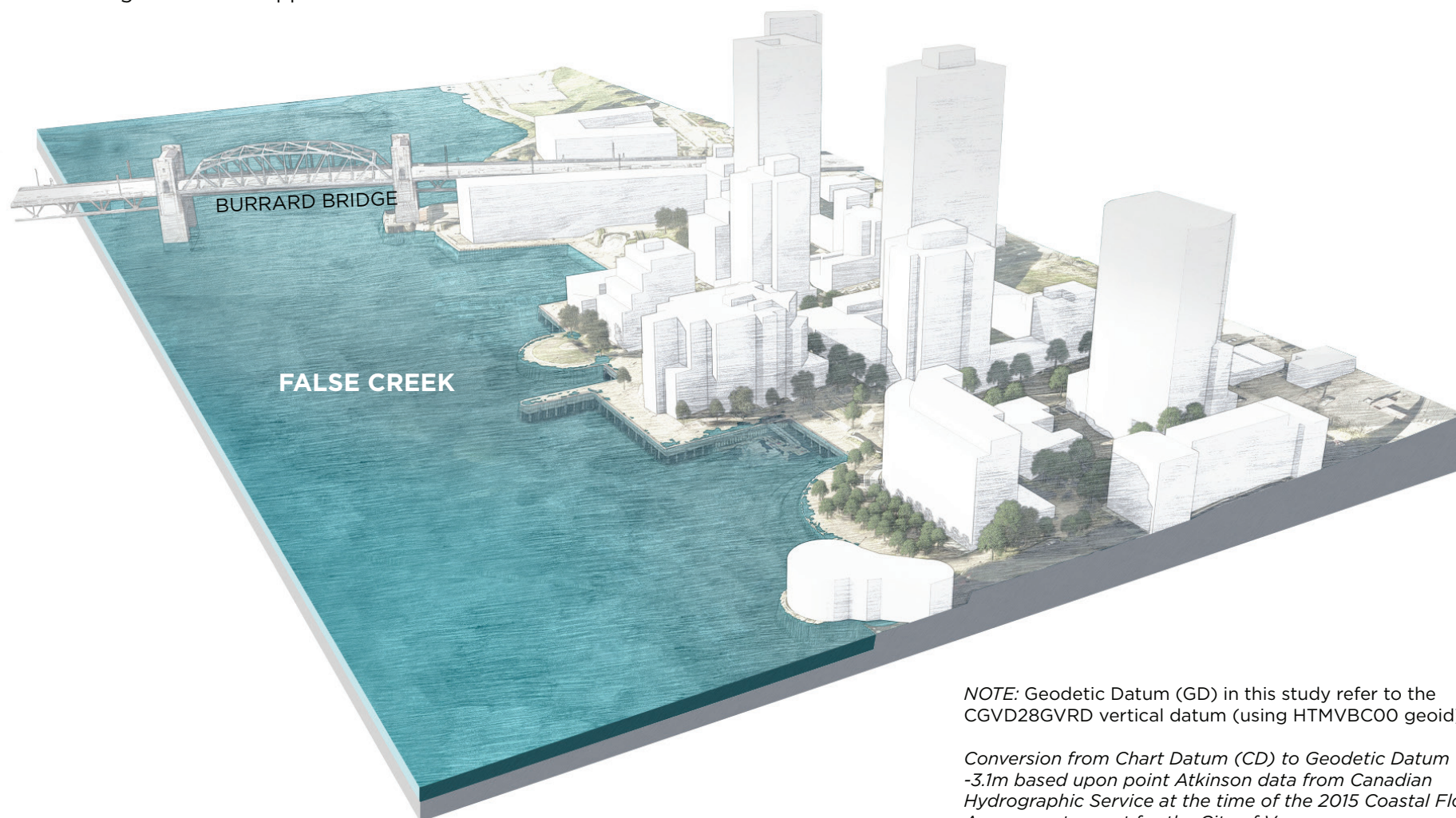
NOTE: Geodetic Datum (GD) in this study refer to the CGVD28GVRD vertical datum (using HTMVBC00 geoid).

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Between Bridges

Shoreline water level mean estimate 1:500yr today

Water level along the shore is approx 2.94m GD



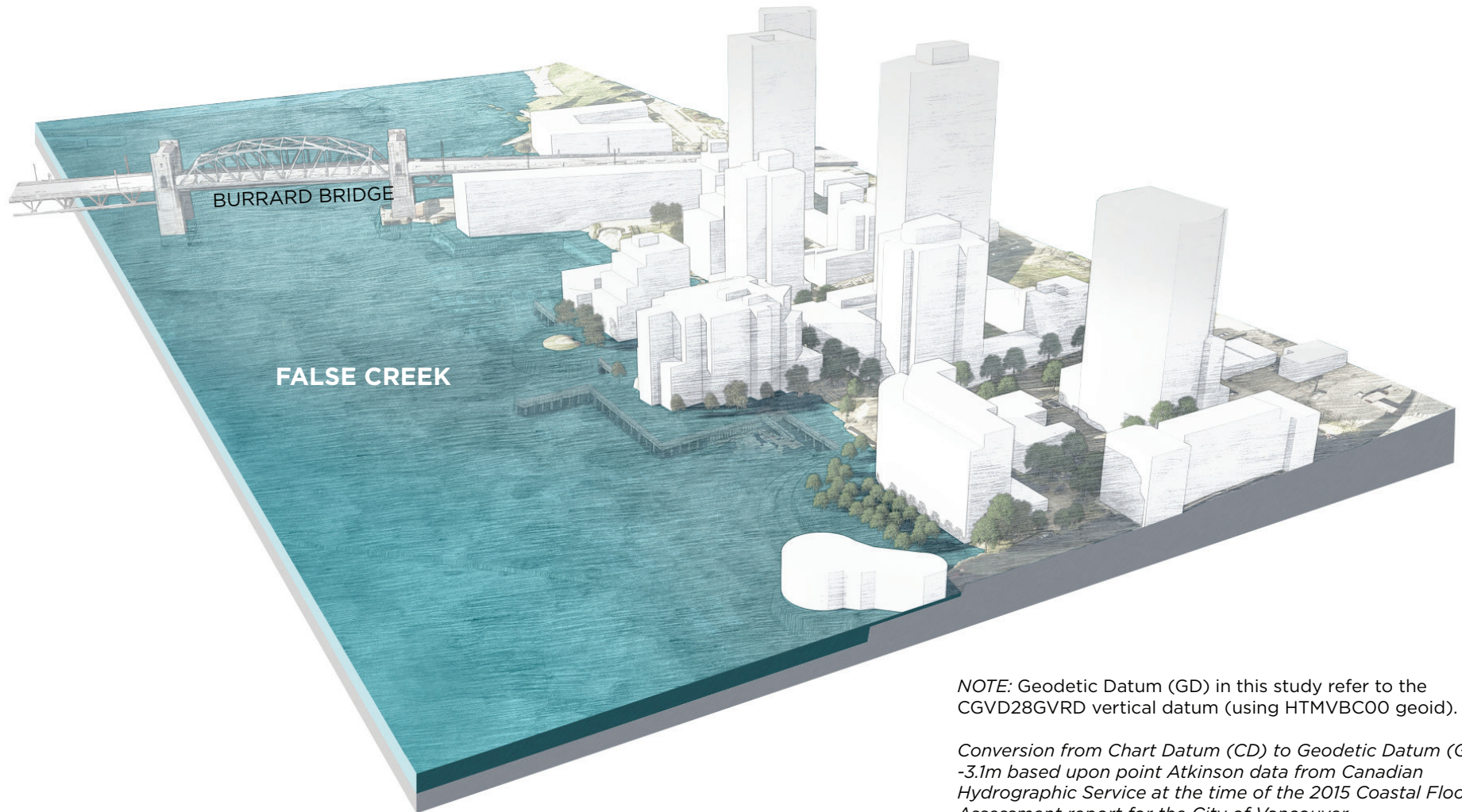
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Between Bridges

Shoreline water level mean estimate 1:500yr +1m

Water level along the shore is approx 3.94m GD



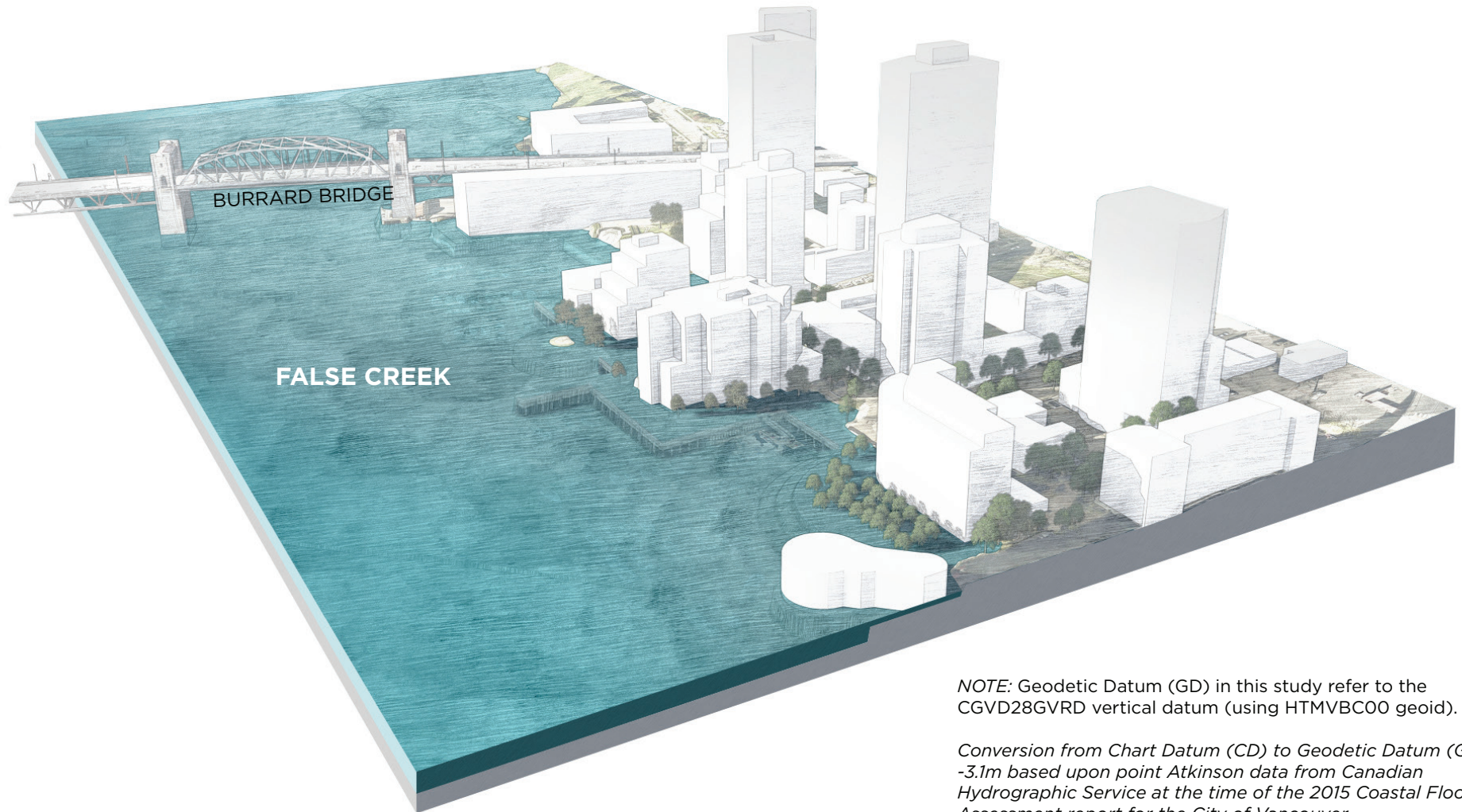
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Between Bridges

Shoreline water level mean estimate 1:500yr +1.4m

Water level along the shore is approx 4.34m GD



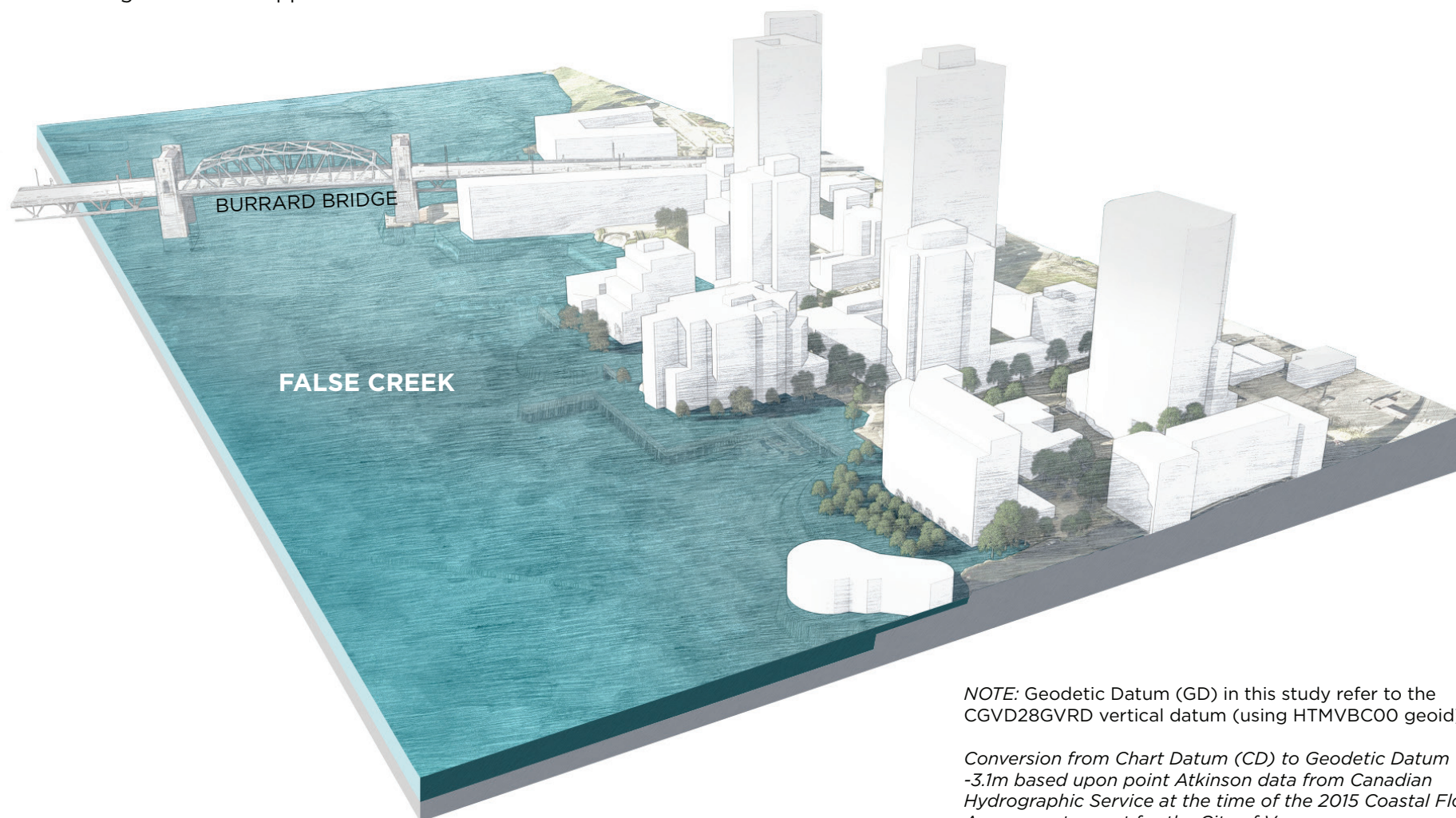
NOTE: Geodetic Datum (GD) in this study refer to the CGVD28GVRD vertical datum (using HTMVBC00 geoid).

Conversion from Chart Datum (CD) to Geodetic Datum (GD) is -3.1m based upon point Atkinson data from Canadian Hydrographic Service at the time of the 2015 Coastal Flood Risk Assessment report for the City of Vancouver

Between Bridges

Shoreline water level mean estimate 1:500yr +2m

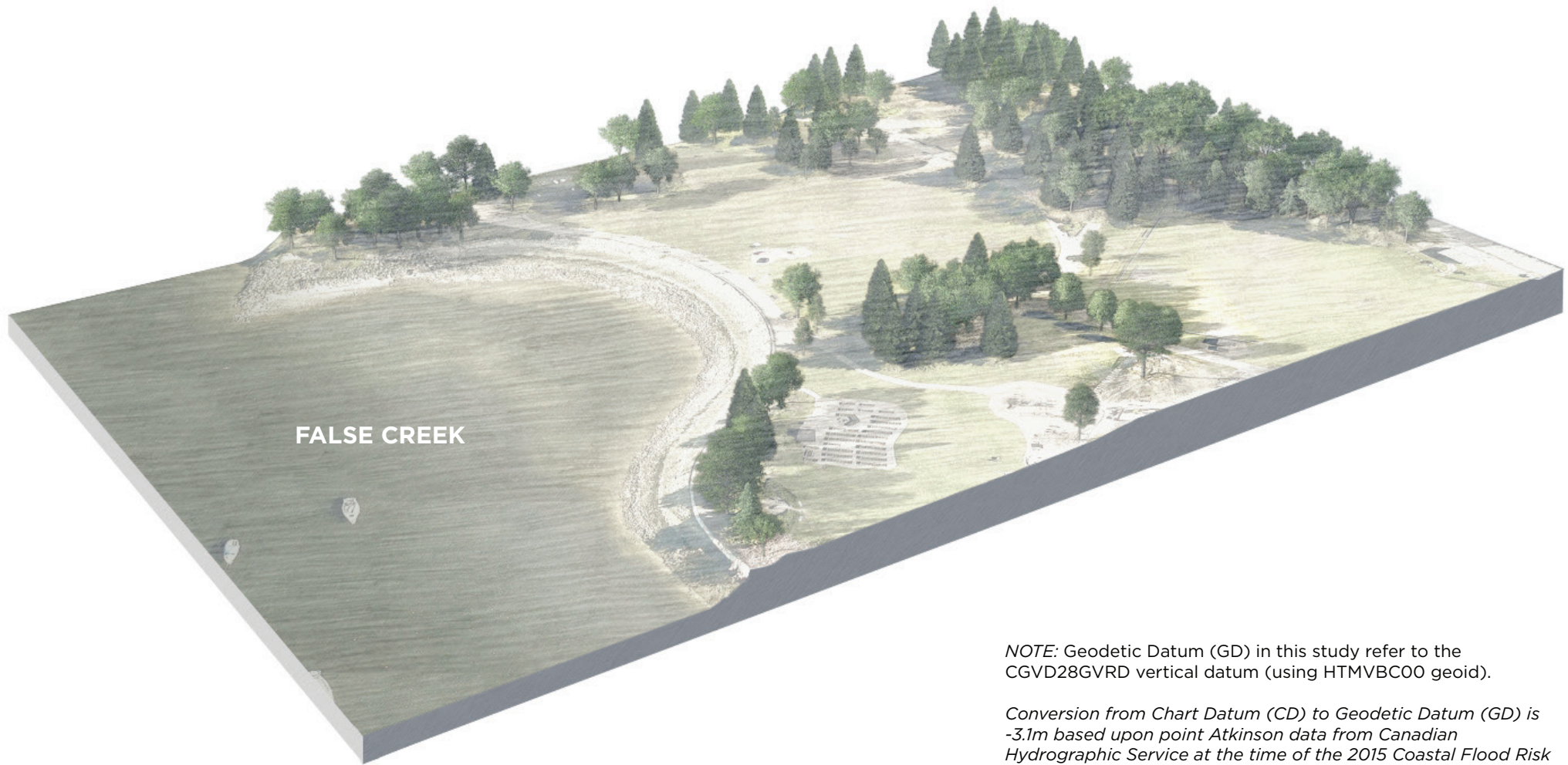
Water level along the shore is approx 4.94m GD



NOTE: Geodetic Datum (GD) in this study refer to the CGVD28GVRD vertical datum (using HTMVBC00 geoid).

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Charleson Park

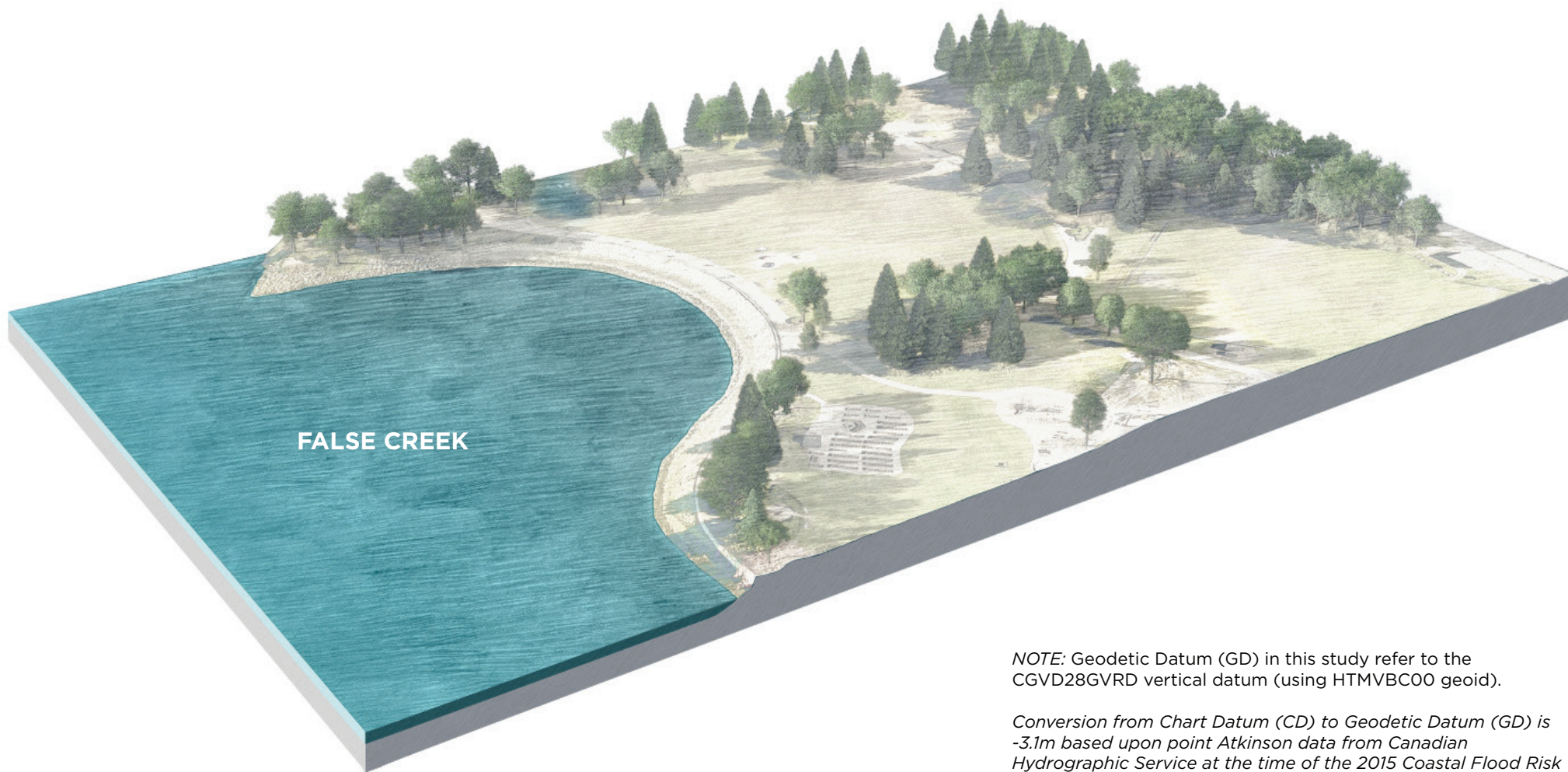


NOTE: Geodetic Datum (GD) in this study refer to the CGVD28GVRD vertical datum (using HTMVBC00 geoid).

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Charleson Park

Today



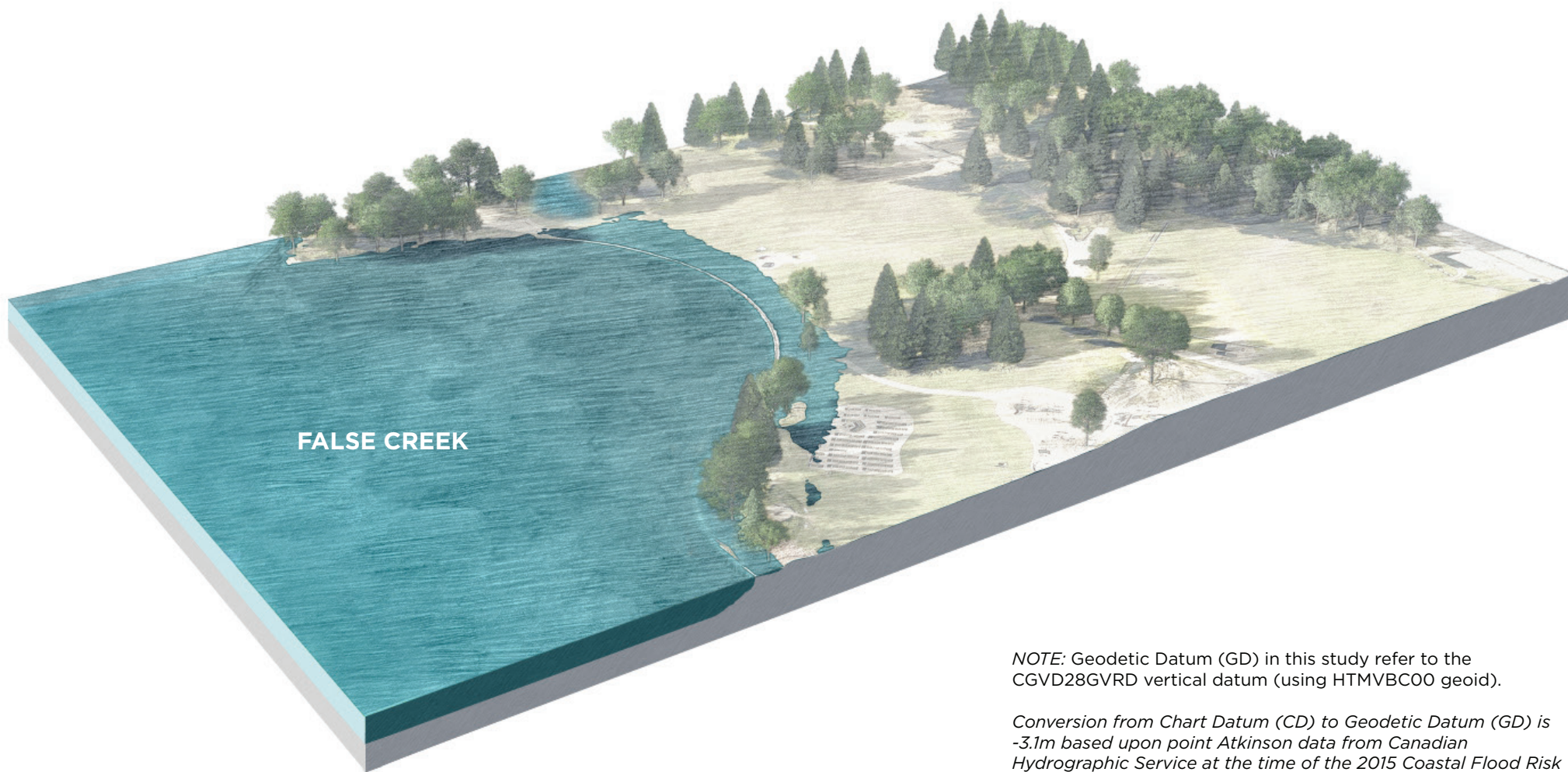
NOTE: Geodetic Datum (GD) in this study refer to the CGVD28GVRD vertical datum (using HTMVBC00 geoid).

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Charleson Park

Shoreline water level mean estimate 1:500yr today

Water level along the shore is approx 2.94m GD



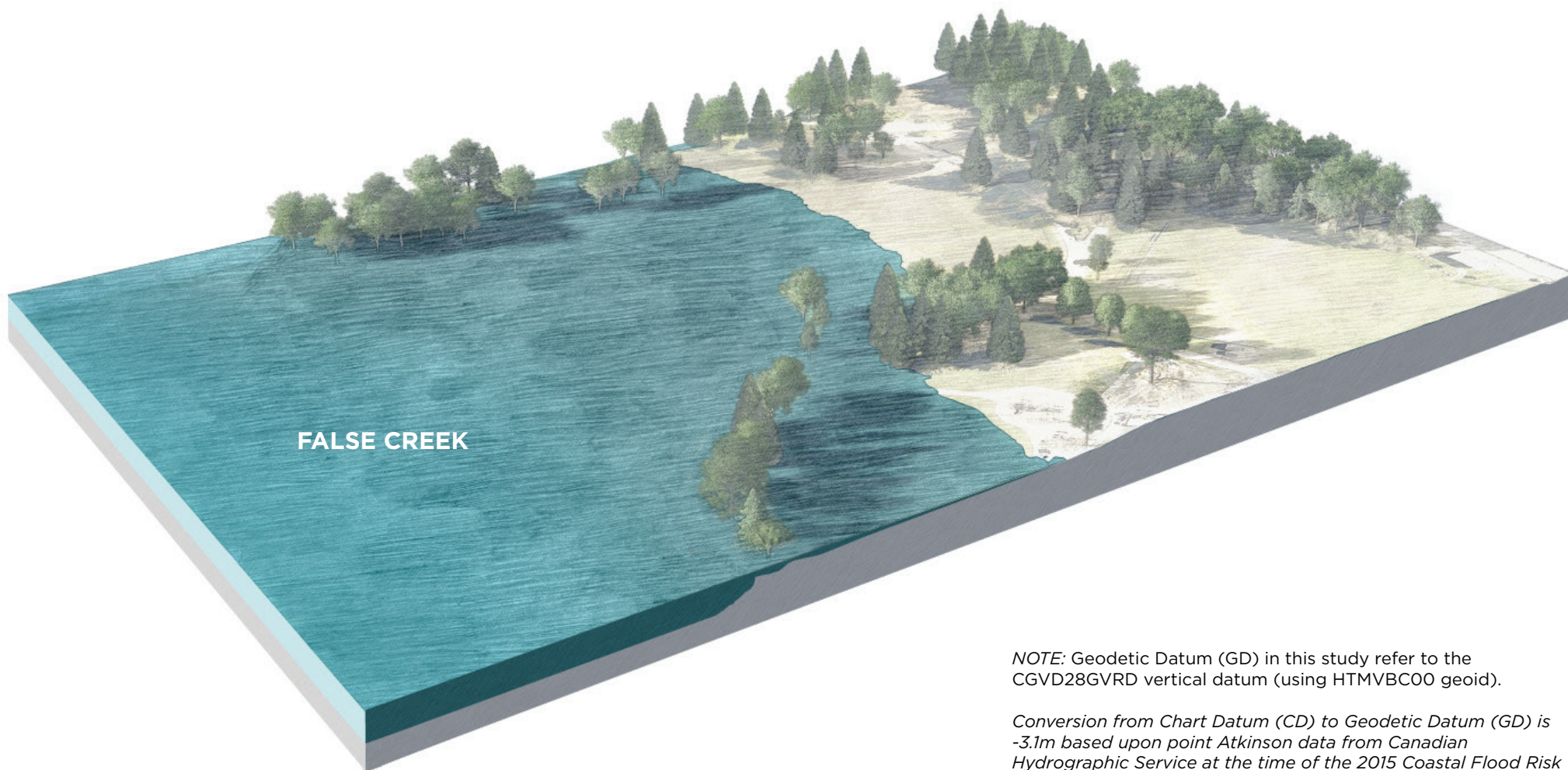
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Charleson Park

Shoreline water level mean estimate 1:500yr +1m

Water level along the shore is approx 3.94m GD



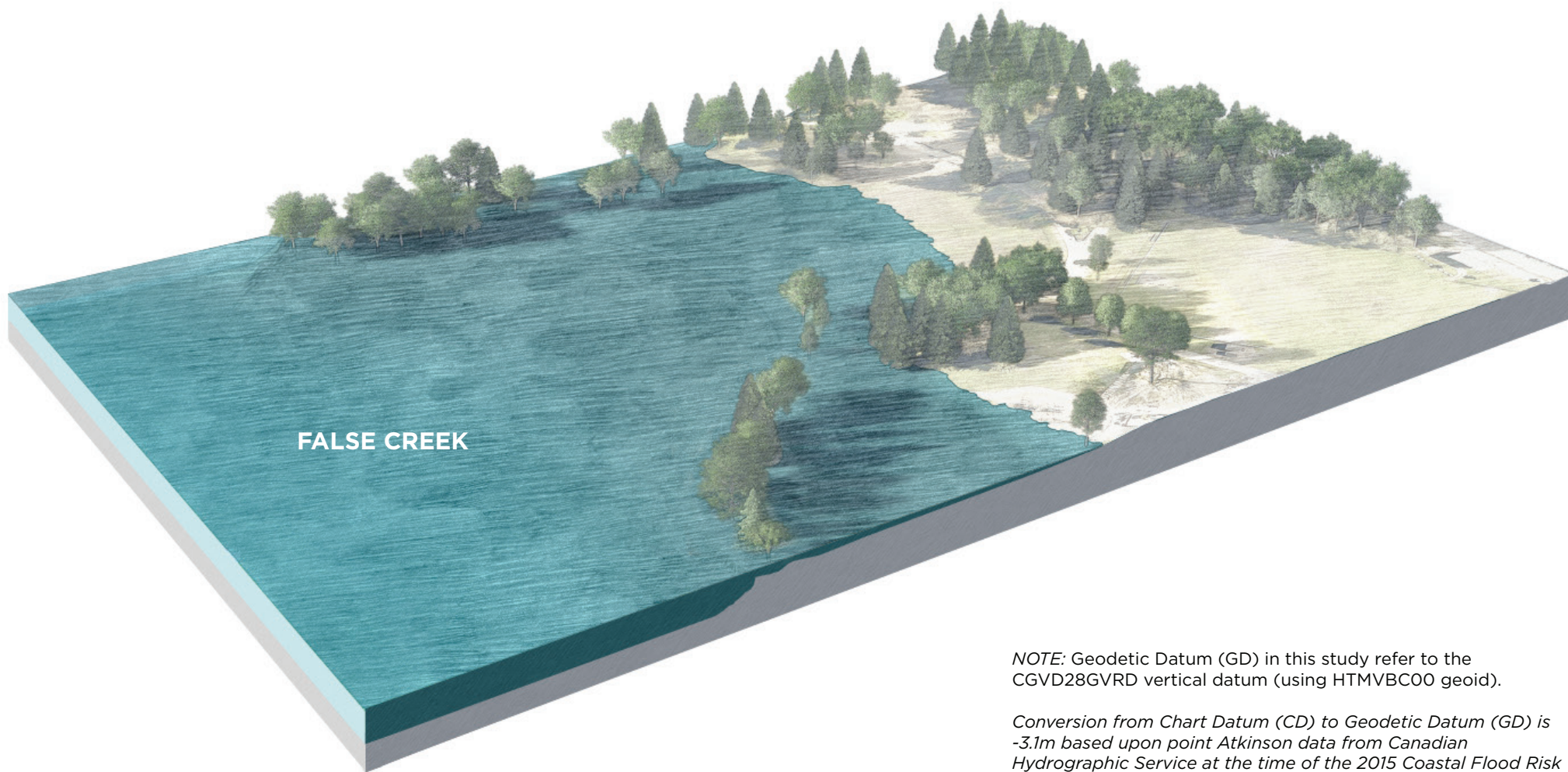
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Charleson Park

Shoreline water level mean estimate 1:500yr +1.4m

Water level along the shore is approx 4.34m GD



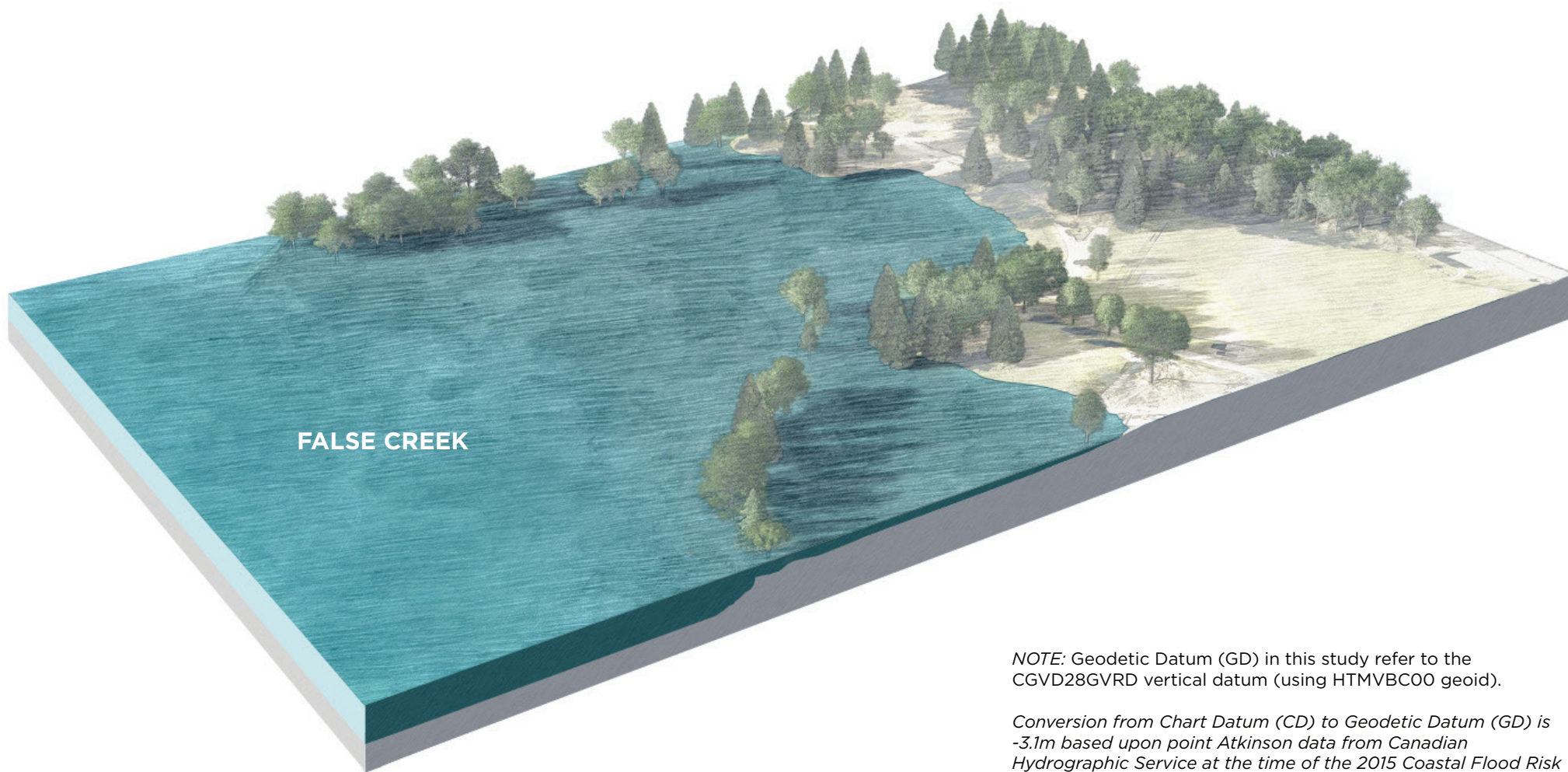
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Charleson Park

Shoreline water level mean estimate 1:500yr +2m

Water level along the shore is approx 4.94m GD



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East of Cambie

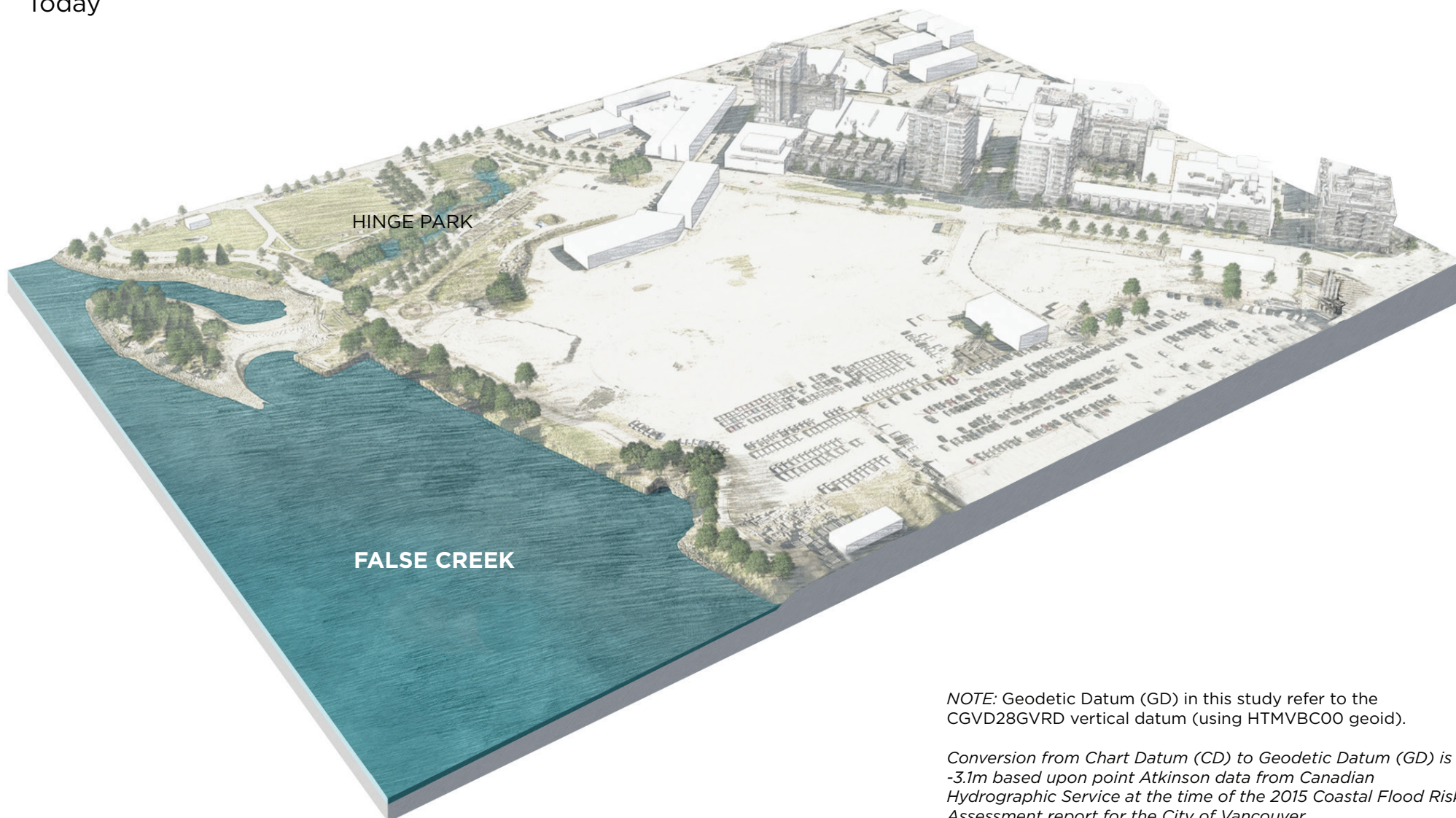


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East of Cambie

Today



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East of Cambie

Shoreline water level mean estimate 1:500yr today

Water level along the shore is approx 2.94m GD

Lorem ipsum

HINGE PARK

FALSE CREEK

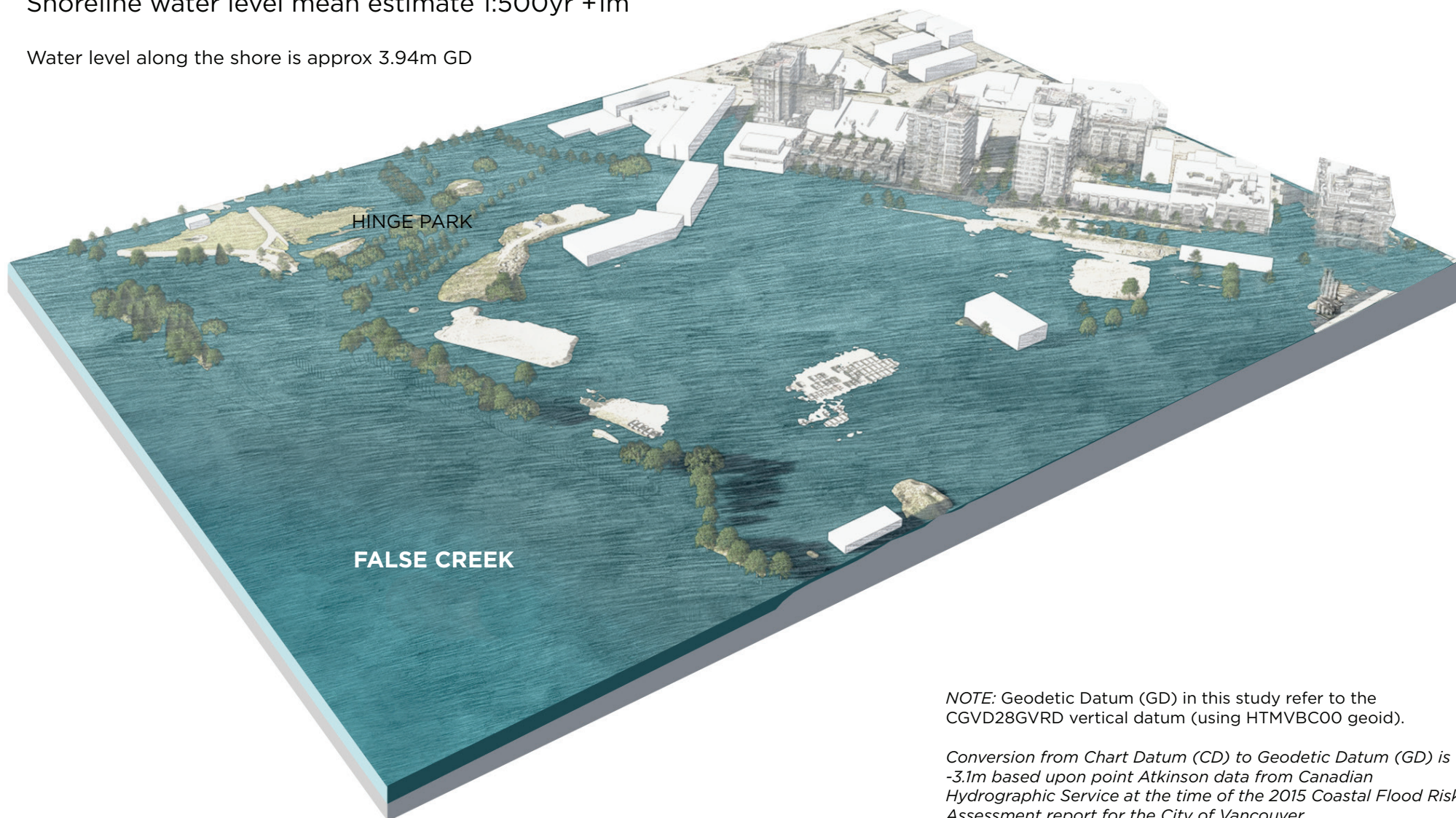
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East of Cambie

Shoreline water level mean estimate 1:500yr +1m

Water level along the shore is approx 3.94m GD



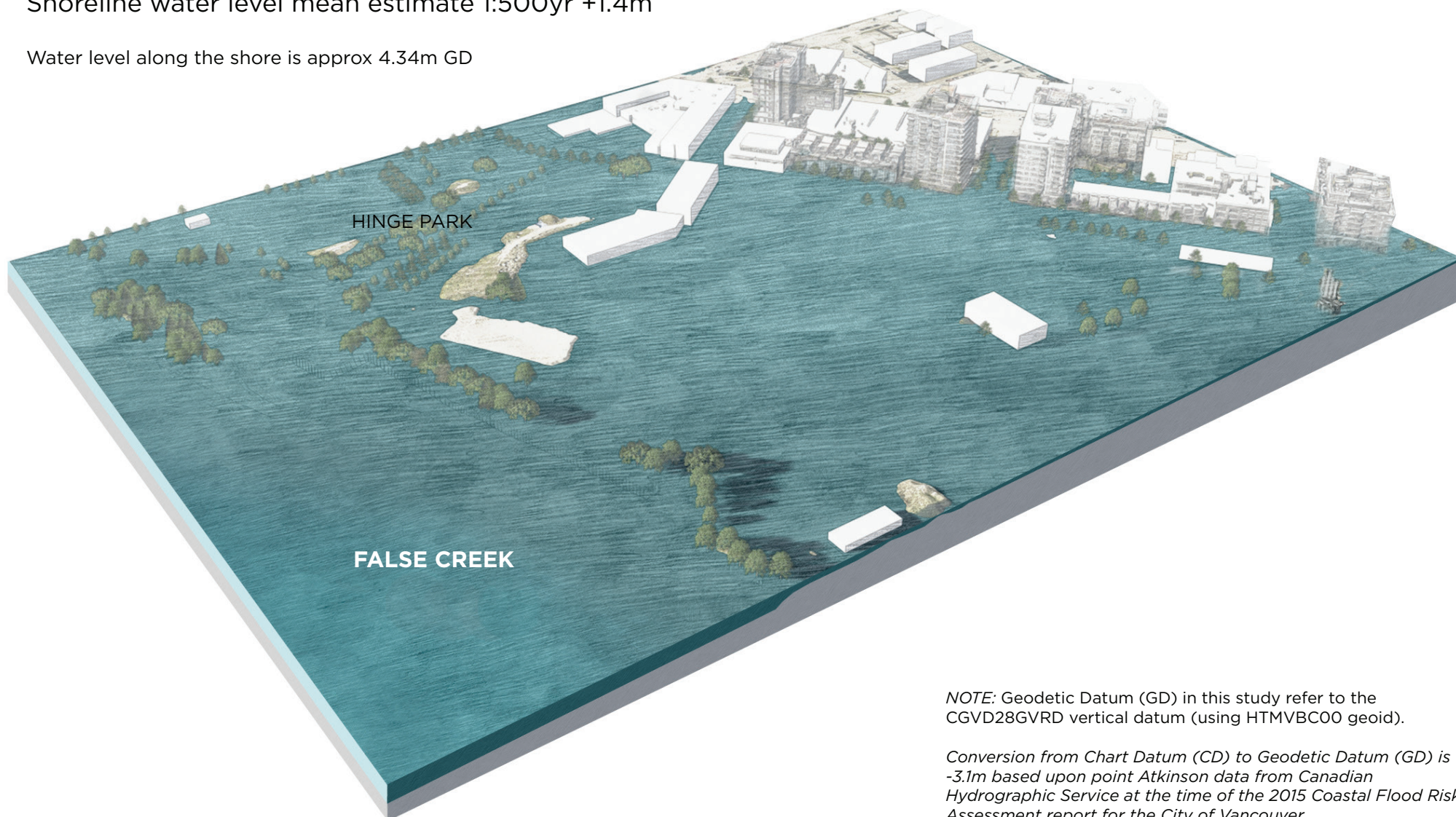
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East of Cambie

Shoreline water level mean estimate 1:500yr +1.4m

Water level along the shore is approx 4.34m GD



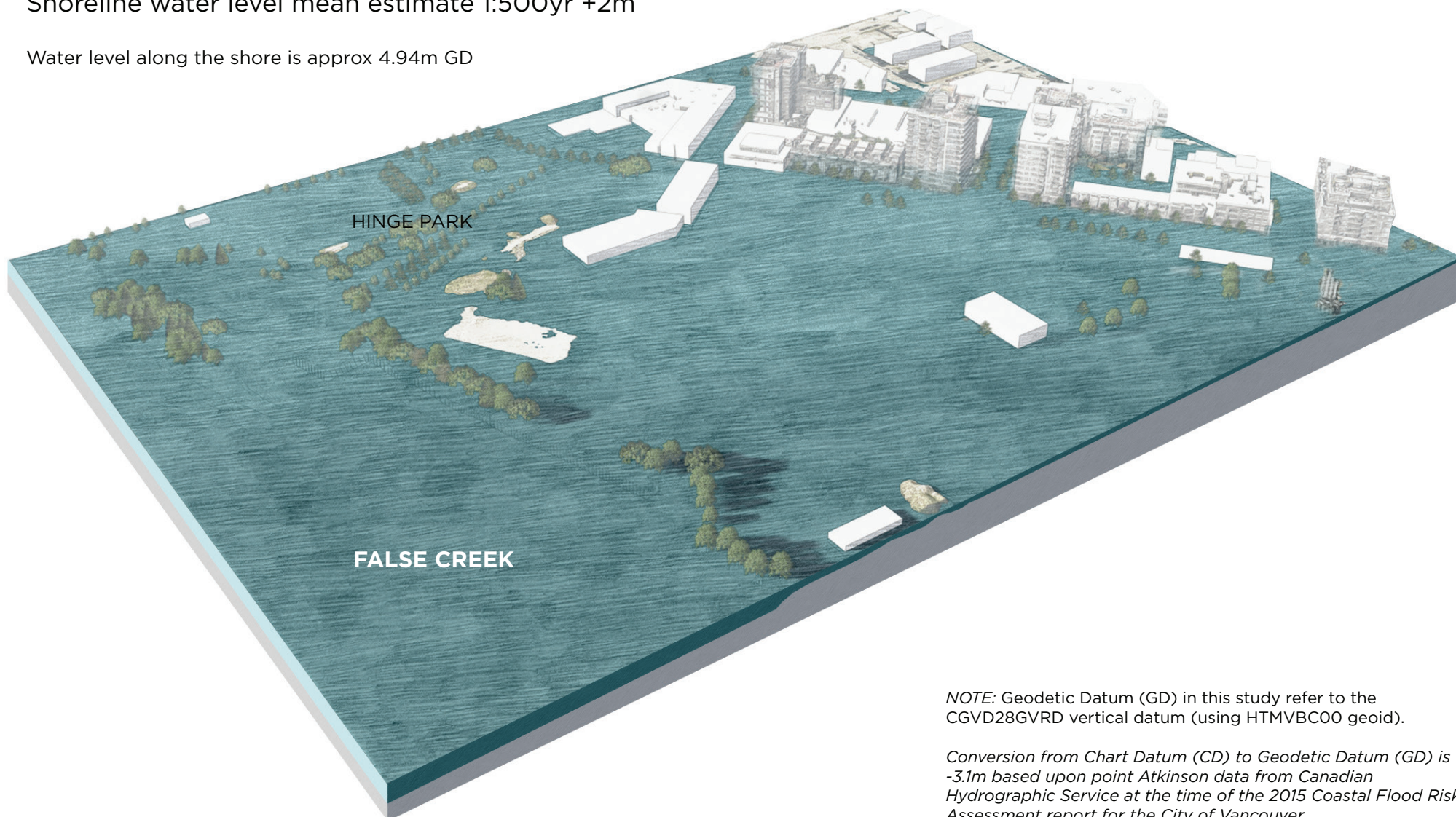
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Between Bridges

Shoreline water level mean estimate 1:500yr +2m

Water level along the shore is approx 4.94m GD



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Coopers' Park

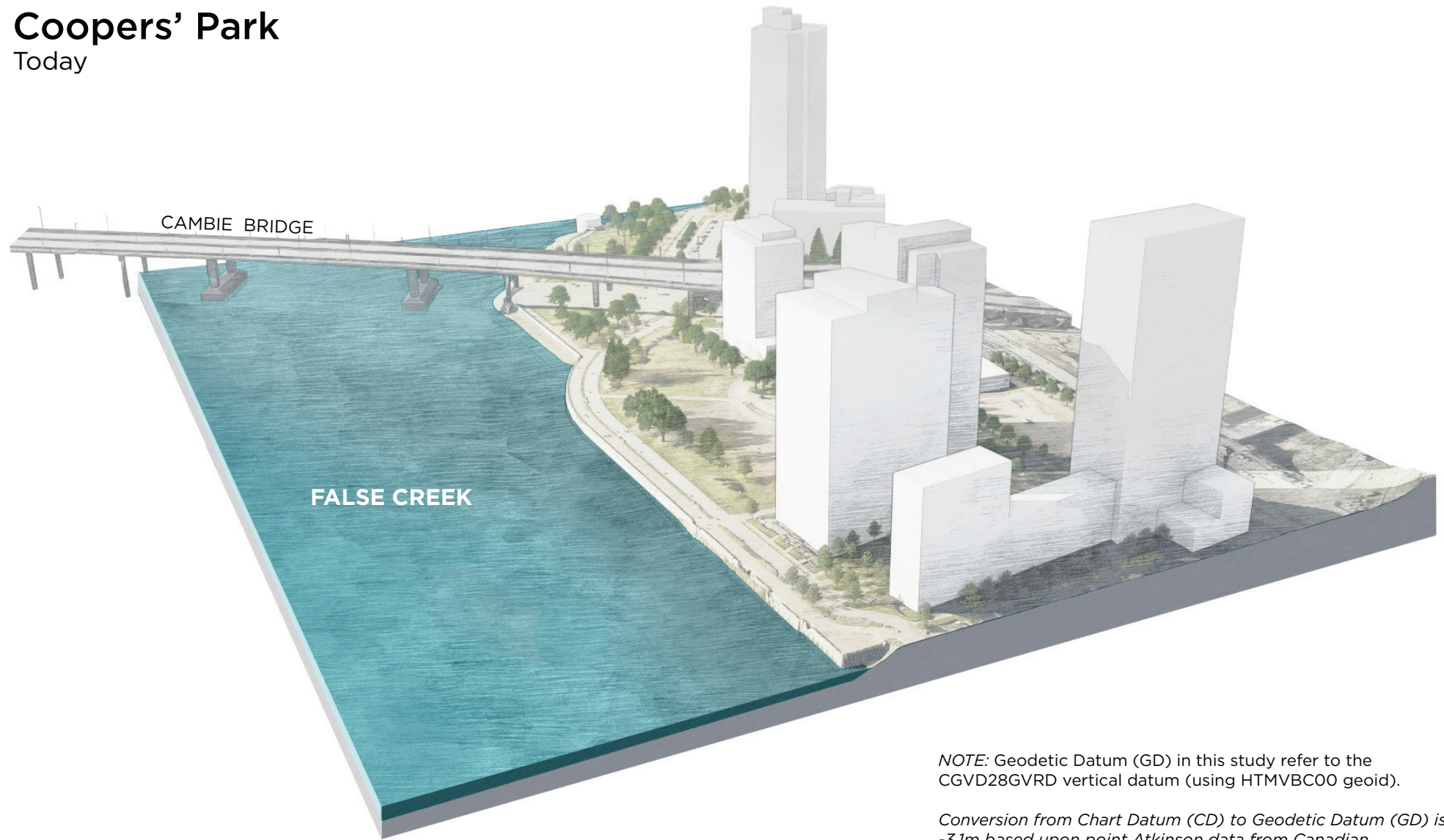


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Coopers' Park

Today



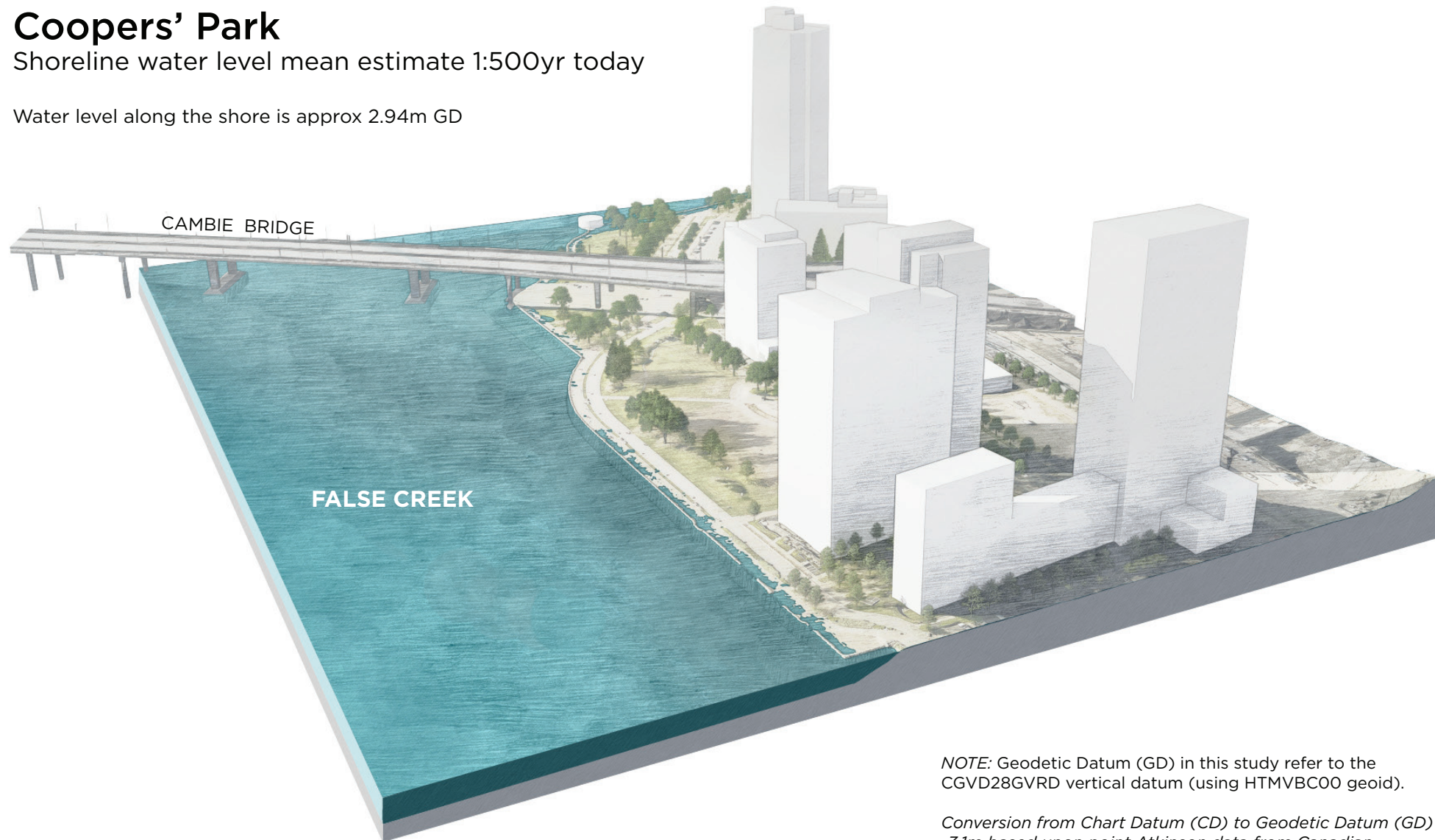
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Coopers' Park

Shoreline water level mean estimate 1:500yr today

Water level along the shore is approx 2.94m GD



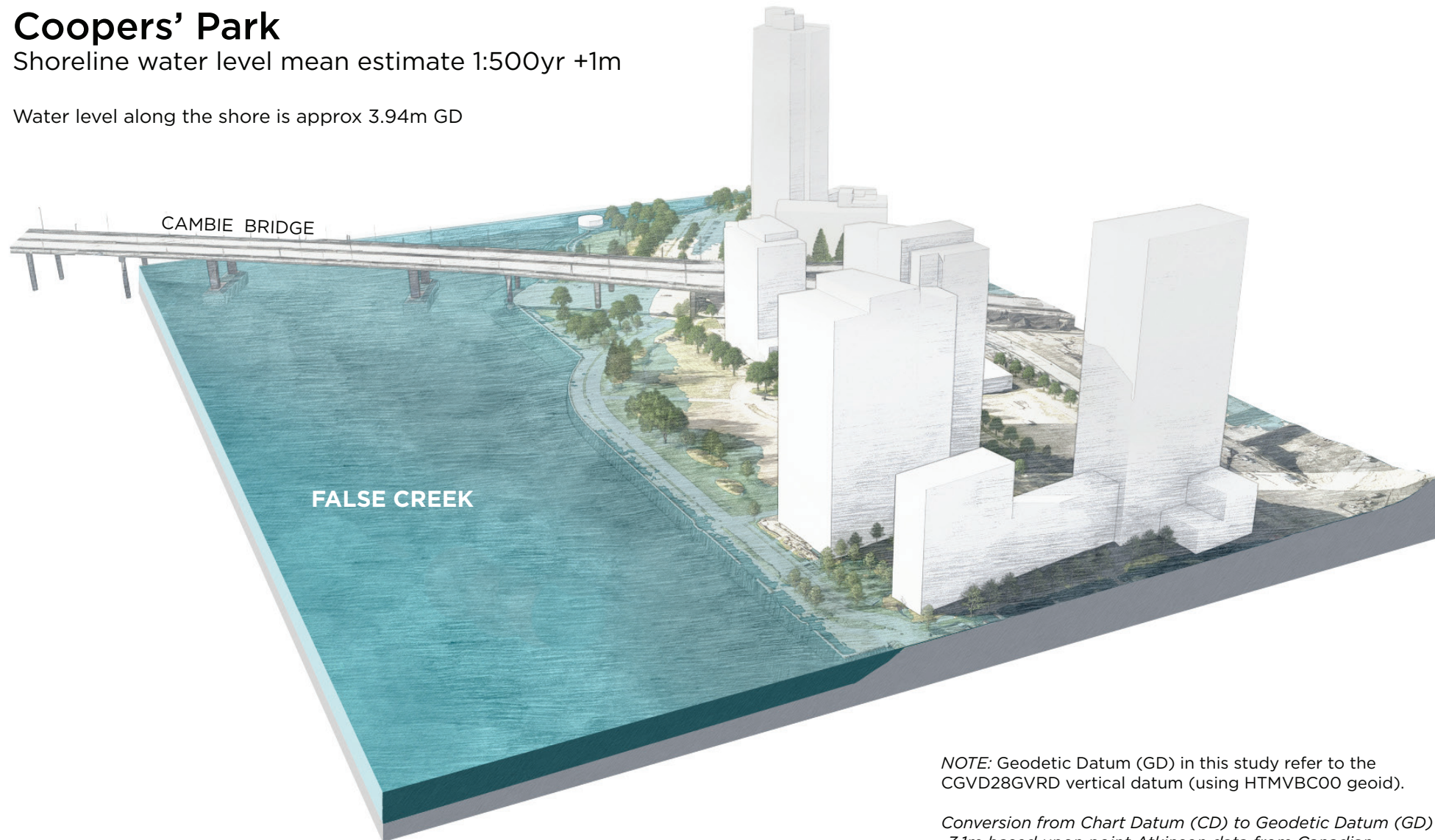
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Coopers' Park

Shoreline water level mean estimate 1:500yr +1m

Water level along the shore is approx 3.94m GD



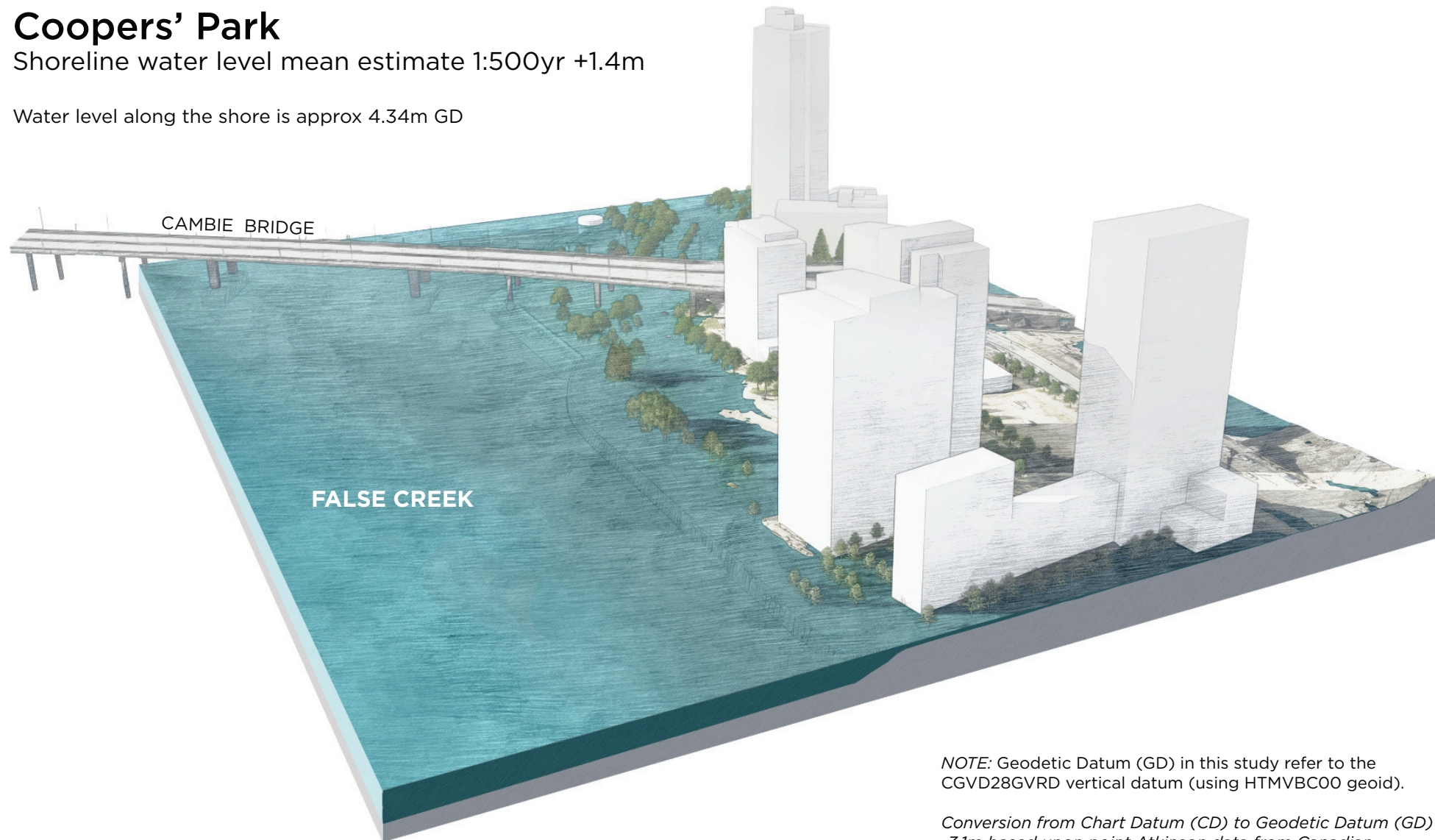
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Coopers' Park

Shoreline water level mean estimate 1:500yr +1.4m

Water level along the shore is approx 4.34m GD



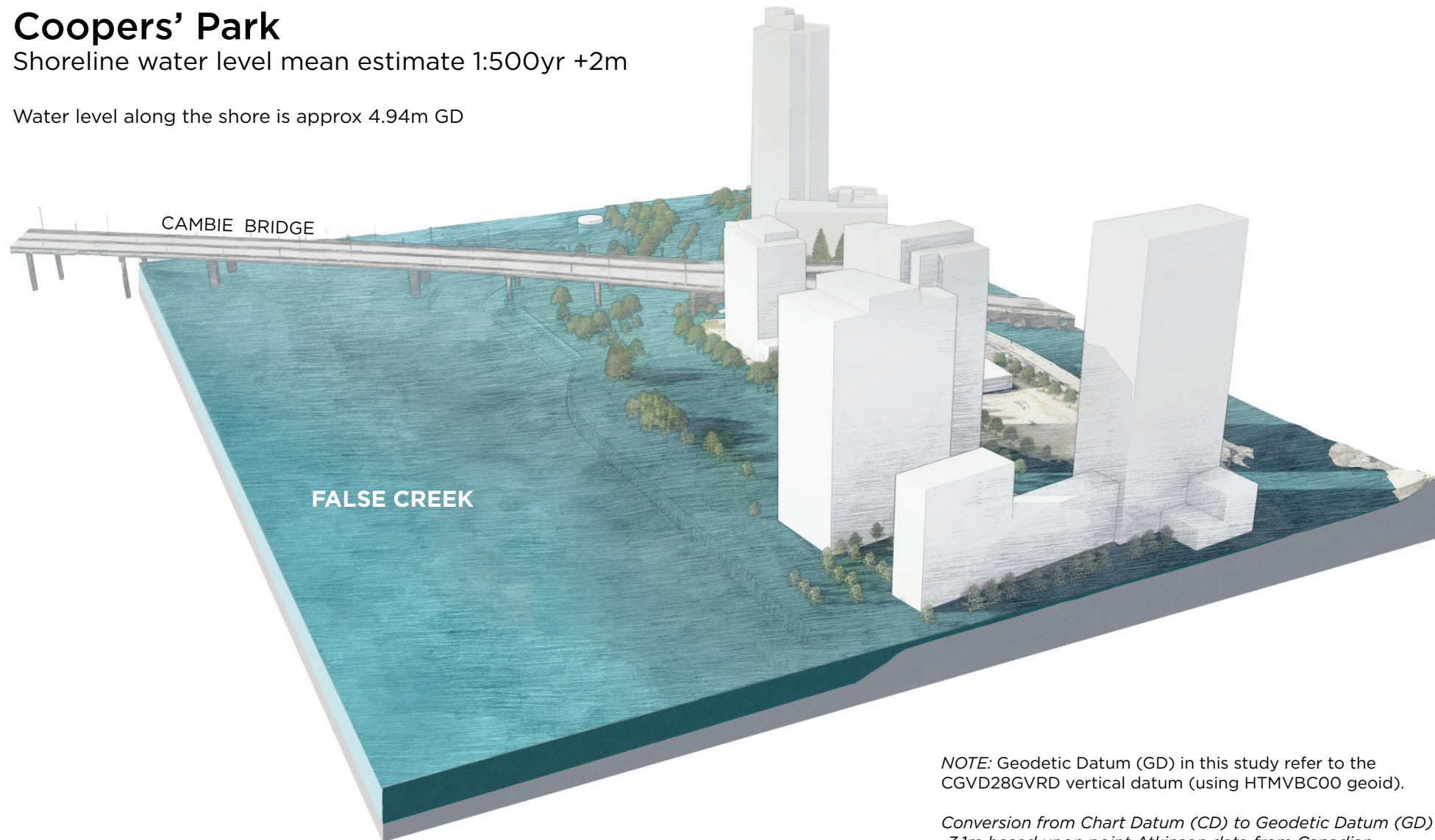
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Coopers' Park

Shoreline water level mean estimate 1:500yr +2m

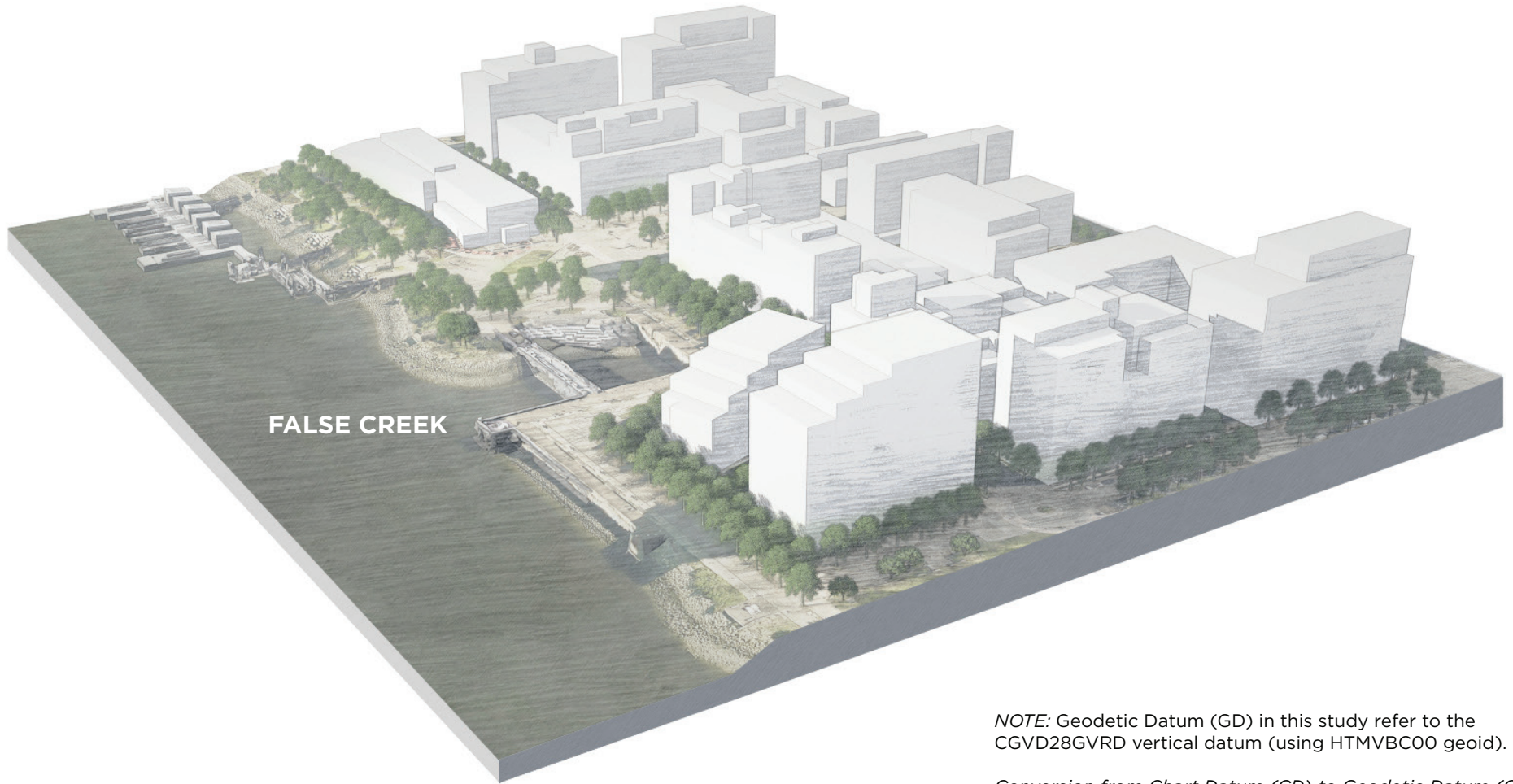
Water level along the shore is approx 4.94m GD



NOTE: Geodetic Datum (GD) in this study refer to the CGVD28GVRD vertical datum (using HTMVBC00 geoid).

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Olympic Village

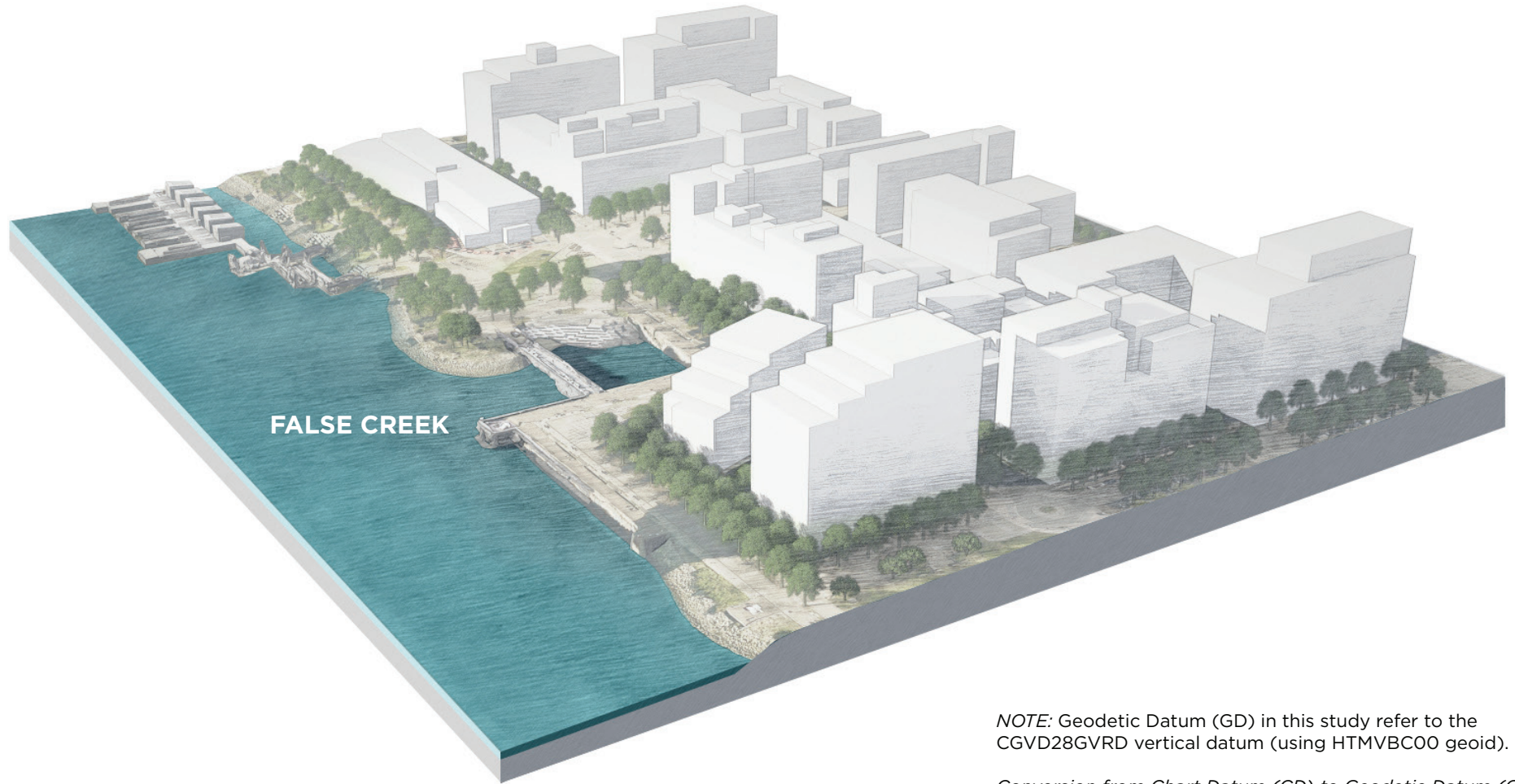


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Olympic Village

Today



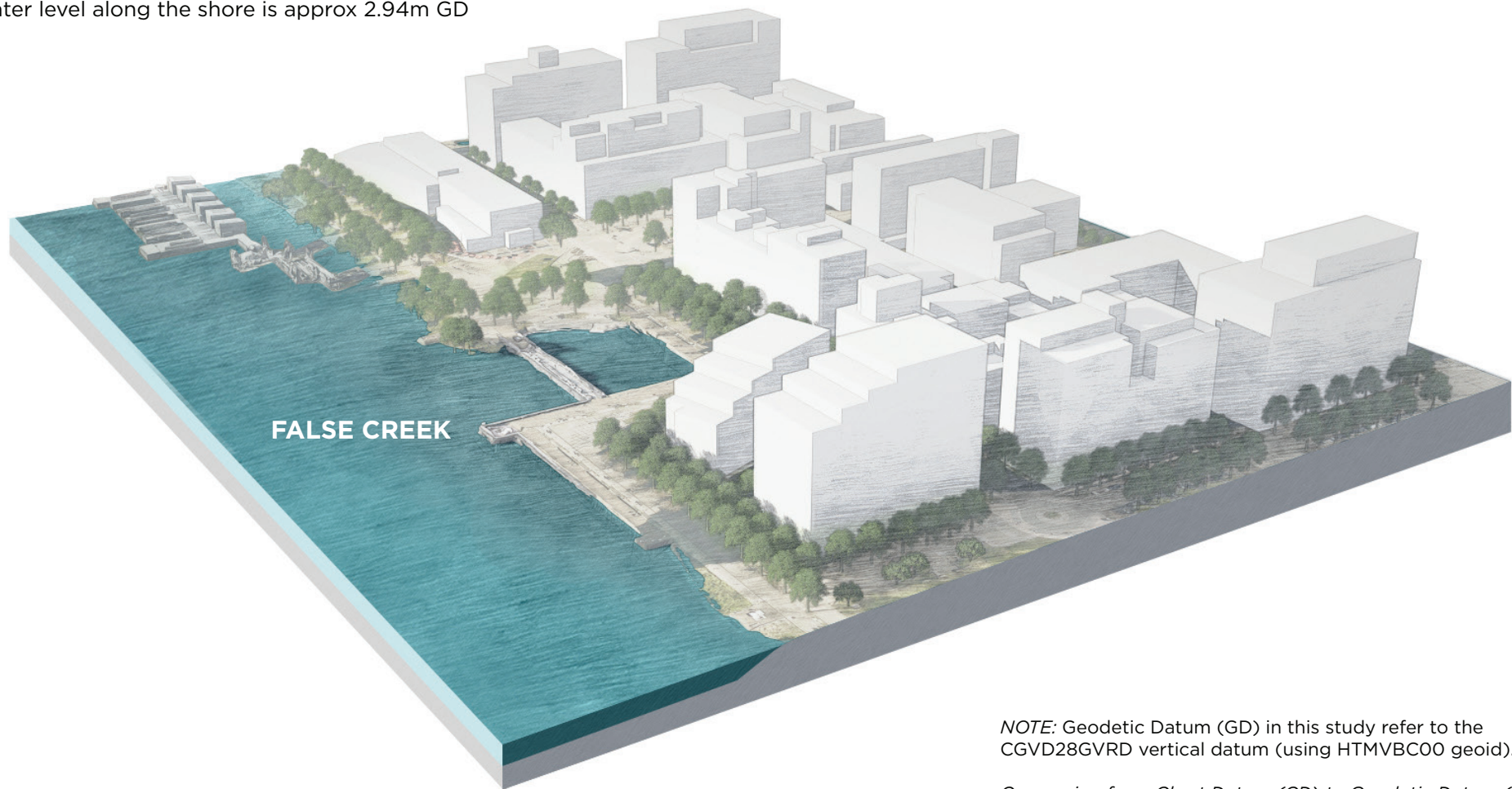
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Olympic Village

Shoreline water level mean estimate 1:500yr today

Water level along the shore is approx 2.94m GD



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Olympic Village

Shoreline water level mean estimate 1:500yr +1m

Water level along the shore is approx 3.94m GD



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Olympic Village

Shoreline water level mean estimate 1:500yr +1.4m

Water level along the shore is approx 4.34m GD



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Olympic Village

Shoreline water level mean estimate 1:500yr +2m

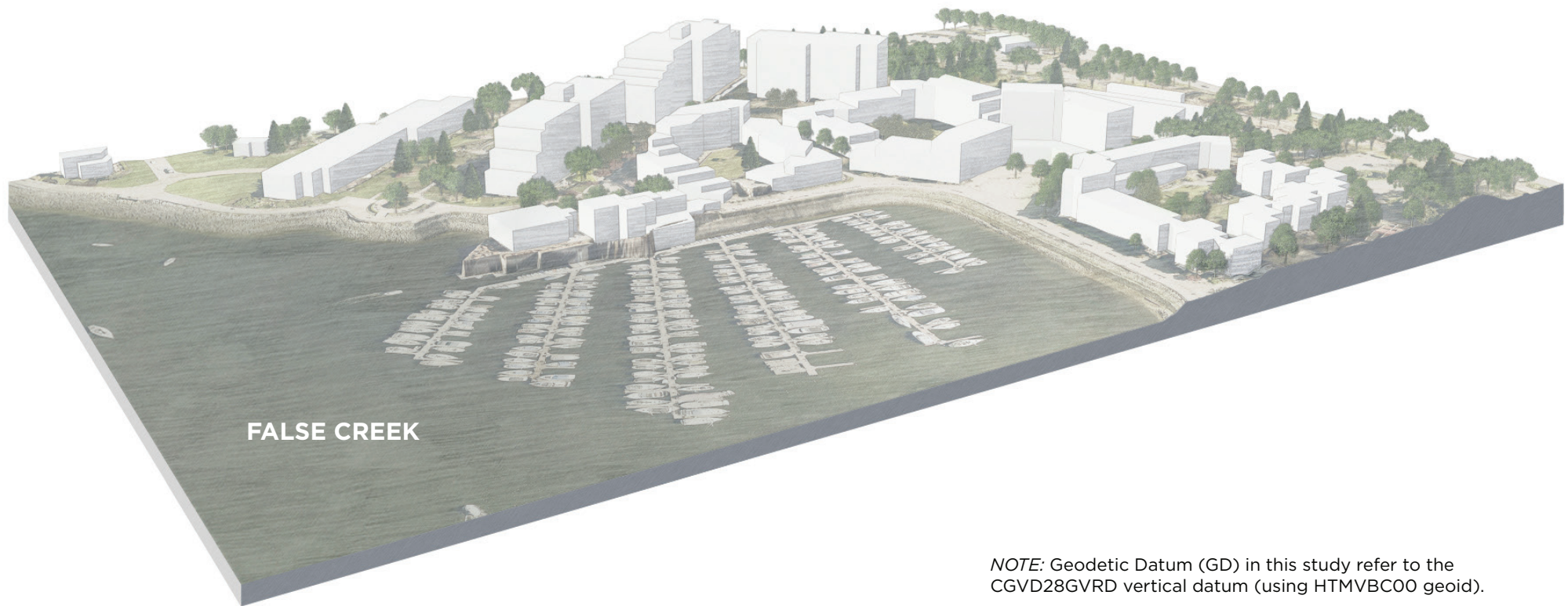
Water level along the shore is approx 4.94m GD



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Stamps Landing

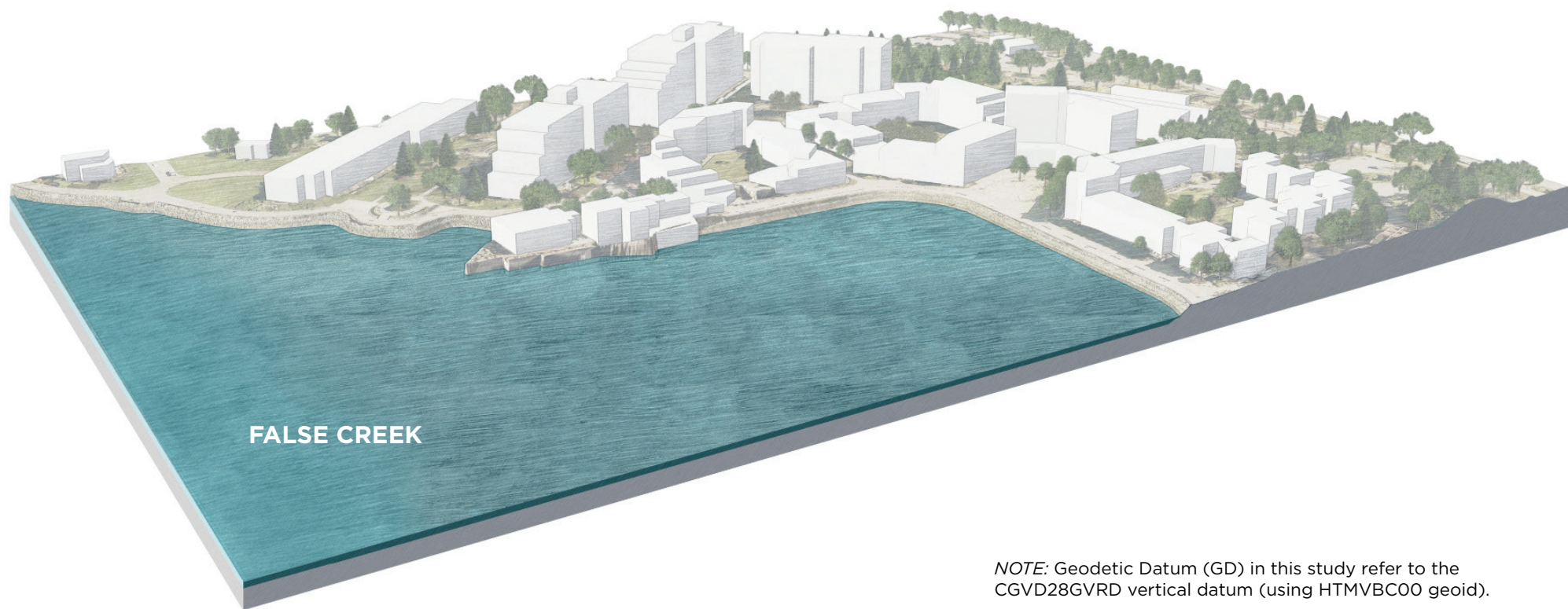


NOTE: Geodetic Datum (GD) in this study refer to the CGVD28GVRD vertical datum (using HTMVBC00 geoid).

Conversion from Chart Datum (CD) to Geodetic Datum (GD) is -3.1m based upon point Atkinson data from Canadian Hydrographic Service at the time of the 2015 Coastal Flood Risk Assessment report for the City of Vancouver

Stamps Landing

Today



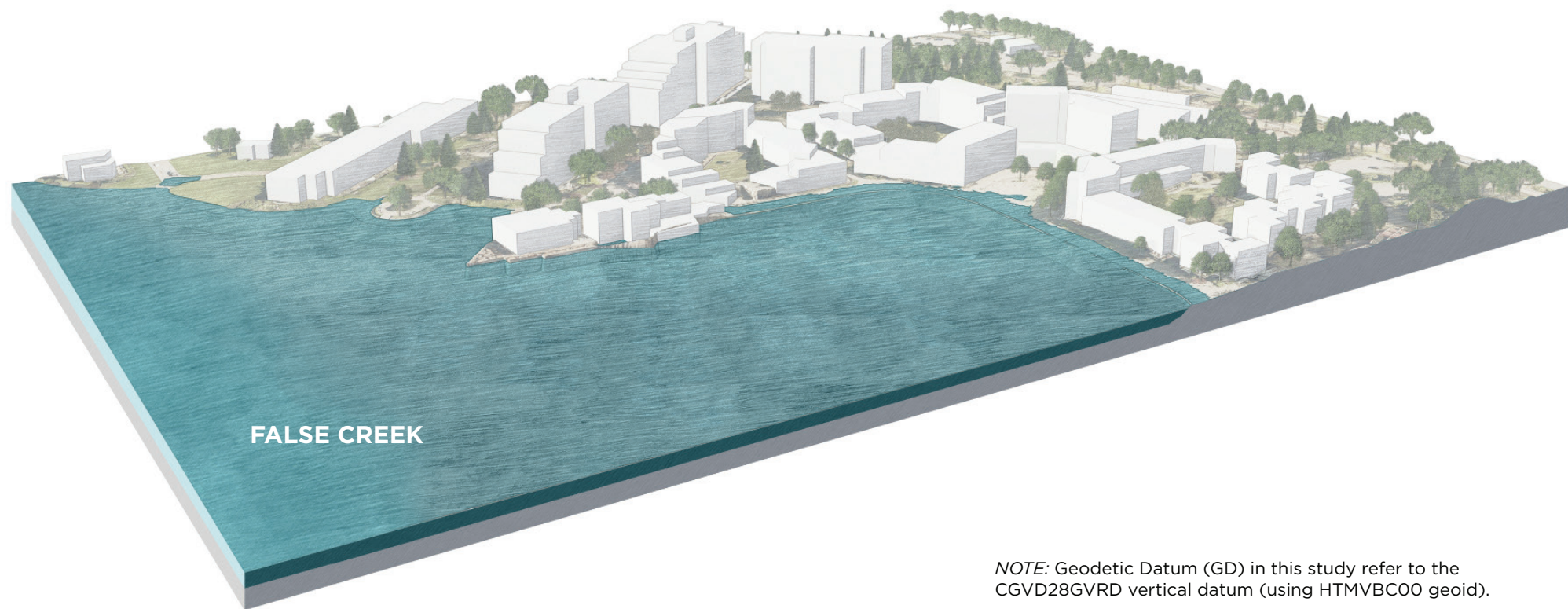
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Stamps Landing

Shoreline water level mean estimate 1:500yr today

Water level along the shore is approx 2.94m GD



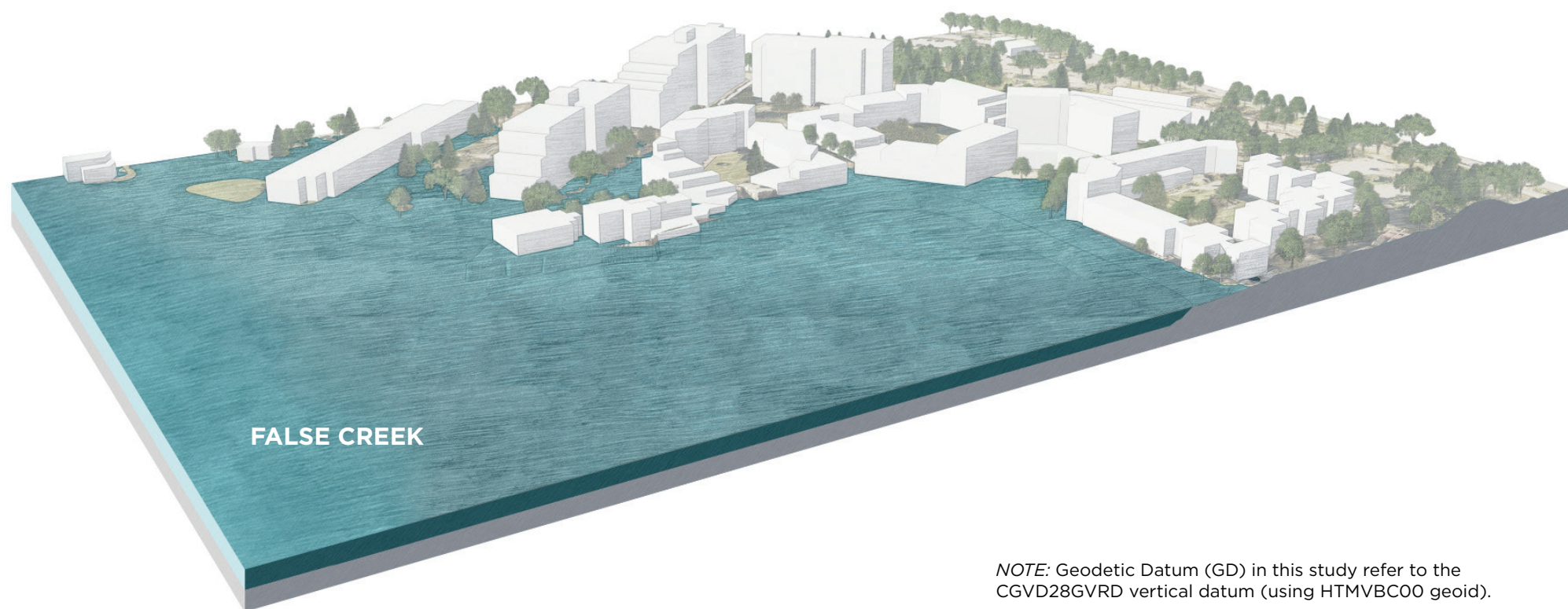
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Stamps Landing

Shoreline water level mean estimate 1:500yr +1m

Water level along the shore is approx 3.94m GD



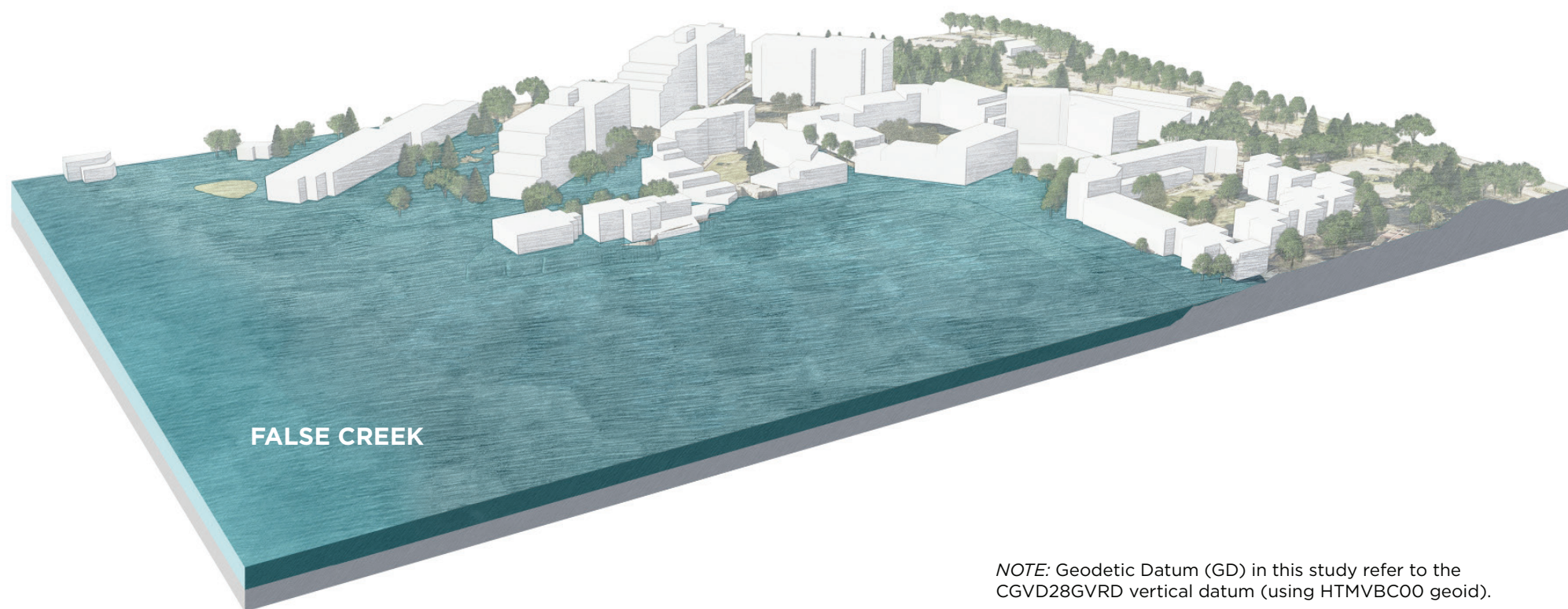
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Stamps Landing

Shoreline water level mean estimate 1:500yr +1.4m

Water level along the shore is approx 4.34m GD



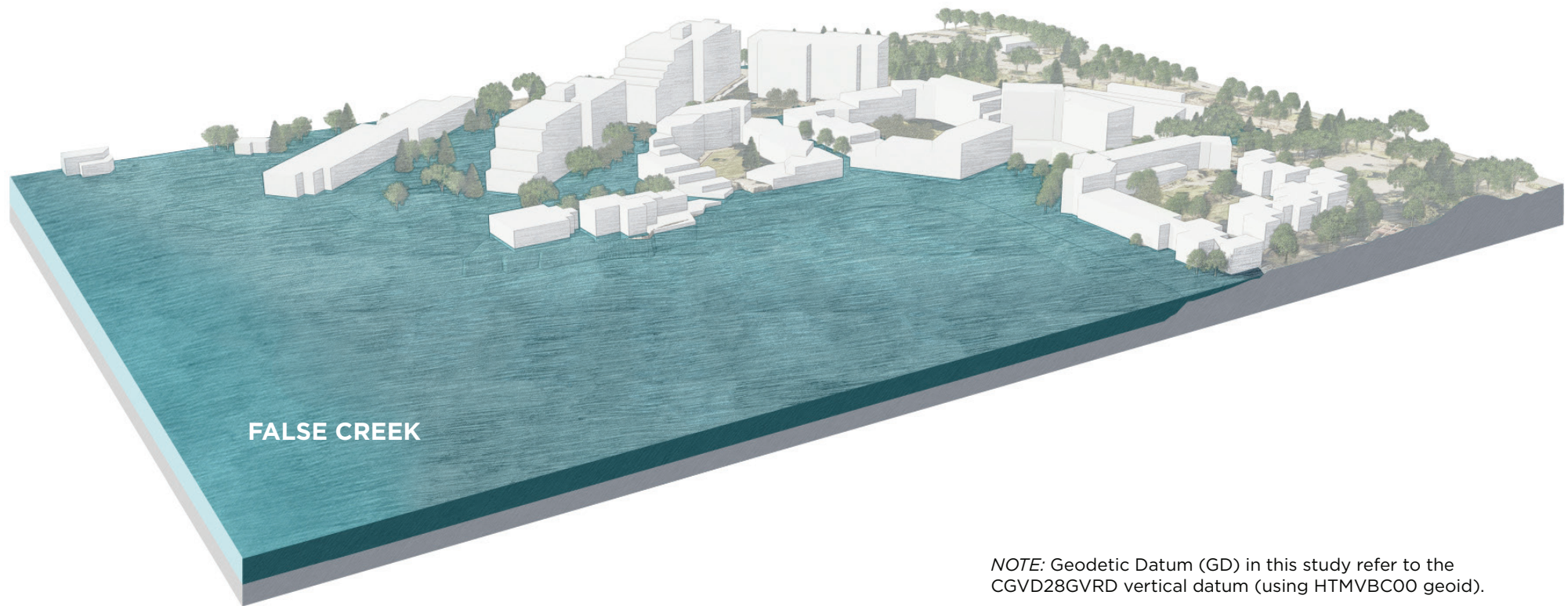
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Conversion from Chart Datum (CD) to Geodetic Datum (GD) is -3.1m based upon point Atkinson data from Canadian Hydrographic Service at the time of the 2015 Coastal Flood Risk Assessment report for the City of Vancouver

Stamps Landing

Shoreline water level mean estimate 1:500yr +2m

Water level along the shore is approx 4.94m GD



NOTE: Geodetic Datum (GD) in this study refer to the CGVD28GVRD vertical datum (using HTMVBC00 geoid).

Conversion from Chart Datum (CD) to Geodetic Datum (GD) is -3.1m based upon point Atkinson data from Canadian Hydrographic Service at the time of the 2015 Coastal Flood Risk Assessment report for the City of Vancouver