Tsawwassen Container Examination Facility

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Container Traffic Through the Port of Vancouver

- Containers offloaded at the Port of Vancouver need to be inspected.
- Tsawwassen Container Examination Facility (“TCEF”) is an important security initiative to meet anticipated growth in the container sector.
- Implementing enhanced examination processes and new technologies.
What Is The Tsawwassen CEF Project?

- TCEF consists of a new warehouse complex being built to house CBSA container examination facilities.
- The project is a collaborative Vancouver Fraser Port Authority ("VFPA") Project along with Tsawwassen First Nation ("TFN"), Canada Border Services Agency ("CBSA") and the industry.
- VFPA is leading the investment and construction of the TCEF on TFN land.
- It is expected that an operator to lease the entire facility and to be responsible for operating and maintaining total building and yard, inclusive of CBSA areas.
- Provides supply chain efficiency, reliability and security.
- Addresses the needs of our stakeholders.
- Improves competitive position for Port of Vancouver.
Site Selection

- Six potential CEF sites were studied;

- 11.4 acre site (TFN Lands) was selected;

- The selected land is strategically located nearby Deltaport Container Terminal;

- The selected location minimizes security risks.
Site Selection - Continued

- Facility is located within TFN industrial lands.
Development Process

- Zoning
  - Project follows general TFN regulations
- Permits acquired
  - Fill Deposit Permit
  - Development Permits
  - Building Permits
Building Design

- Preliminary Design undertaken by CTA Design Group.
- Detailed Design undertaken by Architecture49
- 110,000 ft² warehouse with 50% occupied by CBSA and 50% by facility operator
- Building structurer consists of concrete slab-on-grade, steel frames and concrete tilt-up panels.
This facility will eliminate significant truck traffic and is aligned with VFPA vision to reduce greenhouse gas emissions (2,000 tonnes/year). The current CEF facility is located in Burnaby.

Building design performed considering ASHRAE requirements.

Planting native species and low maintenance landscaping has been considered in the landscaping design.

Energy efficient lighting (LED) will be used throughout the facility.

Innovative Stormwater Management Plan.

Bicycle storage facilities to promote a healthy lifestyle.
Building Construction – Tilt-Up Concrete

https://vimeo.com/157720286
Building Construction

- Wales McLelland Construction was awarded the works.
- Preload removal complete in April.
- Building Permit secured in September 2016.
- Construction Started in October 2016.
- 13 months schedule.
- Shell building structure completion in July 2017.
- Operational in Q1 2018.
• The construction works will be completed within the TFN/Wales McLelland Construction Joint Venture;
• TFN’s involvement would be to provide TFN Member labour and the use of equipment and other services provided by TFN Member business where applicable and available.
Building Construction - Continued
Questions?