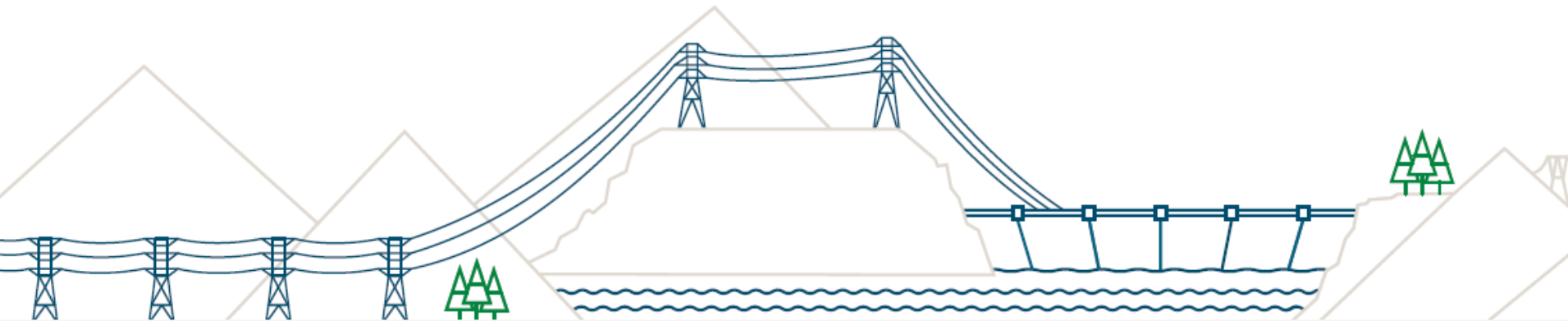


Project Update Meeting

New Submarine Cable Nanaimo – Protection Island



DATE: April 27, 2020

Project Overview

- Since 1969, BC Hydro has been supplying electricity to customers on Protection Island.
- Currently customers are served by a submarine cables from Nanaimo to Newcastle Island and Newcastle Island to Protection Island.
- One of the two cables feeding Newcastle Island and Protection Island has failed and the other is at end-of-life.
- The Project Team has considered multiple routes.
- Final Routing for new submarine cables is in McKay Channel, beginning near Maffeo Sutton Park in Nanaimo and terminating near Pirates Park on Protection Island

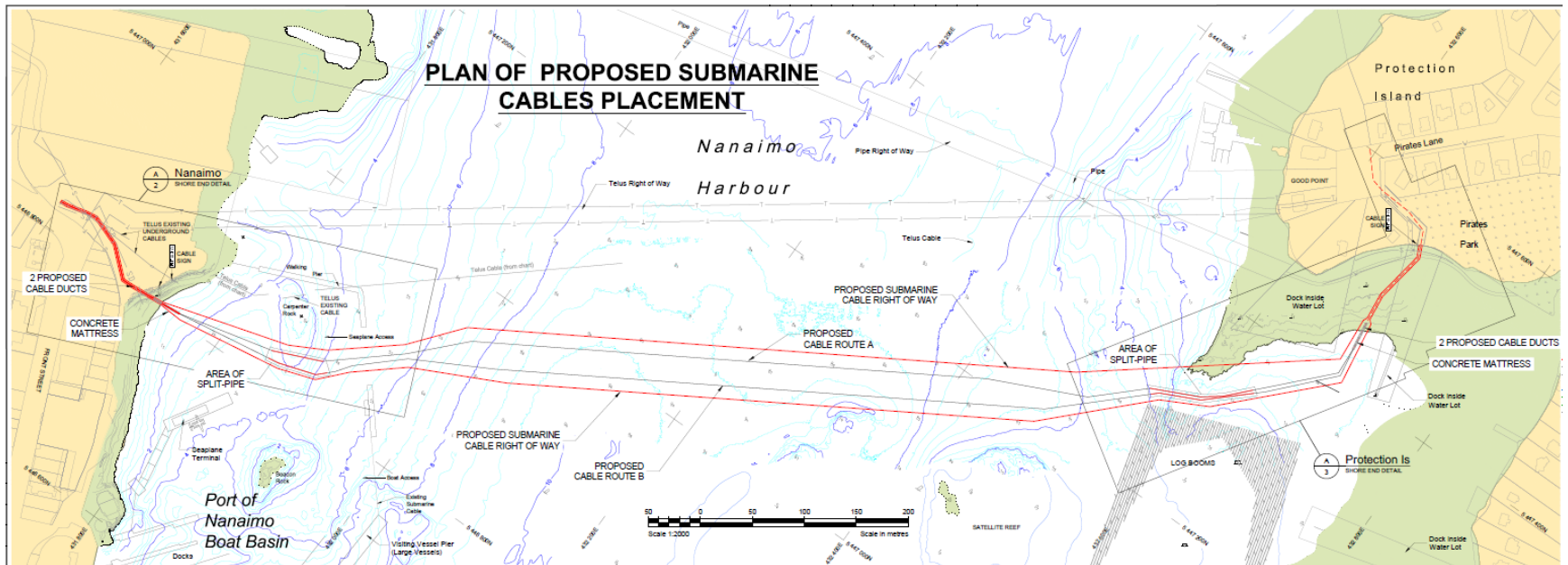
Key Elements of Project Scope

Design and install two submarine cables from Nanaimo to Protection Island including new terminations to the existing overhead Distribution lines at both ends.

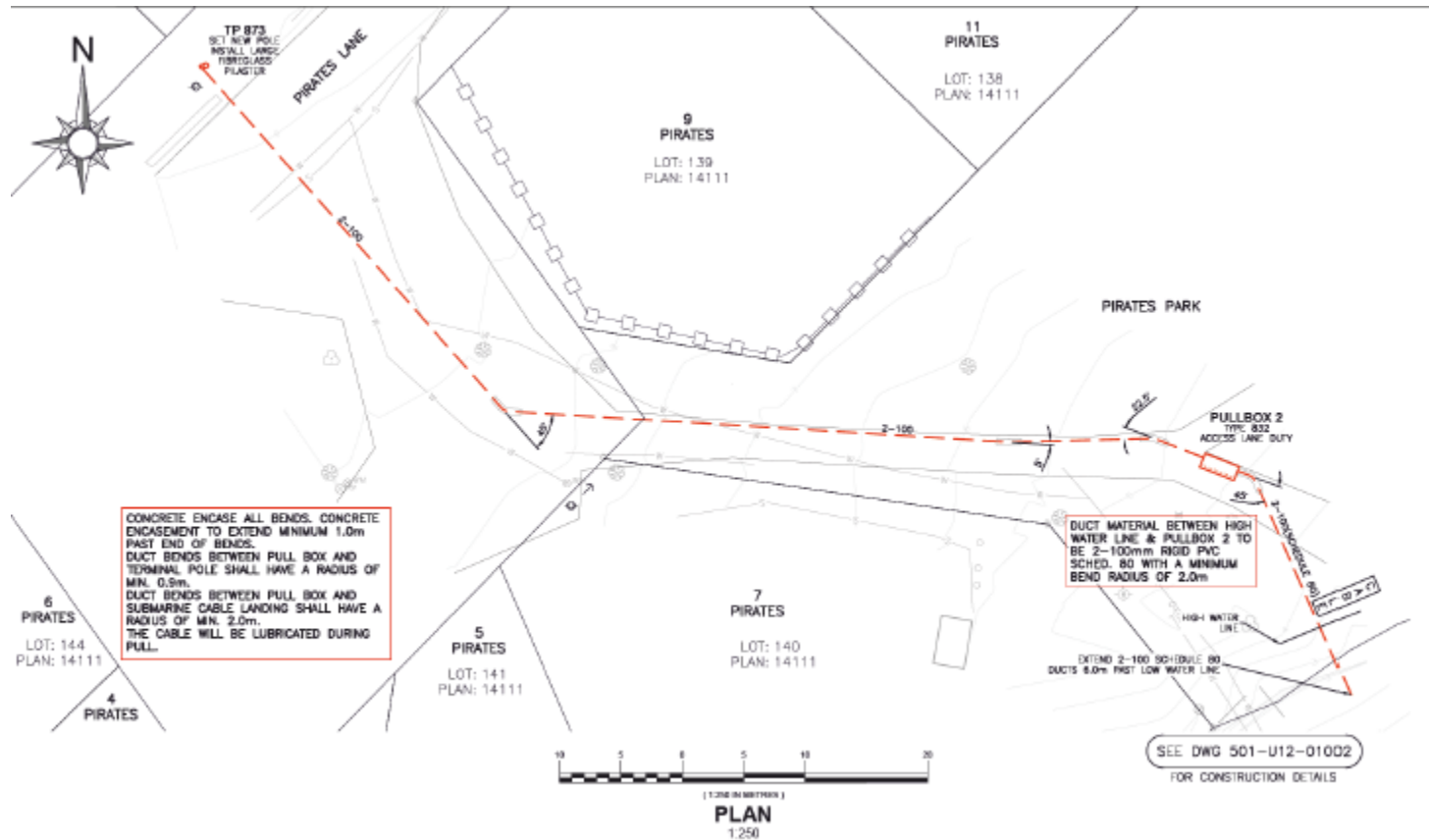
Project Map – Final Route



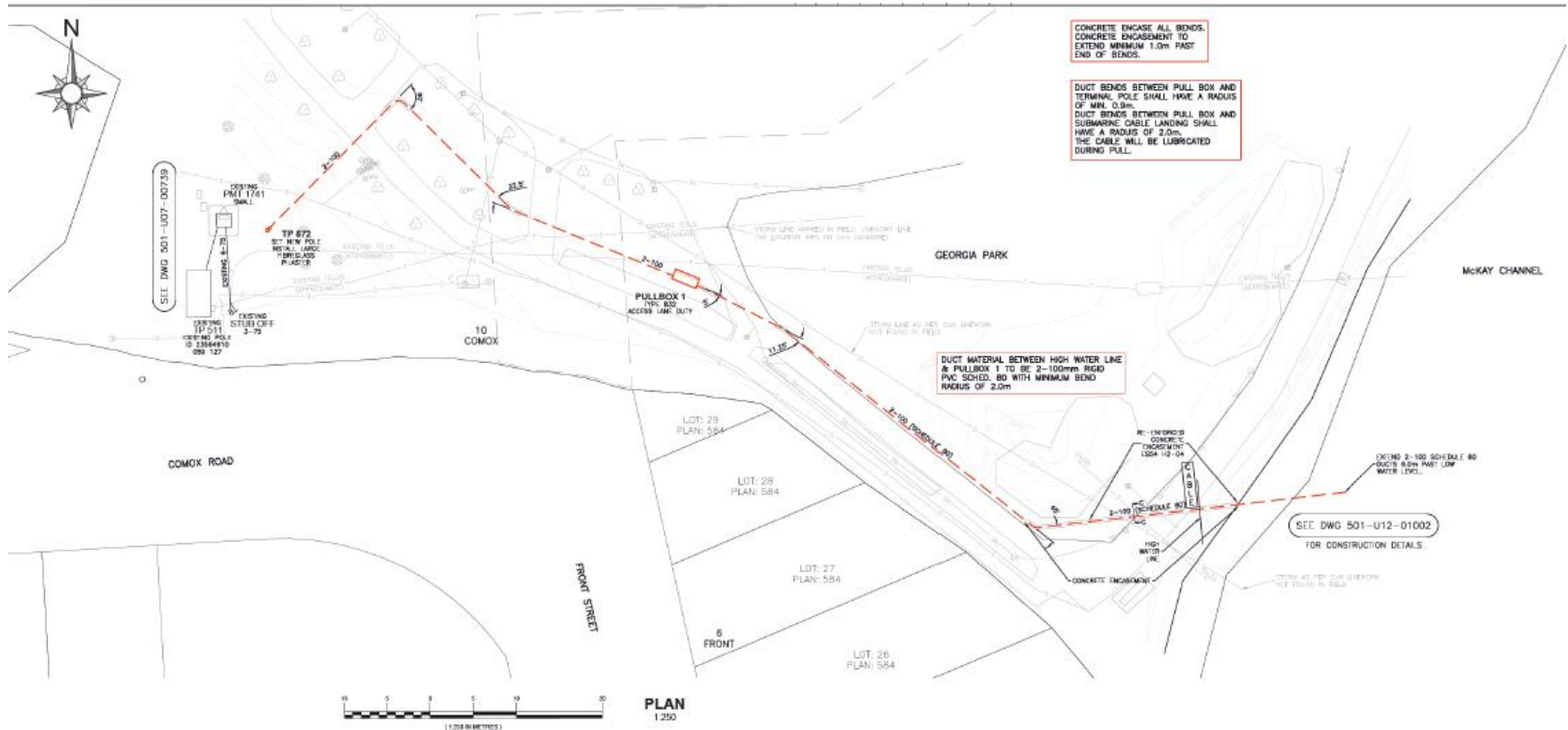
Project Map – Final Route



Project Scope – Pirates Park



Project Scope – Maffeo Sutton Park



Project Photos – Nanaimo



Progress to Date

- The route for the submarine cable and landings have been reviewed by Nanaimo Port Authority (NPA), Transport Canada, City of Nanaimo and Protections Island Neighbourhood Association.
- Environmental reviews were completed and submitted to NPA and Transport Canada
- Detailed design for the submarine cable routing and the underground duct bank is complete
- Right of Way Agreements signed with NPA and City of Nanaimo
- Terrestrial Civil work has commenced on Protection Island and is expected to be complete early May



Schedule

PHASE 1: CIVIL CONSTRUCTION

Intertidal is scheduled around low tides

Nanaimo

- May 20 – June 20 (Terrestrial) *subject to NPA approval*
- June 4-7, (Intertidal)

Protection Island

- April 20 – May 5 (Terrestrial)
- May 23-26, July 4 (Intertidal)

PHASE 2: SUBMARINE CABLE INSTALLATION

- August 9-11 with contingency of September 20-23

COVID-19 Considerations

- BC Hydro has suspended some types of work to keep staff, contractors and customers safe
- This Project has been reviewed by BC Hydro's COVID-19 triage team and deemed critical.
- Modified work procedures are in place and include:
 - Additional and ongoing cleaning / disinfecting of worksite, tools and equipment
 - Social distancing
 - Additional PPE
 - Additional screening of contractors and visitors to site
 - Working within pods to minimize exposure

Questions and Roundtable Discussion



