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To	Kevin Ziegler, EAO and Andreane Lussier, IAAC
From	Lara Taylor, MRM, P.Eng. Environmental Assessment Lead
Date	March 14, 2025
Subject	Cedar LNG Project Amendment Application – Revised Alternative Transmission Line Corridor

Introduction

Cedar LNG Partners LP, by its general partner Cedar LNG Partners (GP) Ltd. (Cedar), a Haisla Nation led partnership with Pembina Pipeline Corporation, is constructing a liquefied natural gas (LNG) export facility within the District of Kitimat, British Columbia (BC) (the Project). The Project underwent an environmental assessment from 2019 to 2023 and received an environmental assessment certificate (EAC) under BC's *Environmental Assessment Act* (EAC #23 01) and a positive Decision Statement under Canada's *Impact Assessment Act* (IAA) (reference number 80208) in March 2023.

Since the conclusion of the federal and provincial environmental assessment processes, Cedar has advanced the Project design, refined the capital costs, made a positive final investment decision and commenced construction in July 2024. The advancement of the Project design has resulted in the selection of a catenary mooring system for the floating liquefied natural gas (FLNG) facility and the following proposed changes to the Project:

- Add the option to relocate the 8.5 kilometre (km) long, 287 kilovolt (kV) transmission line between the Minette BC Hydro Substation and the Facility Area, downslope toward Douglas Channel, and to increase its right-of-way from 45 metres (m) to 90 m (referred to as the alternative transmission line)
- Add a new 2.8 km long, 25 kV distribution powerline line along the Bish Creek Forest Service Road (FSR) to the Facility Area
- Expand the Marine Terminal Area (a portion of the Facility Area) to encompass the mooring lines and anchors for the floating liquefied natural gas (FLNG) facility's catenary mooring system.

On October 25, 2024, Cedar applied to the Environmental Assessment Office (EAO) and Impact Assessment Agency of Canada (IAAC) to amend EAC #23-01 and the *Impact Assessment Act* Decision Statement (amendment application), respectively, to include these changes. Following submission of the amendment application, Cedar noted that the alternative transmission line alignment carried in the amendment application differed slightly from the most recent design.

The purpose of this memorandum is to provide a summary of changes to the assessment, as described in the amendment application, that result from this slight variation in alignment. The attached figures are provided to support this addendum:

- Figure 1 compares the alternative transmission line corridor from the amendment application (labelled 2024) with the current alternative transmission line corridor (labelled 2025) to provide a visual understanding of the change within the context of property ownership and surrounding high-value ecosystems.
- Figure 2.1 provides the locations of the project components (updated from the October 2024 EAC Amendment Application).
- Figure 2 provides updated figures for the EAC Certified Project Description and IAA Decision Statement, provided in both English and French

Summary of Changes to Potential Effects

As shown on Figure 1, the majority (77.2%) of the revised alternative transmission line corridor overlaps with the alternative transmission line corridor as presented in the amendment application. The area of the revised alternative transmission line corridor (142.6 ha) is slightly less than the area presented in the amendment application (143.4 ha).

Consistent with the amendment application, the majority of the revised alternative transmission line is located in second growth forest and does not overlap with old growth forest or red-listed ecosystems. Additionally, the majority of the revised alternative transmission line remains within private land, consistent with the amendment application. There are no new watercourses intersected by the revised alternative transmission line.

The revised alternative transmission line right-of-way overlaps with four registered archaeological sites: GaTe-11, GaTe-20, GaTe-21 and FITe-133. Each of these sites consist of one to two culturally modified trees (CMTs) that predate 1846, and all are dead fallen trees. Of the four sites, three sites (GaTe-11, GaTe-20, and FITe-133) were previously assessed in the amendment application. One archaeological site (GaTe-21) is a new site associated with the revised alternative transmission line. The potential effect remains the same and mitigation measures associated with the increase in sites affected from three identified sites to four has not changed.

Other than the single additional CMT site, there are no changes in the potential effects to valued components assessed in the amendment application and no additional mitigations are proposed as a result of the change to the alternative transmission line corridor. The updated alignment does not change the residual effects characterization as described in the amendment application or in the EAO's Assessment Report.

With the implementation of existing mitigation measures, the predicted adverse effects within federal jurisdiction as defined in section 2 of the IAA are not changed and are predicted to be low or negligible.

Table 1 provides a summary of changes to the valued component effects assessment described in the amendment application as a result of the revised alternative transmission line alignment.



TABLE 1 SUMMARY OF CHANGES TO POTENTIAL EFFECTS, MITIGATION MEASURES, AND RESIDUAL EFFECTS CHARACTERIZATION

Valued Components	Change in Potential Effects	Change in Mitigation or Enhancement Measures	Changes to the Residual Effects Characterization
Air Quality	No change	No change	No change
Acoustics	No change	No change	No change
Vegetation Resources	No change	No change	No change
Wildlife	No change	No change	No change
Freshwater Fish	No change	No change	No change
Marine Resources	No change	No change	No change
Employment and Economy	No change	No change	No change
Land and Resource Use	No change	No change	No change
Marine Use	No change	No change	No change
Infrastructure and Services	No change	No change	No change
Heritage	No change	No change	No change
Human Health	No change	No change	No change

Conclusions

The revised alternative transmission line alignment does not alter the findings or conclusions of the amendment application, the EAO’s Assessment Report, or the Decision Statement. As noted above, revised Figure 2 as approved in EAC #23-01 and the Decision Statement is attached in both English and French. No additional amendments are requested to Schedule A to EAC #23-01 or Schedule 1 to the Decision Statement. To be consistent with the existing figure in the EAC and Decision Statement, the alternative transmission line corridor has been terminated at the Facility Area. There is no change in the size of the Facility Area from what is stated in the amendment application, and it remains “up to 330 hectares in area”.

The mitigation measures already recommended by both the CEMP and the Assessment Report remain appropriate for the revised transmission line alignment. Potential effects will be managed through existing and planned management plans (including the CEMP, Socioeconomic Management Plan, Marine Transportation Management Plan and Health and Medical Services Plan). No additional mitigation measures and no additional effects to Indigenous Interests are anticipated. Cedar has engaged and will continue to engage with Indigenous nations regarding the Project.



Any questions regarding this response or if further information is required, please contact Lara Taylor at lara.taylor@cedarlng.com.

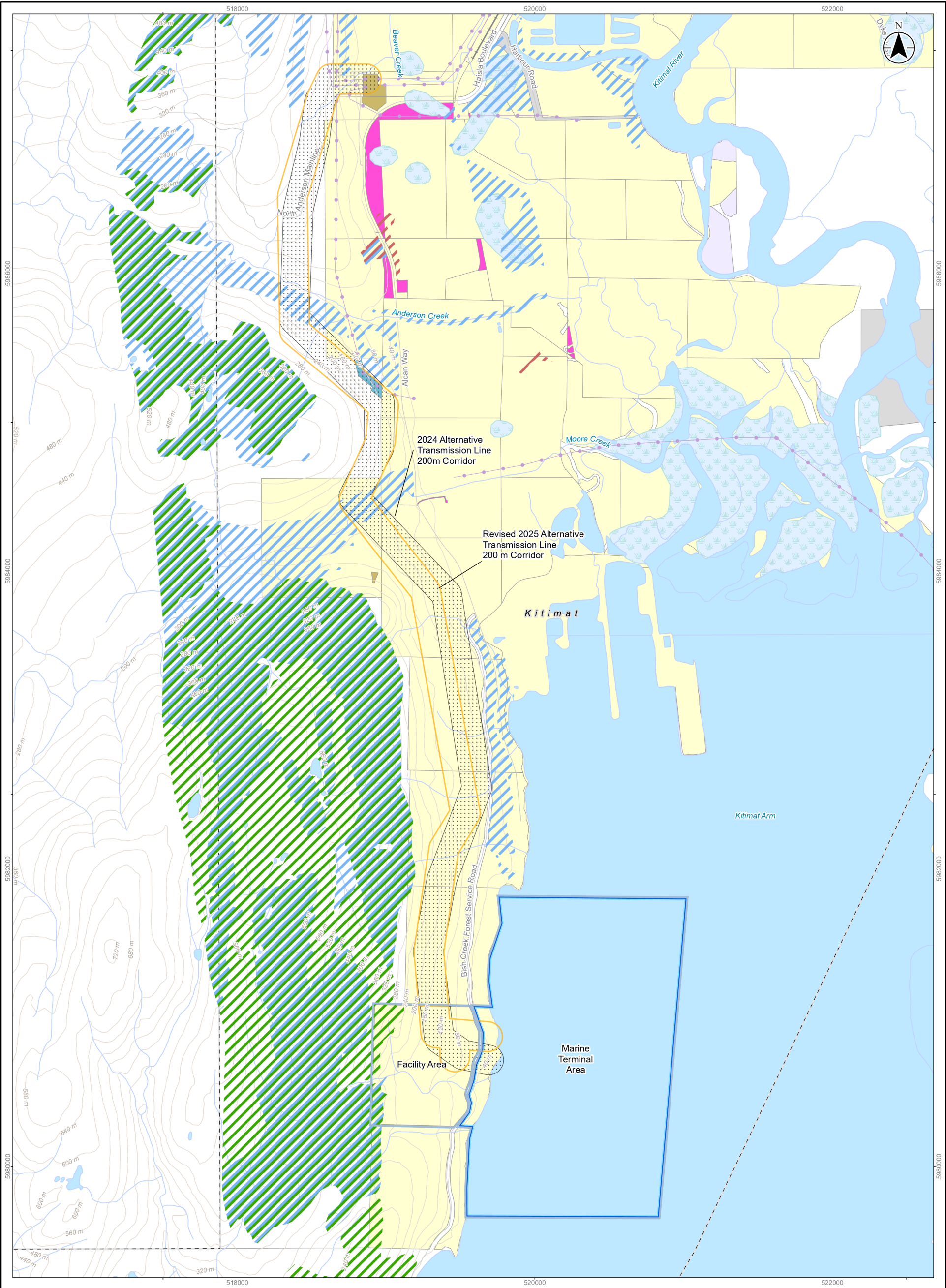
Regards,

Cedar LNG Partners (GP) Ltd.

<original signed by>

Lara Taylor, MRM, P.Eng.
Environmental Assessment Lead

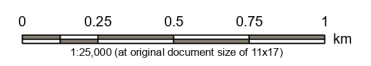
Attachments: Figure 1
 EAC Amendment Application Figure 2.1; revised
 CPD Figure 2 (English); revised
 CPD Figure 2 (French); revised



- Road
- Local Street
- Railway
- Transmission Line
- Topographic Contour
- Watercourse
- Waterbody
- Wetland
- Municipal Boundary

- 2024 Alternative Transmission Line 200 m Corridor
- Revised 2025 Alternative Transmission Line 200 m Corridor
- Facility Area
- Marine Terminal Area

- Old Forest
- Red-Listed Ecosystem
- Blue-Listed Ecosystem
- Property Ownership
 - Crown Agency
 - Crown Provincial
 - Municipal
 - None
 - Private
 - Unknown
 - Unsurveyed Crown Land



Stantec **CEDAR LNG**

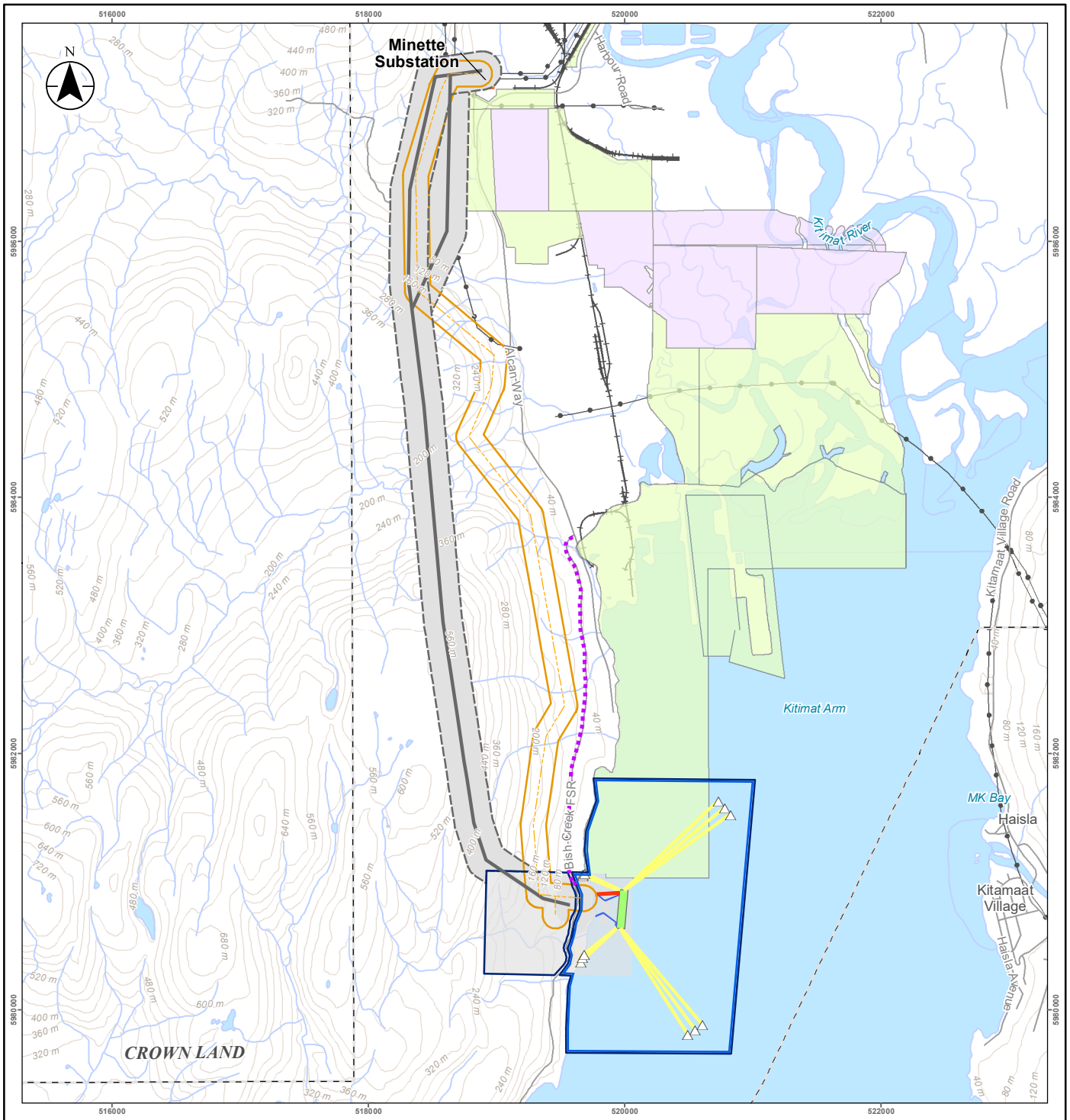
Project Location: Kitimat, British Columbia
 Project Number: 12322394
 Requested by AAU 20250310
 Prepared TCARDINAL 20250310
 Checked by AAU 20250313

Client/Project/Report: Cedar LNG Partners LP
 Cedar LNG Project

Figure No. **1** Page No. **1 of 1**

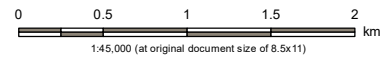
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Notes
 1. Coordinate System: NAD 1983 UTM Zone 9N
 2. Data Sources: DataBC, Government of British Columbia; Natural Resources Canada; Canadian Hydrographic Service

- Road
- Railway
- Transmission Line
- Topographic Contour (40 m)
- Waterbody
- District of Kitimat Municipal Boundary
- Minette Substation
- Rio Tinto Alcan
- Leases/Easements/Other
- Owned Lot
- △ Catenary Mooring Anchor
- Distribution Powerline
- Alternative Transmission Line
- Dynamic Riser
- Floating Access
- Mooring Line
- FLNG
- Access
- Marine Terminal Area
- Facility Area
- Alternative Transmission Line Corridor
- Certified Project Area
- Approved Transmission Line Corridor
- Approved Transmission Line



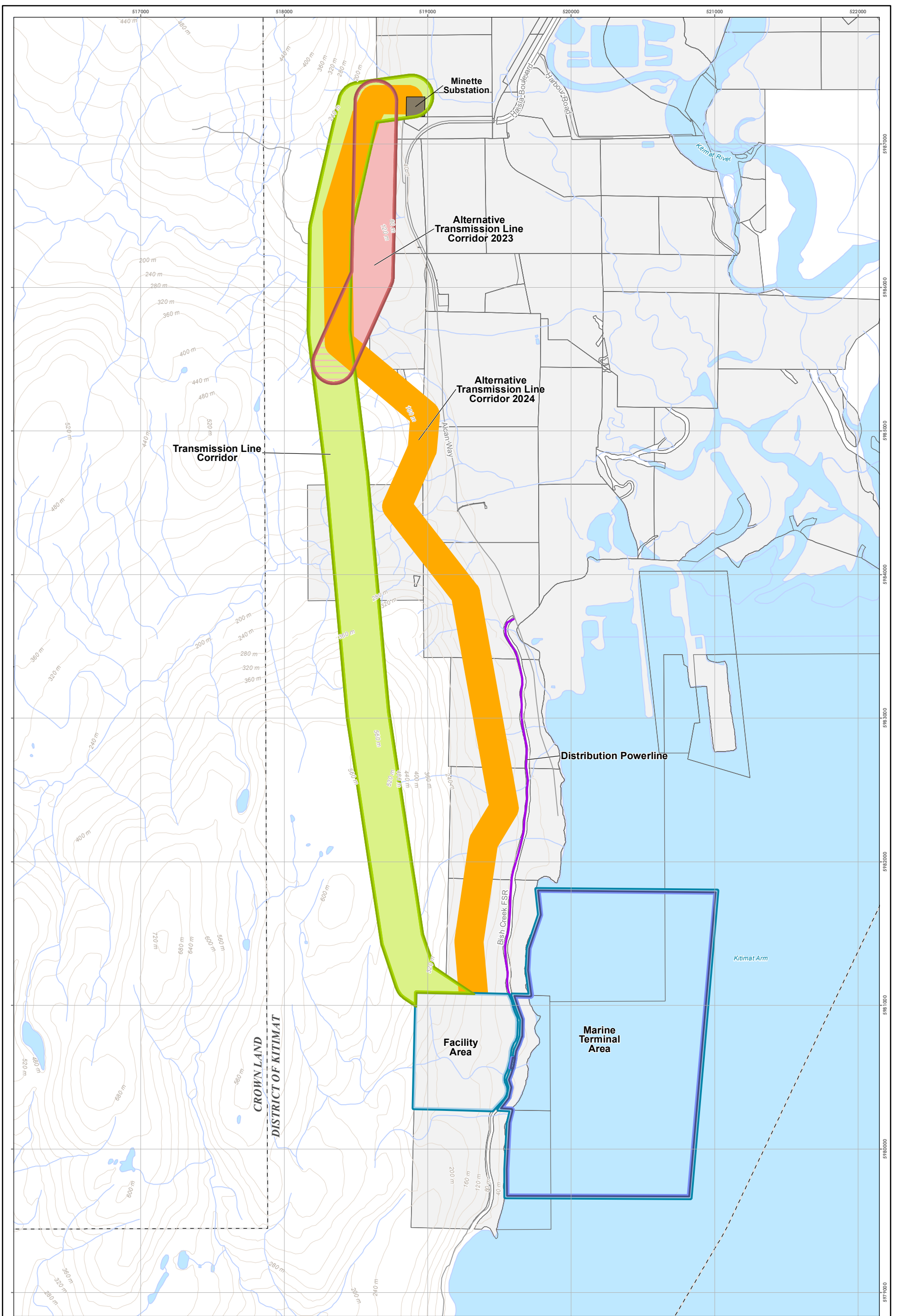
Project Location: Kitimat, British Columbia
 Project Number 123222994
 Prepared by TCARDINAL on 20250312
 requested by AAU on 20250312

Client/Project/Report
 Cedar LNG Partners LP
 Cedar LNG Project
 EA Amendment

Figure No.
2.1

Title
Project Components

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- Road
- Topographic Contour (40 m)
- Waterbody
- Cadastral (Legal Lot) Boundary
- - - District of Kitimat Municipal Boundary
- Minette Substation

- Transmission Line Corridor
- Alternative Transmission Line Corridor 2023
- Alternative Transmission Line Corridor 2024
- Distribution Powerline
- Facility Area
- Marine Terminal Area

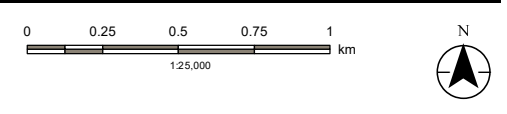
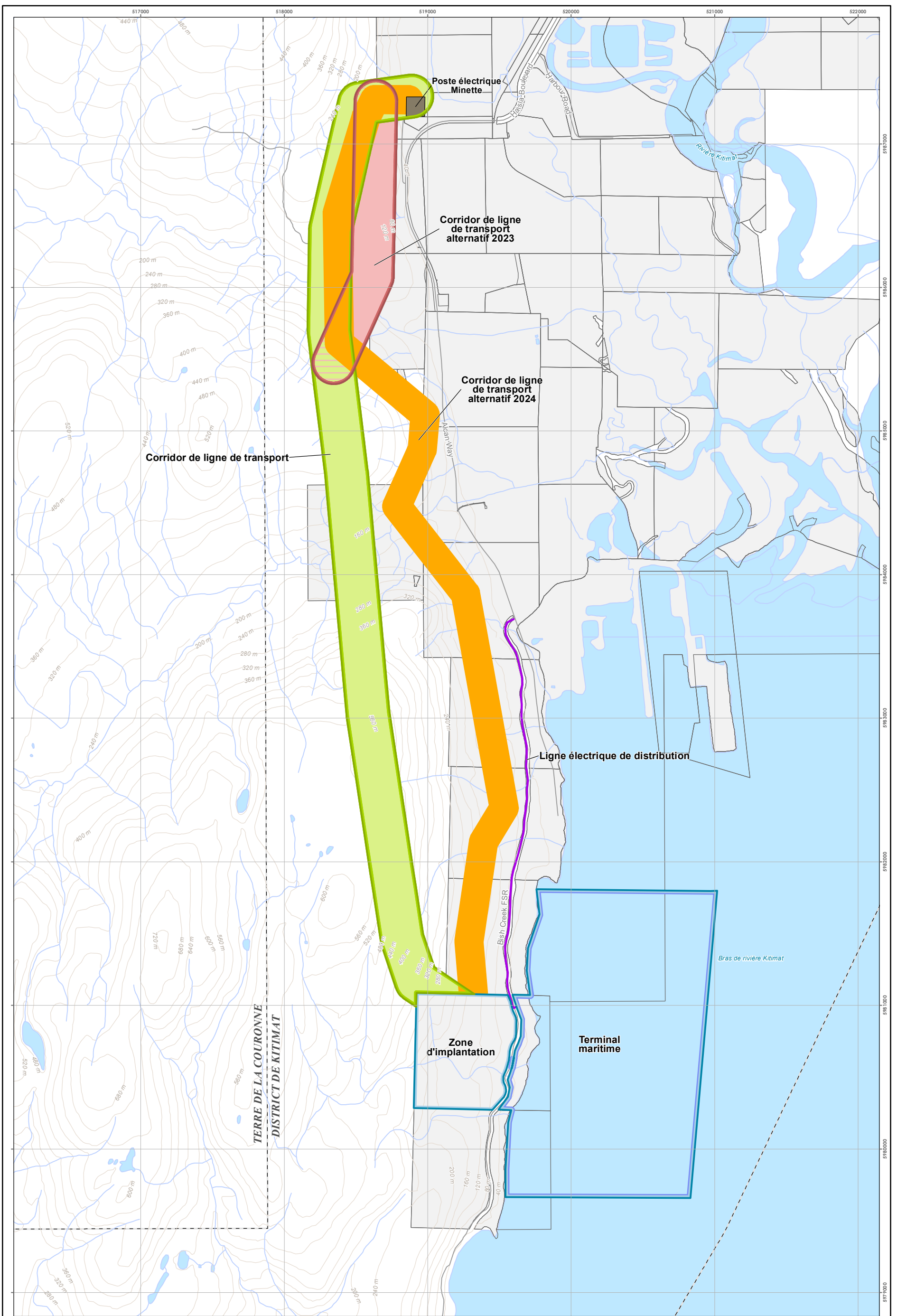


Figure 2 Cedar LNG Project Facility and Marine Terminal Area, Transmission Line Corridor, Alternative Transmission Line Corridor, and Distribution Powerline



- Route
- Courbe de niveau (40 m)
- Étendue d'eau
- Lot de cadastre
- Limites légales
- District de Kitimat
- Limite municipale
- Poste électrique

- Corridor de ligne de transport
- Corridor de ligne de transport alternatif 2023
- Corridor de ligne de transport alternatif 2024
- Ligne électrique de distribution
- Zone d'implantation
- Terminal maritime

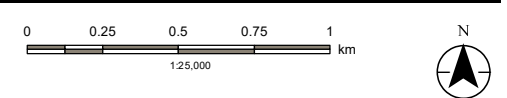


Figure 2 **Projet GNL Cedar**
Zone d'implantation et terminal maritime,
corridor de ligne de transport,
corridor de ligne de transport alternatif
et ligne électrique de distribution