

Kelowna International Airport 2016 ALC Exclusion Application Proposed Use of Properties

Kelowna International Airport has submitted an application to have the following properties excluded from the ALR:

- Property A (PID 011-510-625) - located to the West of the runway, South of the airport terminal and long-term parking and North of Shadow Ridge Golf Course
- Property B (PID 011-510-544) – located to the East of the runway, South of the Dog Park, North of Property C and adjacent to Old Vernon Road
- Property C (PID 001-482-530) – located to the East of the runway, South of Property B, North of Property D and adjacent to Old Vernon Road
- Property D (PID 009-766-791) – located to the East of the runway, South of Property C, North of the polo fields and adjacent to Old Vernon Road. There is also a homestead location that is excluded from this application in the North-East corner of this property.

YLW's ALC exclusion application has been made to support the continued growth of Kelowna International Airport. 1.6 million passengers passed through Kelowna International Airport (YLW) in 2015 and YLW is anticipated to have 2.0 million passengers by 2020, 2.4 million by 2025 and 3.5 million by 2045. With this increase in passenger numbers comes an increase in the number of aircraft movements and additional infrastructure to support both the passengers and the airplanes. YLW has exhausted all non-ALR, airside land (i.e. land that has direct access to the runway), so this ALC exclusion application has been made to allow YLW to develop the airside infrastructure necessary for the continued growth of YLW.

If Property A were to be excluded from the ALR, YLW would expand and further develop the terminal complex to the South. This would include, but not be limited to, expansion of the terminal itself, the apron where the planes land and park and the taxiway that connects the apron to the runway. This would provide the necessary space for YLW to process the increasing number of passengers, and on-load, off-load and park the increasing number of airplanes. Examples of potential terminal complex expansion designs are included in the document titled "YLW 2016 ALC Exclusion Application – Property A Terminal Complex Expansion."

If Properties B, C and D were to be excluded from the ALR, these properties would be developed to provide the aviation-based, airside infrastructure and services necessary to support the increasing number of aircraft at YLW. This airside development could include, but is not limited to, a secondary taxiway, additional maintenance facilities, a second fuel farm, additional hangars for the parking of airplanes and additional cargo facilities. YLW would like to see these additional cargo facilities provide the opportunity for Okanagan fruit (especially cherries) to be flown direct to international markets from Kelowna, rather than being trucked to Vancouver first. Pictures of similar facilities that currently exist at YLW have been included below as examples of the future, potential, aeronautical, airside development.



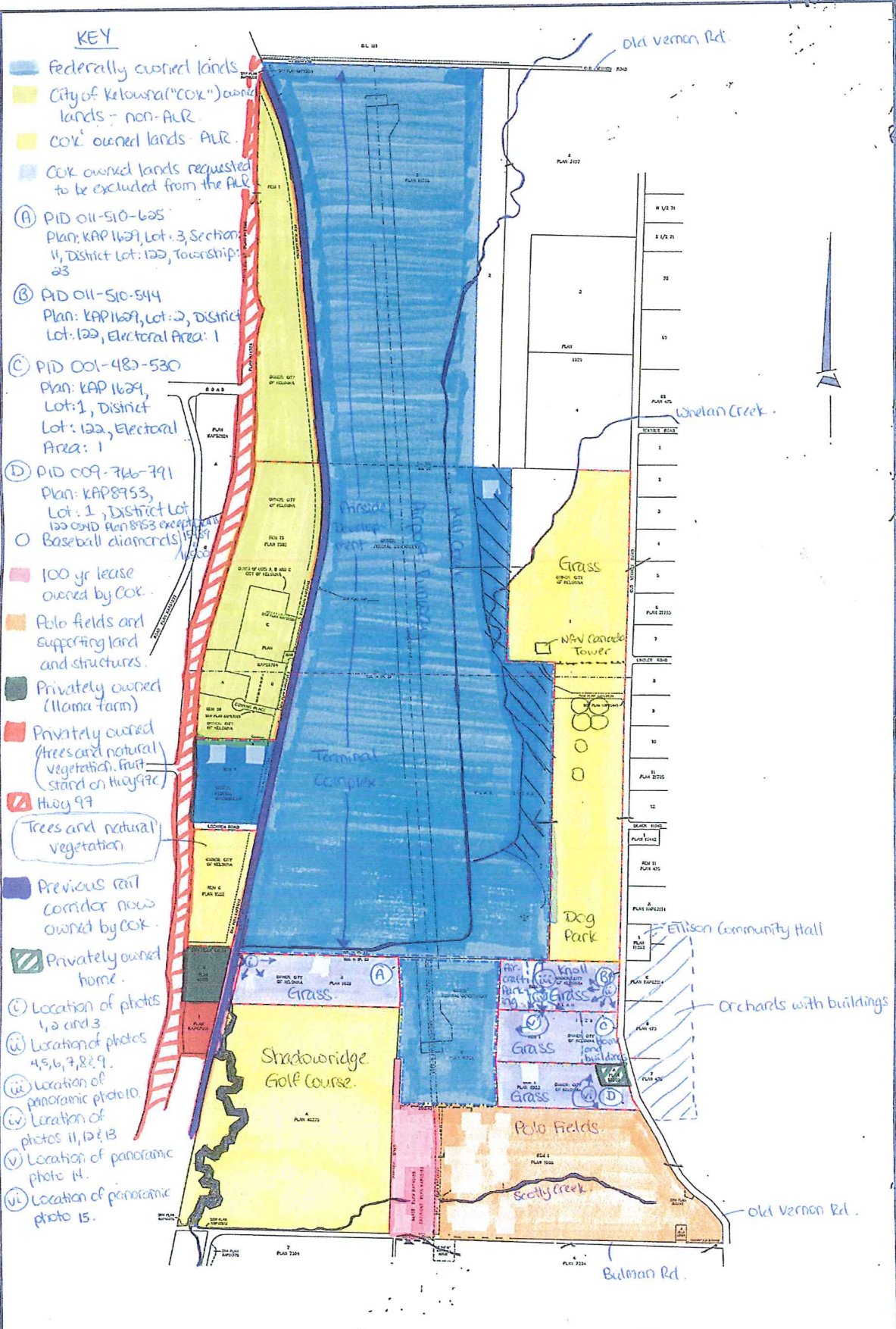
This photo is of a hangar that would be used to house a plane during maintenance. The photo was taken from YLW's apron, looking North-West. This facility is located on the West side of the runway, North of the terminal building.

YLW AUC Application - Plan Sketch Map
(Aerial View)



- 1 = A from pg 1
- 2 = B from pg 1
- 3 = C from pg 1
- 4 = D from pg 1

YLW ALC Application - Plan/Sketch Map



KEY

- Federally owned lands
- City of Kelowna ("COK") owned lands - non-ALR
- COK owned lands - ALR
- COK owned lands requested to be excluded from the ALR

- (A) PID 011-510-625
Plan: KAP1629, Lot: 3, Section 11, District Lot: 122, Township: 23
- (B) PID 011-510-544
Plan: KAP1629, Lot: 2, District Lot: 122, Electoral Area: 1

- (C) PID 001-483-530
Plan: KAP1629, Lot: 1, District Lot: 122, Electoral Area: 1
- (D) PID 009-746-791
Plan: KAP8953, Lot: 1, District Lot: 122, Electoral Area: 1

- Baseball diamonds
- 100 yr lease owned by COK
- Polo fields and supporting land and structures
- Privately owned (llama farm)
- Privately owned (trees and natural vegetation, fruit stand on Hwy 99)
- Hwy 99
- Trees and natural vegetation
- Previous rail corridor now owned by COK
- Privately owned home

- (i) Location of photos 1, 2 and 3
- (ii) Location of photos 4, 5, 6, 7, 8, 9
- (iii) Location of panoramic photo 10
- (iv) Location of photos 11, 12 & 13
- (v) Location of panoramic photo 14
- (vi) Location of panoramic photo 15

- Air craft parking lot
- Knowlton Park
- Dog Park
- Etilson Community Hall
- Orchards with buildings

- Grass
- Shadowridge Golf Course
- Polo Fields
- Scotty Creek

- Grass
- Grass
- Grass
- Grass
- Grass

- Grass
- Grass
- Grass
- Grass
- Grass

- Grass
- Grass
- Grass
- Grass
- Grass

SCALE: Not to scale	TITLE: KELOWNA AIRPORT LANDS	DRAWN BY:
DATE:		
DWG:		
FILE NO:		CLEVER:



This facility is used for cargo operations. This photo was taken from YLW's apron, looking West. This facility is located on the West side of the runway, North of the terminal building.



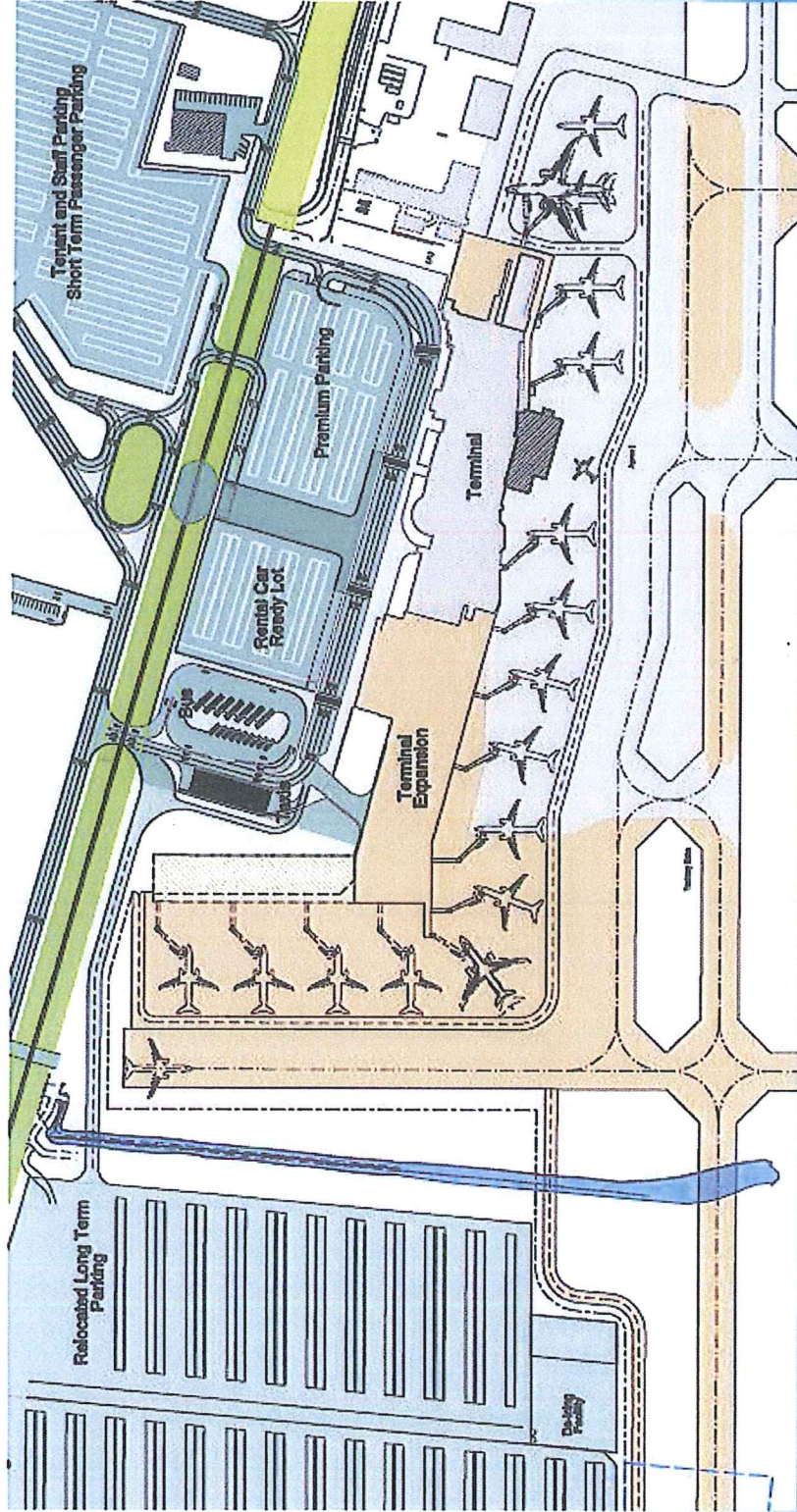
This facility houses YLW's current fueling operations. This photo was taken from YLW's apron, looking North West. This facility is on the West side of the runway, North of the terminal.

Terminal Apron



SNC-LAVALIN

Updated Apron Expansion - Option 1

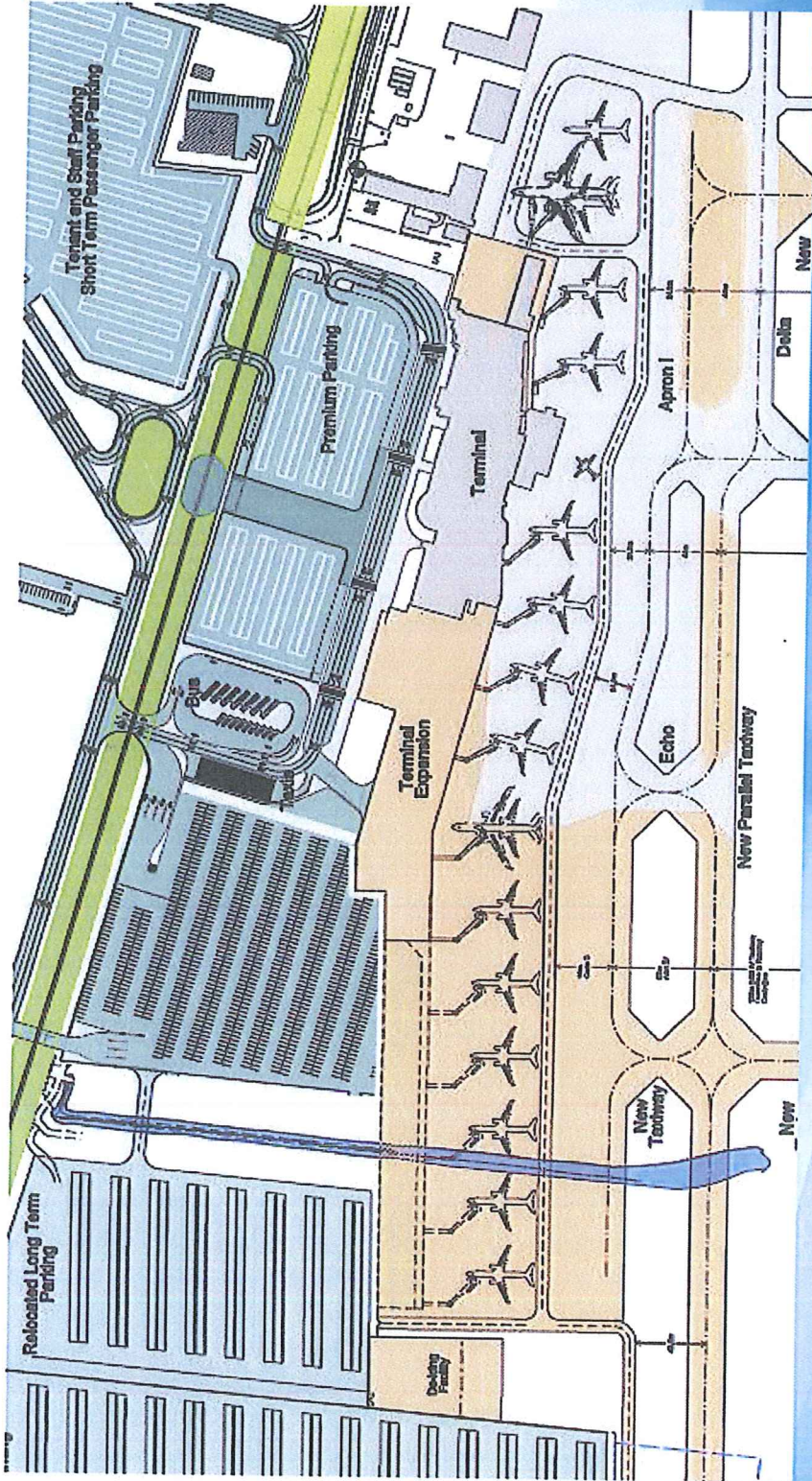


Terminal Apron



SNC • LAVALIN

Updated Apron Expansion - Option 2

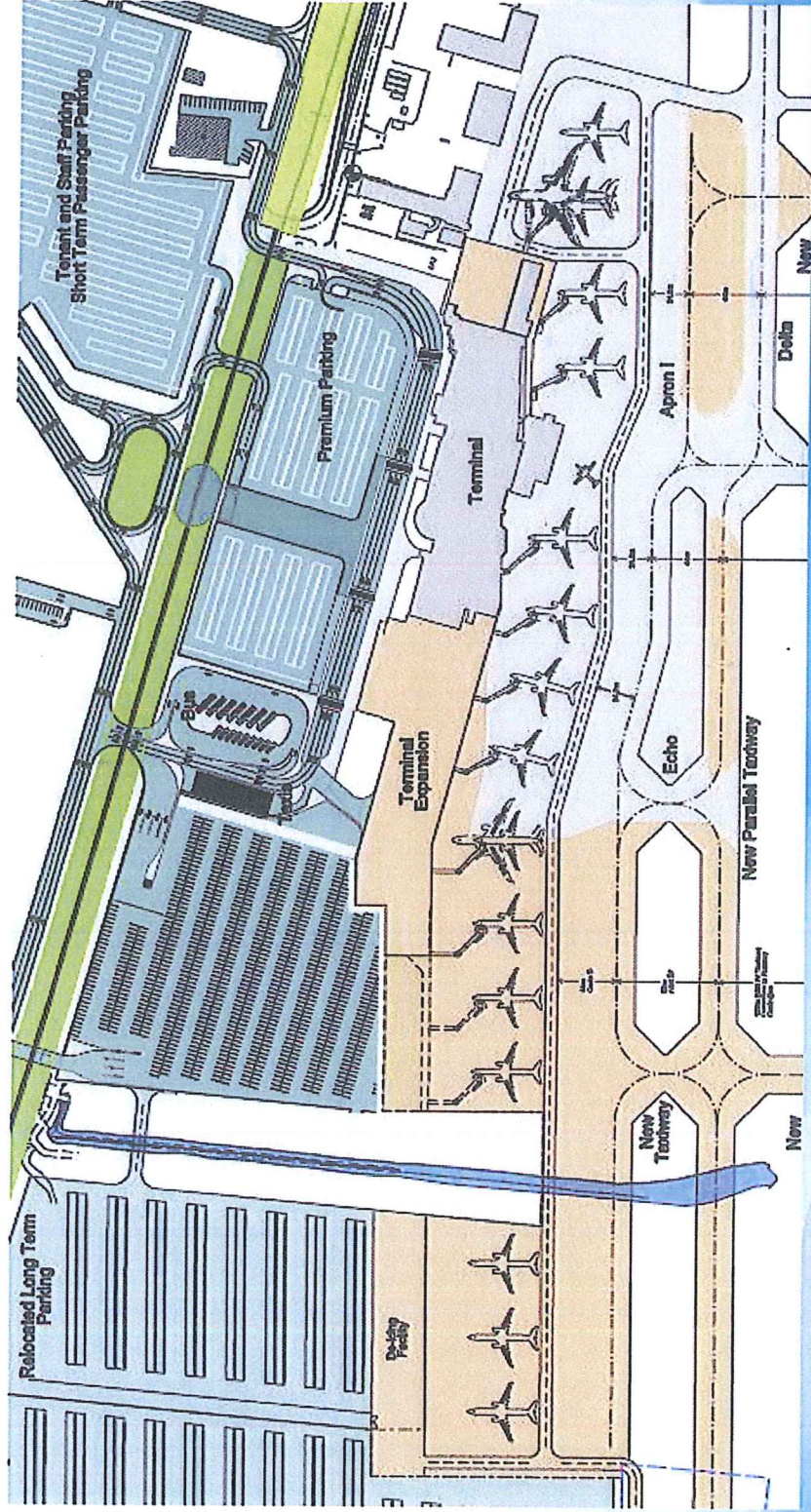


Terminal Apron



SNC-LAVALIN

Updated Apron Expansion - Option 3



Future East Parallel Taxiway



SNC • LAVALIN

Taxiway Configuration - Preserved Mill Creek Layout

