



ALJA ONE Hybrid Fuel, Hydrogen & Charging Station:

ALJA ONE Hybrid Fuel, Hydrogen & Charging Station at Port Boskamp operating as a multi-energy mobility site. On the left is a conventional fuel forecourt with a large illuminated canopy, fuel pumps, parked vehicles, and a convenience store. In the center are containerized hydrogen units labeled **H₂ / Hydrogen Clean Energy**, while the right side contains dedicated **EV charging stations** with a passenger car connected in a marked charging bay.

The overall design uses strong green and blue lighting, clearly separating the three energy services—traditional fuel, hydrogen, and electric charging—while presenting them as part of one integrated station.

Main Port Boskamp ALJA ONE Hybrid Station Rendering:

The large central image shows a modern hybrid station with a wide solar-panel-covered canopy, traditional fuel pumps underneath, a convenience store in the center, dedicated electric vehicle charging bays on the left, and a separate hydrogen fueling and storage area on the right. Multiple cars are positioned throughout the forecourt, and the site includes clearly marked traffic lanes, pedestrian crossings, landscaped areas, lighting, and parking. Large hydrogen containers marked **H₂ Hydrogen Clean Energy** sit beside the hydrogen dispensing area, showing how conventional fuel, electric charging, and hydrogen fueling can operate side by side within a single organized transportation-energy facility.



Hydrogen Storage System:

The upper-right inset image focuses on the **hydrogen storage equipment**, showing a containerized system containing horizontal high-pressure cylinders and associated piping and mechanical components. The accompanying labels describe the hydrogen as being stored in large containerized units using high-pressure storage, with the concept emphasizing clean, efficient, renewable, and future-ready energy supply. The containerized arrangement allows the hydrogen equipment to remain separated from the primary customer areas while still being positioned close enough to supply the hydrogen fueling section.

Electric Vehicle Charging Area:

The lower-left portion of the central rendering shows a dedicated **electric charging zone** with several charging dispensers positioned alongside green-painted EV parking spaces. A passenger vehicle is shown at the charging area, and the bays are physically separated from the conventional fuel pumps to create a clearly defined electric vehicle section. The chargers are located close to the convenience store, allowing drivers to access food, drinks, and other services while their vehicles charge.



Convenience Store & Customer Amenities:

The circular inset images at the bottom highlight the station’s customer facilities, including a brightly lit **convenience store with food and drinks**, an indoor seating or service area, clean restroom facilities, and easy vehicle access around the property. These images present the station as more than simply a fueling location, with retail, food, restrooms, customer service, parking, and comfort facilities integrated into the overall development.

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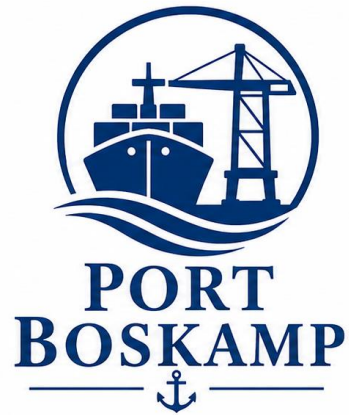


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Site Layout / Aerial View:

The lower-right aerial rendering provides an overview of the complete ALJA ONE station layout. It shows the main entrance, central solar-roof canopy and fuel pumps, dedicated electric charging bays, convenience store, parking areas, exit route, and a separate hydrogen-storage zone containing multiple containerized units along the edge of the property. The site is arranged so that each energy service has its own operational area while remaining connected through a common circulation system, creating a compact hybrid-energy station capable of serving gasoline and diesel vehicles, hydrogen-powered vehicles, and electric vehicles from one location.





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