

Project Description

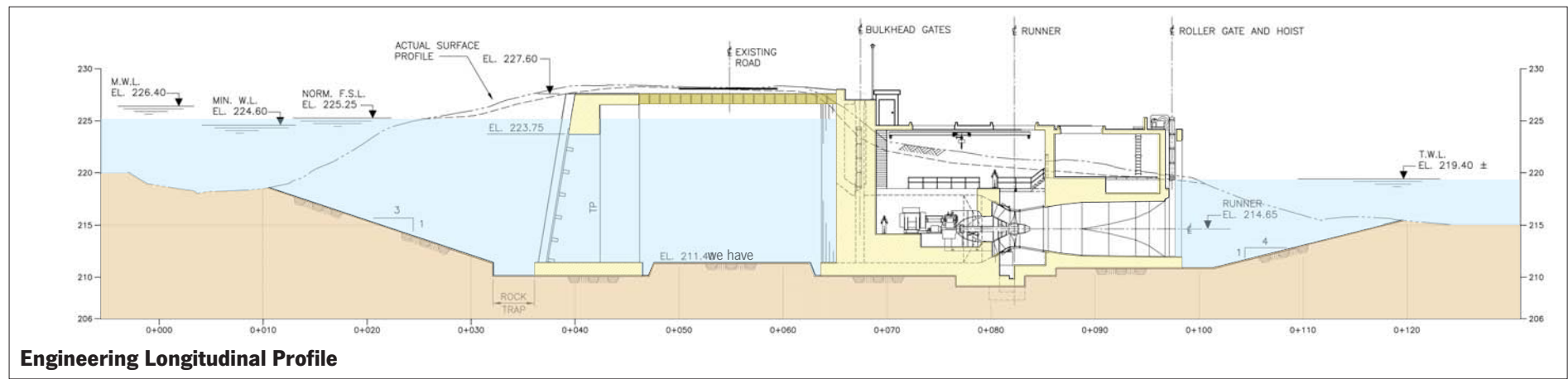
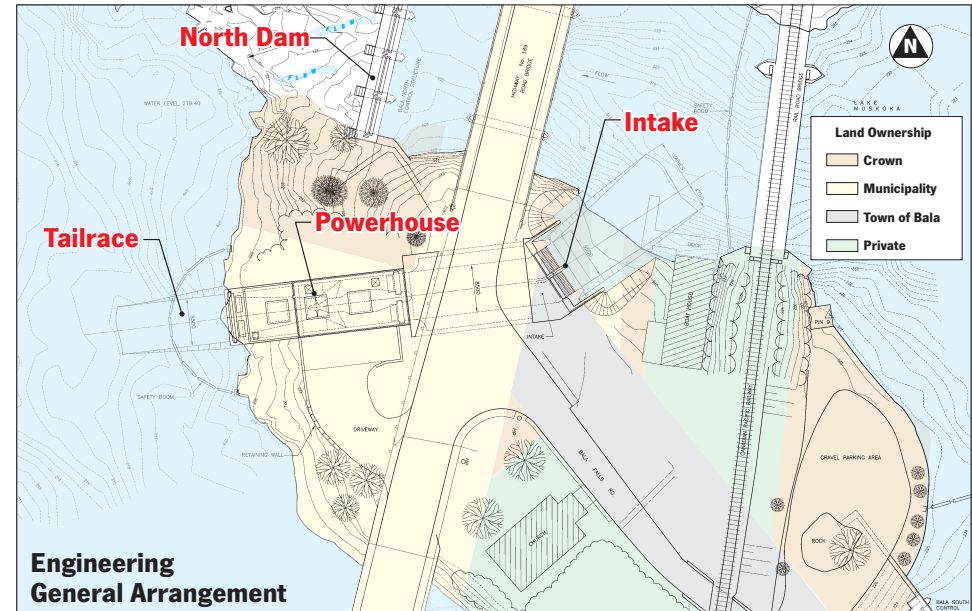
Swift River Energy Limited proposes to build, own and operate a 4.3 MW hydroelectric generating station adjacent to the south end of Bala's North Dam.

Facility Components

- An **intake** structure, built on the river bottom to direct water into the powerhouse.
- A **powerhouse** containing the electricity generating and transformer equipment.
- A **tailrace** to return the water to the river.
- An **underground 44 kV powerline** to deliver the station's electricity to the local distribution grid.

Design Features

- With most of the station's structures located below grade, and, a comprehensive plan to landscape the site, **the power station will be virtually invisible.**
- The **existing dam** structure will remain **unchanged.**
- **Water flows** will strictly **comply** with the **Muskoka River Water Management Plan.**
- The site's traditional character and scenic beauty will be **preserved and enhanced.**
- **Safe access** to the site and surrounding area will be improved.



Engineering Longitudinal Profile