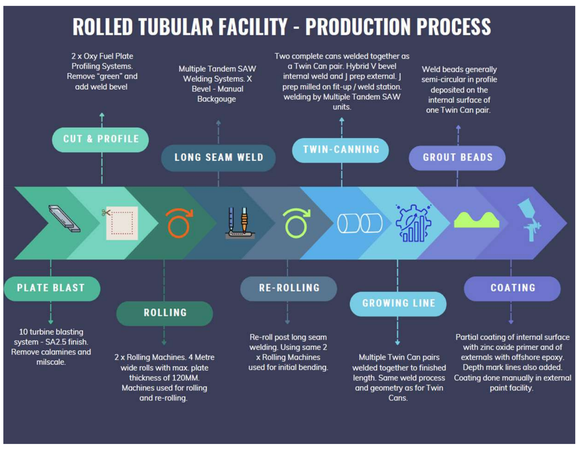
Public Consultation | Former NIGG Oil Terminal | May-Aug 2025

Production Process & Facility Layout



Process Description

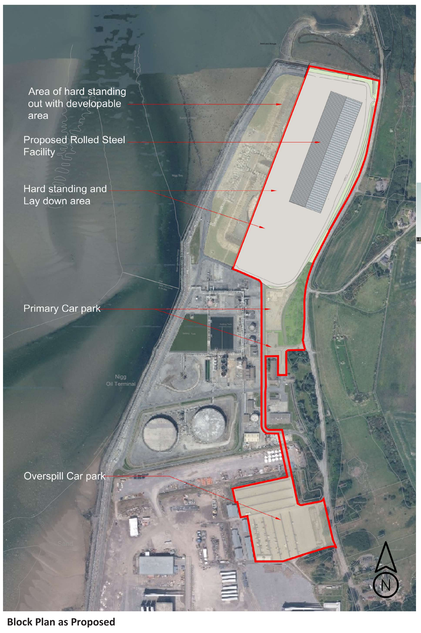
The proposed Rolled Tubular Facility at Nigg Energy Park will be a state-of-the-art manufacturing operation designed to produce large-diameter steel tubular components primarily for use in offshore wind and other renewable energy infrastructure projects.

The process begins with the delivery of flat steel plate materials to the facility. These plates are then prepared, aligned, and passed through a precision rolling process where they are curved into cylindrical forms. Following this, automated welding techniques are applied to create a strong longitudinal seam, transforming the plate into a fully formed tubular section then individual sections are then welded together on growing lines to complete manufacture of the required product lengths.

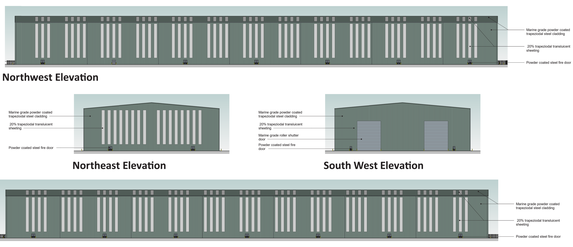
Each tubular section undergoes non-destructive testing and dimensional checks to ensure compliance with industry and client specifications. Once tested, the tubulars are then blast-cleaned and coated with protective finishes, ready for deployment in offshore or industrial environments.

The facility will incorporate advanced machinery, quality assurance systems, and safety measures to deliver high-quality outputs while maintaining environmental and operational standards. Its strategic location within the Nigg Energy Park allows for efficient onward transport and assembly, supporting large-scale renewable energy developments both nationally and internationally.

Sketch Proposals



Block Plan as Proposed



Northwest Elevation

Northeast Elevation

South West Elevation

Southeast Elevation

Ground Floor Plan

Design Summary

The proposed Rolled Tubular Facility at Nigg Energy Park is a purpose-built industrial structure designed to support the fabrication of large-diameter steel tubulars for the offshore renewables sector. The building features a robust and modern design suited to its coastal environment, utilising marine-grade powder-coated trapezoidal steel cladding for durability and weather resistance.

The elevations include:

- 20% translucent trapezoidal sheeting to enhance natural light within the workspace.
- Powder-coated steel fire doors for safety and security across all elevations.
- A marine-grade roller shutter door on the northwest elevation to accommodate the movement of large components and equipment.

The building is designed with operational efficiency and structural resilience in mind, and its external materials reflect a consistent and functional industrial aesthetic. The elevations show a clean, symmetrical form that integrates with the surrounding infrastructure at Nigg Energy Park.

Sketch View from B9175 looking South

As a stakeholder in this process your comments are welcome and these can be recorded by email to:
Kenny.Shand@arthian.com or by letter to: Kenny Shand at Arthian, Willow House, Stoneyfield Business Park, Inverness, IV2 7PA
Submissions should arrive no later than 14th August 2025

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