



## Project Overview

MCP Environmental installed access steps to a high voltage pylon for National Grid in Sheffield.

National Grid required access steps to facilitate routine maintenance and inspection of the high voltage pylon set in dense vegetation. MCP groundworks included hand digging the ground for 30 sustainable pressure treated timber steps.

The works included infilling with 30mm gravel and installing a hand rail. As the site lay on the River Don flood plain it was critical to ensure sufficient drainage to allow surface water to disperse through the hard core and geo textile membrane.

Care was taken not to disturb local wildlife and vegetation using hand tools. The steps allow for easy access to the site during all weathers to reduce distribution down time and engineer site visits.

The pylon carries high voltage overhead lines and is integral to the electricity distribution for the Yorkshire region.

**nationalgrid**

- ❖ **CLIENT**  
National Grid
- ❖ **PROJECT TITLE**  
Access and Egress
- ❖ **SCOPE OF WORK**  
Hand excavation  
Timber step and railing installation
- ❖ **CHALLENGES**  
High Risk Live Environment  
Restricted Access  
Safeguarding Eco System



## Client Review

Andy Ellis said: “MCP have ensured a high standard of installation allowing our engineers safe access to the site. The setting is challenging, MCP have done a fantastic job.”

Project Manager

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