



Key:

Hydropower Structures:

- Import/export meter & DNO's fuses
- Intake (weir)
- Outfall (masonry headwall structure)
- Power House (Turbine)
- Transformer (existing 100kVA, split phase, pole mounted transformer)
- Girder bridge for cable

Hydropower Pipes & Cables:

- Buried Penstock (355mm diameter, HDPE pipe)
- Overground Penstock (355mm diameter, HDPE pipe)
- Tailrace (buried, 600mm diameter, HDPE pipe)
- Proposed LV cable (buried, owned by the hydropower owner)
- Existing LV cable (buried, owned by the DNO)
- Proposed stone access track (permanent)
- Existing stone track
- Existing HV single phase overhead cables (owned by DNO)

Other Features:

- Landownership boundary
- Material storage areas
- Site area (pipes & cables = 0.46hectares, structures = 0.14hectares, total = 0.6hectares)
- Public Rights of Way
- Footpath
- Restricted Byway

Client: Dylan Jones
 Installation Address: Tŷ Mawr, Mallwyd, Machynlleth, SY20 9HS
 Drawing Title: Site layout for hydropower scheme
 Drawn By: LMB
 Date: 25th November 2023
 Scale @ A1: 1:1,500
 Dwg No: 230209LB01
 Version: 3 (Public Rights of Way added)