

KL2887/SA /EW

31st January 2024

Planning Department
Ribble Valley Borough Council
Council Offices
Church Walk
CLITHEROE
Lancs
BB7 2RA

Dear Sirs

Re Development at Root Farm, Dunsop Bridge – positioning of new substation for ENWL infrastructure

Please find enclosed on behalf of our client, The Duchy of Lancaster, a full planning application for the positioning of a new substation for the enclosure of ENWL infrastructure to increase electrical supply to both Root Farm and the surrounding area at Dunsop Bridge.

The application is straightforward, and we enclose both the details of the ENWL supplied GPR housing unit and slab base required for their installation together with the site plan and elevational detail of the proposed substation within the context of the recent, planning approved, development of Root Farm.

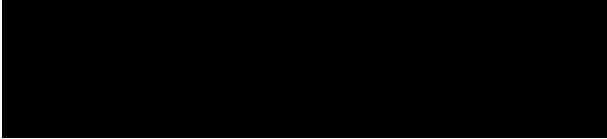
We are advised that ENWL have criteria that must be followed in respect to any substation development, and this primarily includes the GPR housing and double access doors having full 24/7 access without any restriction in terms of gates and parking blockages. In addition, there has to be methodology as to how the underground cable can be swept into the housing unit given the restriction of the core of the supply cable.

Following detailed discussions with ENWL the attached site plan is approved by their installation team and we believe the substation sits comfortably against the backdrop of the approved development. Naturally the GRP detail is a practical ENWL installation requirement but to give the substation a sense of context we have suggested that the rear and side of the unit is screen with a timber fence solution that matches the fencing approved to the adjacent bin storage area.

It should be noted from the ENWL install details that there must be a clear 2m distance from the side of the GPR unit to any building / enclosure – this is to allow for the essential earthing base required for the electric loading to the unit. The rationale from the client side as to positioning is obviously to follow the requirements of ENWL but also to have the substation within 15m of the approved plant room as this is the maximum duct length ENWL will allow to the gear switching requirements. In this situation we have chosen to include the switch gear within the approved plant room to avoid having to position another external ENWL cabinet (approx. 1.2m wide and 2m high)

We trust that all the details required to determine this application are attached to this submission and that if there is any further detail or clarification required, it will be requested by return.

Yours faithfully,
The Wright Design Partnership Ltd



Erica Wright
Chartered Architect

Enc Application form
 KL2887 / 04D, 05c and 06C – planning approved details – forming 'existing' detail
 KL2887 / 201 and 202 – proposed substation details
 ENWL GRP substation and slab requirement details
 Application fee