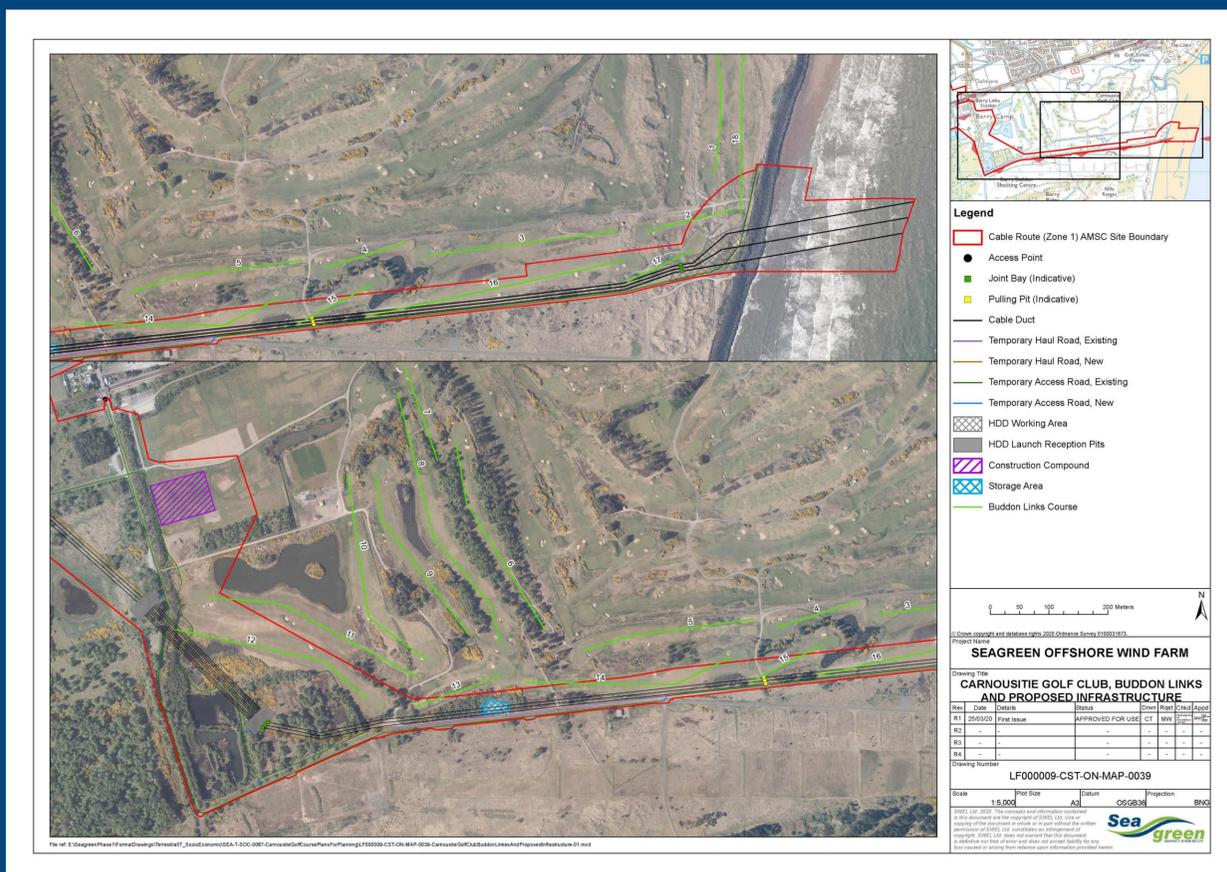


9

Landfall works

The electricity generated by the Seagreen wind turbines is transmitted via subsea cables around 40km to the shoreline at Carnoustie. The subsea cables are then connected to underground cables which take the electricity a further 19km to our new substation at Tealing.

The maps below show in more detail the extent of the works that will be undertaken at the landfall point and the route that the cable installation works will take at the southern edge of the Carnoustie Golf Links. Larger versions of these maps are available on our website.



Map : LW1



View to the landfall point

At the landing point, the proposed construction method for the installation of the three cable ducts will be undertaken by one of two construction methods – Horizontal Directional Drilling (HDD) or Open Cut trenching.

Using a trenchless technique, HDD will install the necessary ducts below the existing coastal defence system to below the seabed before popping up on the seabed at a suitable distance offshore and the cables will then be pulled through at a later date.

The Open Cut trenching technique would install the ducts by excavating sections of the coastal defence system and installing ducting for the three circuits to the beach area before reinstating the coastal defence system. At a later date each cable would then be pulled through the installed duct and the cable buried on the beach area using specialised offshore plant and machinery.

The areas affected by these works will be localised to the proximity of the cable circuits shown in black on **Map : LW1** within the red line boundary area as shown.

In May 2020, we reached a land agreement to agree installation of the cable with Angus Council and Carnoustie Golf Links Management Committee.

A larger version of the above left map is available on our website (**Map : LW1**)