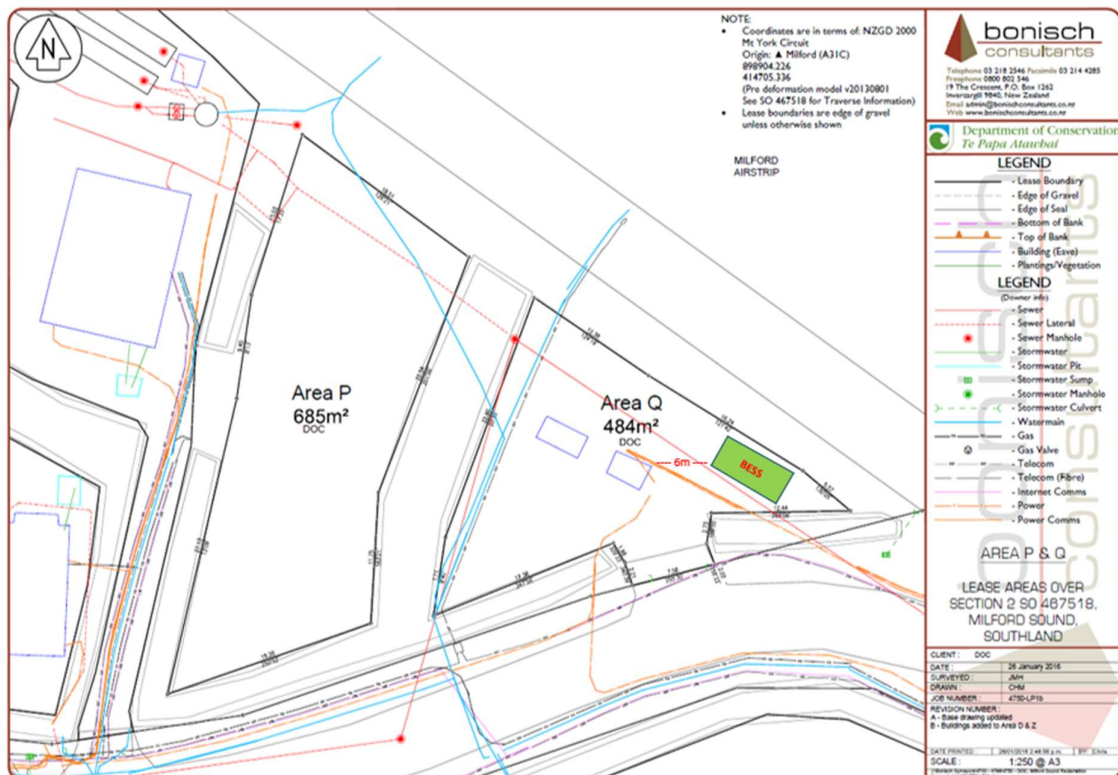


Attachment 3B: A

BESS location plan is shown below in green fill. The GPS coordinates are

Latitude:

Longitude:



The photo below shows the area adjacent to the existing switching hut.



The BESS enclosure will be 6.1m long, 2.44 m wide and 2.89m high as shown below. The enclosure will be painted a green – Coloursteel Mist Green



20' Container



Colour - Mist Green

Public safety:

The Battery Energy Storage System (BESS) modules are intrinsically safe and are designed for outdoor installations just like the residential roadside transformers on the streets of NZ. However, Milford Power has decided to enclose the modules for weather protection as the environment at Milford is quite harsh with driving torrential rain and high summer temperatures on occasions. The enclosure will be a 20' container that has been modified for earthquake strengthening of the bottom mountings. The Panasonic Datasheet for the battery module follows. The voltage is 400v that is a low voltage figure as used in residential housing. The battery modules will connect to the 400v/3.3kV transformer shown in the photo to the right of the switching hut below.

There will be safety signage warnings on the outside of the battery enclosure. There is no requirement for safety reasons to enclose the BESS inside a security fence. All Milford Power facilities have substantial keyed locks to prevent public access as is common practice in the electrical industry in NZ. Below is a photo of the Diesel powerhouse showing the warning and lock.



Switching hut and transformer that the BESS will connect to shown on right



Typical security and safety warning on Milford Power facilities

BESS Datasheet is attached as Attachment 3b-B