

Discovery Park Sub Station Base

Best Practice Case Study



Project Data

Client : Discovery Park

Location : Sandwich , Kent

Main Contractor : ISS

Completed : 2020

Project Overview

The development, Discovery Park, is primarily a hub for science and technology based activities and is now introducing new retail and leisure amenities to the area to improve the welfare facilities for its tenants and the local area. The first phase of this expansion includes a hotel with EV charging facilities, a petrol station and a drive through coffee shop. As all electrical power on site is delivered via a private network it was decided to expand an existing circuit to meet the new power demands. A new substation was required to be constructed to accommodate this expansion .

Scope Of Work

NCCT were originally contracted to design and construct the sub - station base .

Taking the original clients remit a comprehensive design was undertaken with CAD drawings, reinforcing schedule and supporting calculations being carried by NCCT. This design was then implemented on site where a complex new substation concrete foundation was constructed. The base had to incorporate both HV and LV ducting entering the base, a bunded internal area ,a GRP walkway on supporting steelwork and landscaping .

The works were completed on time and budget .

