



Metricab Power Engineering Limited

MPE Project Ref. NCS2148

**Project Location: Ferring Country Centre, Rife way,
Worthing, BN12 5JZ**

TITLE: New 448.5kVA Supply

UKPN REF: 8200032683 / QID 3200023927

FLOOD ASSESSMENT

DOCUMENT NO: NCS2148-FR.01 Rev: 00

CLIENT: Ferring Country Centre

SITE: Rife way,
Worthing, BN12 5JZ

PROJECT: New HV Connection of 448.5kVA Supply

Date of Assessment: 20.01.2020.

Date of Revision:

Design Engineer/Assessor: Mathew Thomas

DNO: UK Power Networks

DNO Ref: 8200032683 / QID 3200023927

Assessment Review Date: TBA

Assessment Review By: Kerry Lumley



Metricab Power Engineering Limited

MPE Project Ref. NCS2148

**Project Location: Ferring Country Centre, Rife way,
Worthing, BN12 5JZ**

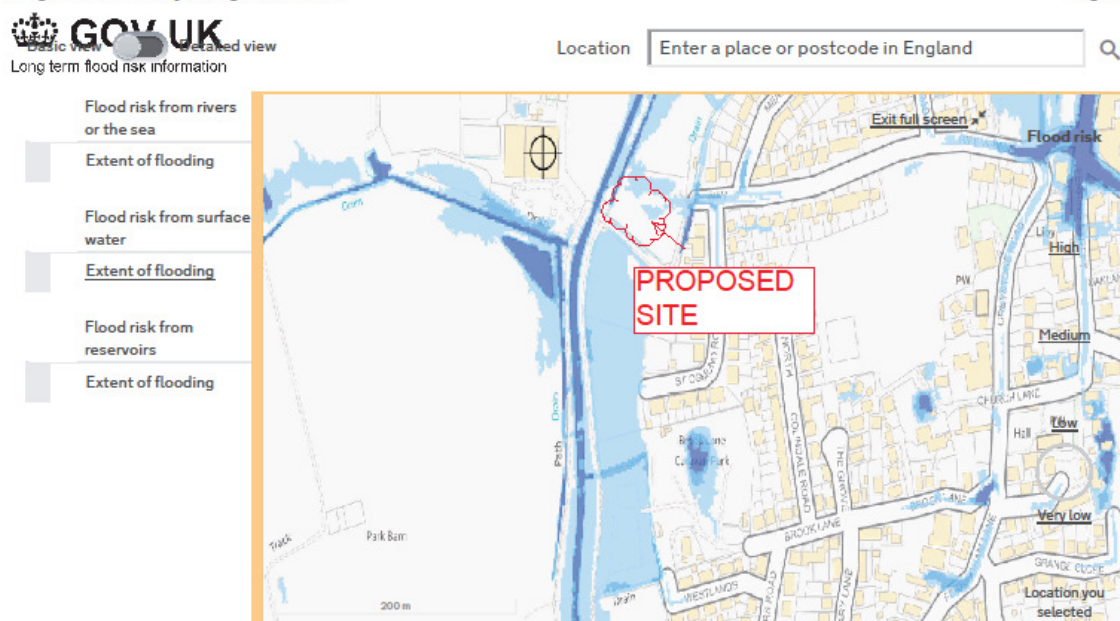
TITLE: New 448.5kVA Supply

UKPN REF: 8200032683 / QID 3200023927

SURFACE WATER

Long term flood risk map for England - GOV.UK

Page 1 of 1



<https://flood-warning-information.service.gov.uk/long-term-flood-risk/map?eastng=508876&northing=102826&address=100062231879>

15/01/2020

This location is in an area at very low risk of flooding

Even if flooding doesn't threaten your location directly, it may still affect:

- transport
- power
- communications networks

All information, particularly the likelihood of surface water flooding, is a general indicator of an area's flood risk. As such it is not suitable for identifying whether an individual property will flood. This service uses computer models to assess an area's long term flood risk from rivers, the



Metricab Power Engineering Limited

MPE Project Ref. NCS2148

Project Location: Ferring Country Centre, Rife way,
Worthing, BN12 5JZ

TITLE: New 448.5kVA Supply

UKPN REF: 8200032683 / QID 3200023927

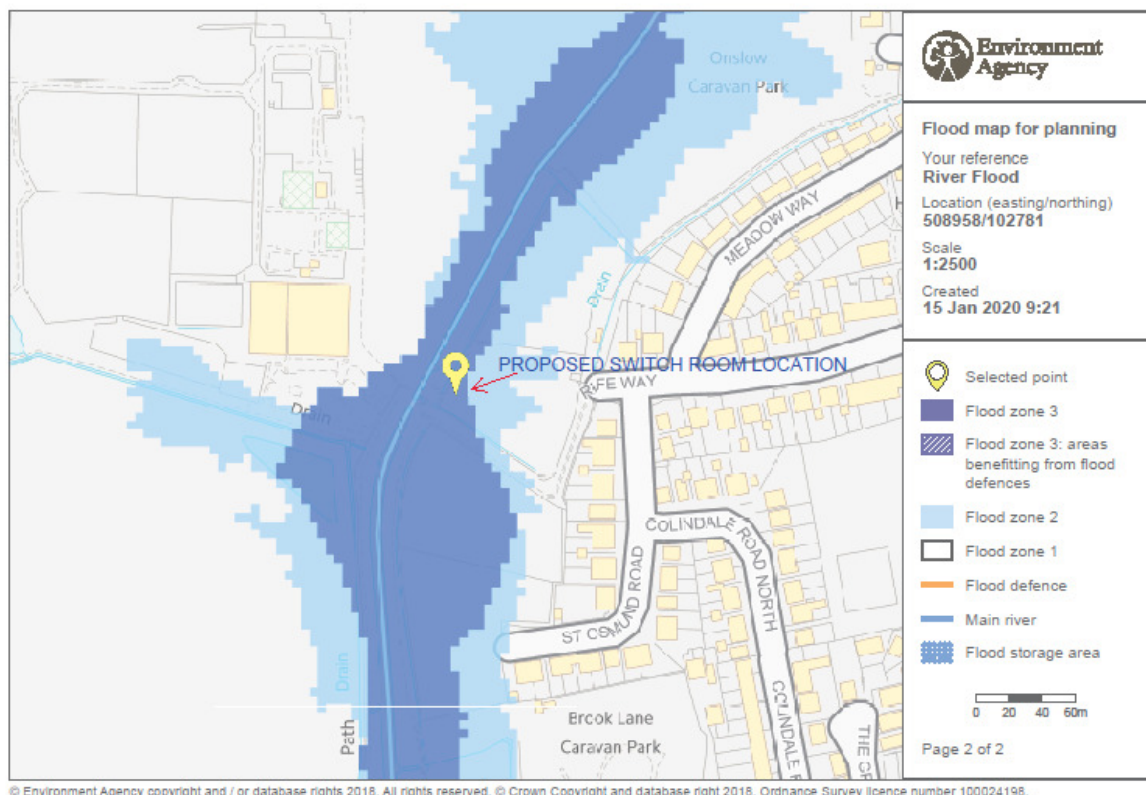
sea, surface water and some groundwater. It does not include flood risk from sources such as blocked drains and burst pipes. **Further information**

Your Local Lead Flood Authority (LLFA) for surface water is West Sussex

[View maps showing the potential extent of flooding in this location](#)

[View detailed flood risk information for this area](#)

RIVER AND SEA FLOODING



	Metricab Power Engineering Limited MPE Project Ref. NCS2148 Project Location: Ferring Country Centre, Rife way, Worthing, BN12 5JZ TITLE: New 448.5kVA Supply UKPN REF: 8200032683 / QID 3200023927
---	--

The proposed new switch room area is in flood zone 3, an area with a high probability of flooding.

Flood Zone and flood risk tables (River and Sea Flooding)

- [Table 1: Flood Zones](#)
- [Table 2: Flood risk vulnerability classification](#)
- [Table 3: Flood risk vulnerability and flood zone 'compatibility'](#)

Table 1: Flood Zones

These Flood Zones refer to the probability of river and sea flooding, ignoring the presence of defences. They are shown on the Environment Agency's [Flood Map for Planning \(Rivers and Sea\)](#), available on the Environment Agency's web site, as indicated in the table below.

Flood Zone	Definition
Zone 1 Low Probability	Land having a less than 1 in 1,000 annual probability of river or sea flooding. (Shown as 'clear' on the Flood Map – all land outside Zones 2 and 3)
Zone 2 Medium Probability	Land having between a 1 in 100 and 1 in 1,000 annual probability of river flooding; or land having between a 1 in 200 and 1 in 1,000 annual probability of sea flooding. (Land shown in light blue on the Flood Map)
Zone 3a High Probability	Land having a 1 in 100 or greater annual probability of river flooding; or Land having a 1 in 200 or greater annual probability of sea flooding. (Land shown in dark blue on the Flood Map)
Zone 3b The Functional Floodplain	This zone comprises land where water has to flow or be stored in times of flood. Local planning authorities should identify in their Strategic Flood Risk Assessments areas of functional floodplain and its boundaries accordingly, in agreement with the Environment Agency. (Not separately distinguished from Zone 3a on the Flood Map)

Note:

Client to raise the substation compound with hard landscape to mitigate the flood zone level at the proposed switch room site.