

Our Ref: 23C08
Date: 03.05.2024

PLANNING STATEMENT

FEATURE SOLAR CAR PORT

For

CUMMINS TURBO TECHNOLOGIES LTD

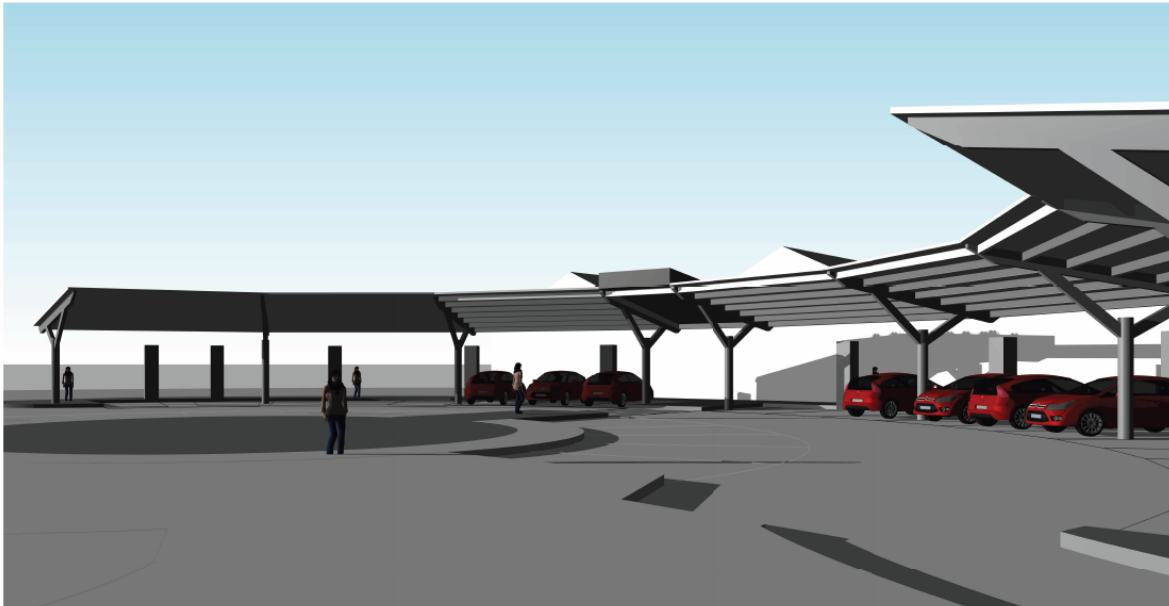
At

*ST. ANDREW'S ROAD, HUDDERSFIELD
HD1 6RA*

1.0 Introduction

- 1.1 This Planning Statement aims to provide context, justification, and an overview of the feature solar car port proposal at Cummins Turbo Technologies, Huddersfield.
- 1.2 This application forms part of the Cummins' site solar project, the first phase of which was granted prior notification on 12th July 2023 under the reference 2023/91709. The works associated with this application have largely been completed to this date.
- 1.3 The feature solar car port is proposed over the existing visitor car park and aims to showcase Cummins' commitment to renewable energy and innovation, while also upholding and emphasising the modern face of their company.

The below image shows a 3D perspective image of the feature car port.

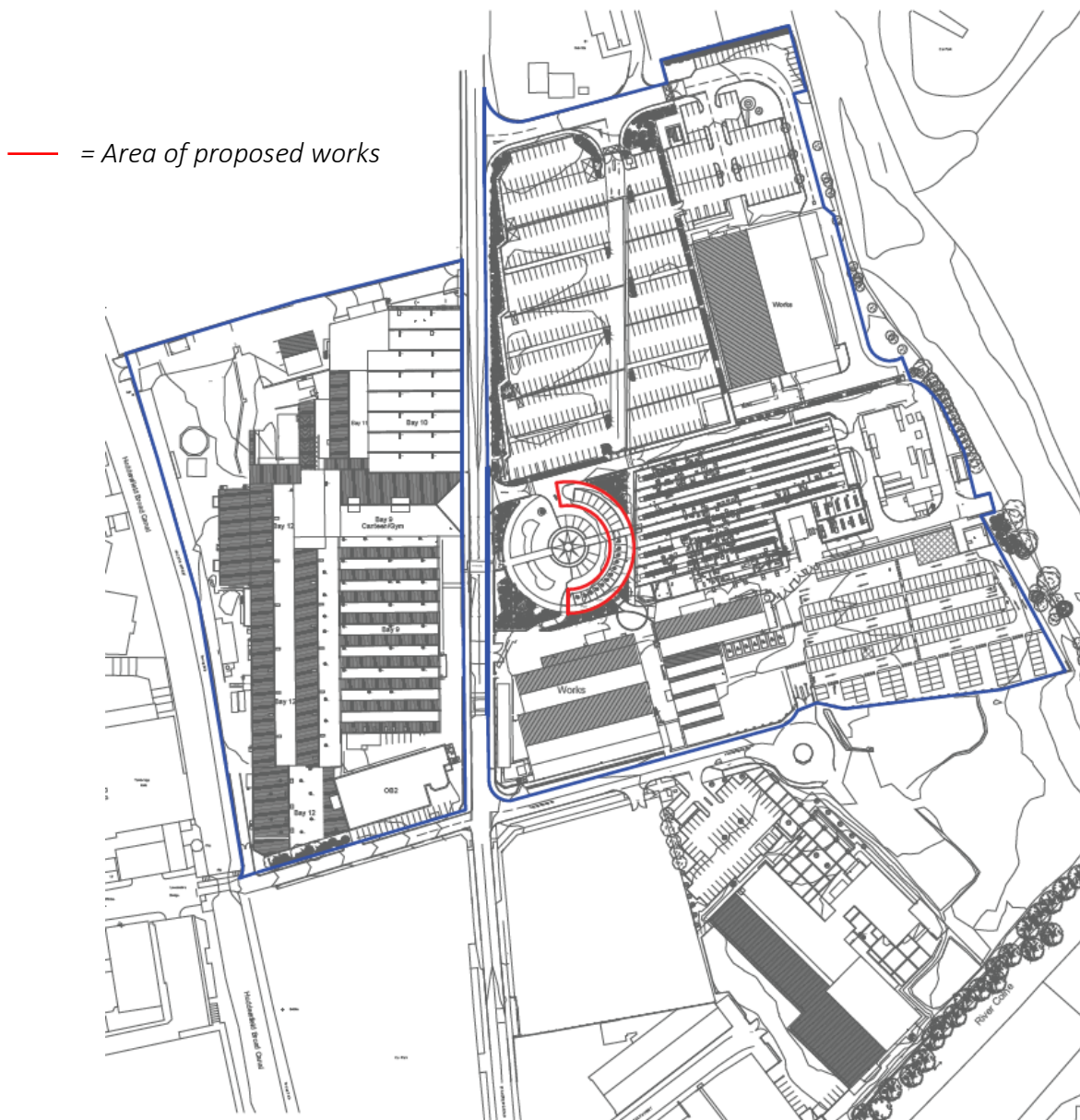


2.0 Location

2.1 The full site address is:

Cummins Turbo Technologies Ltd
St Andrew's Road
Huddersfield
HD1 6RA

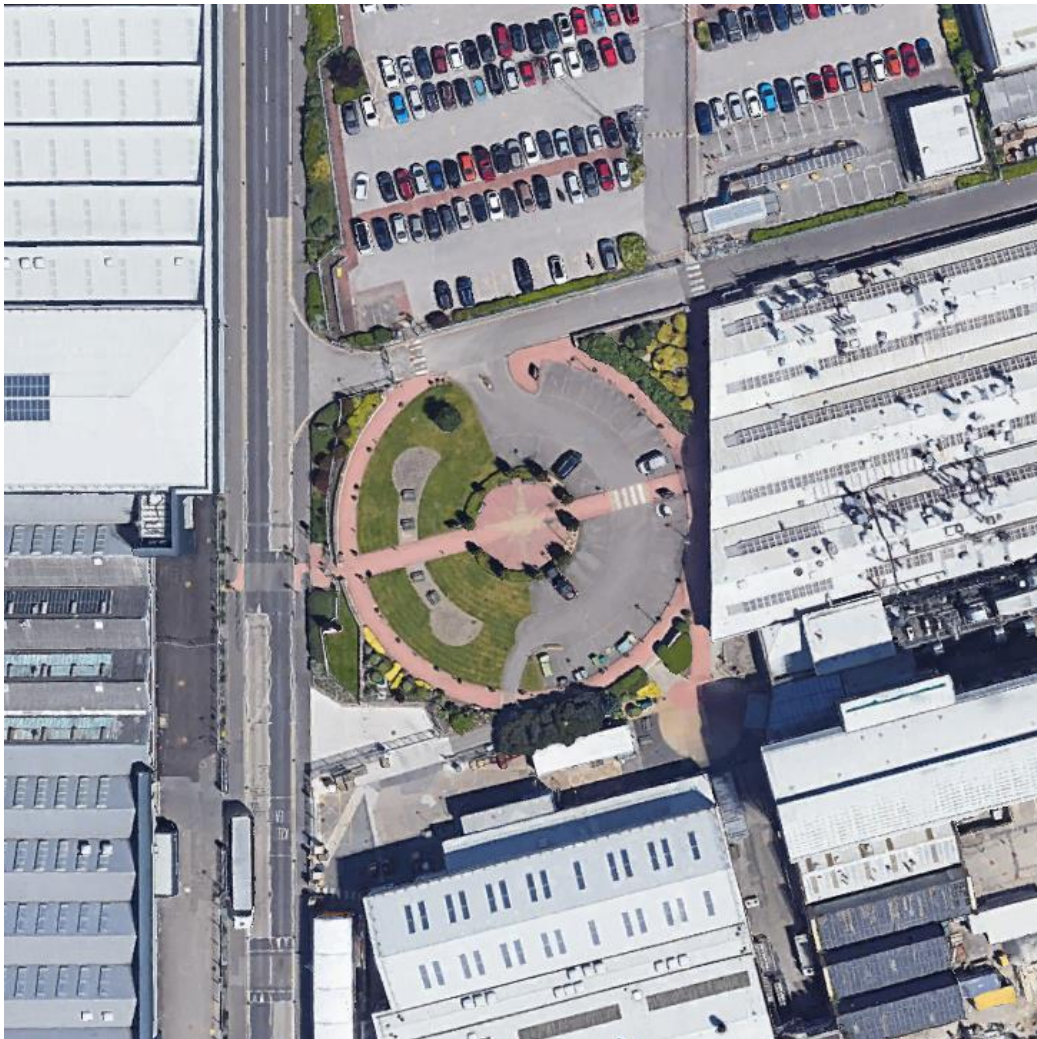
The below image is the location plan for the feature car port.



3.0 Context

- 3.1 Clause 1.2 of this Planning Statement can be read to provide context around the site solar works.
- 3.2 Cummins in Huddersfield have a 'Planet 2050' renewable site goal and their feature car port proposals will contribute towards this goal. Approximately 2,000 solar panels were installed as part of phase one which equates to 136,000 tonnes of Co2 eliminated from the atmosphere. As an approximation, the feature car port will deliver an additional 140 solar panels thus furthering their Co2 elimination statistic.

The below image shows a satellite view of the visitor car park and surrounding context.



4.0 Proposal

- 4.1 The feature car port will be an independent steel frame construction that performs in a similar way to a canopy.

It has been proposed over the visitor car park where the bays are arranged in a semi-circle configuration. The feature car port takes on this shape as a segmented design of equal proportions with pre-fabrication in mind to improve buildability.

Within the feature car port there is a feature segment, a connecting piece between the two wings of the car port. This has been proposed as a feature green roof to further emphasise Cummins' commitment to renewable energy and forward thinking.

The existing car park will be re-lined to accommodate the locations of the proposed structural columns, this does not result in a loss of parking bays. However, one standard parking bay will be omitted and replaced with a disabled bay to improve accessibility.

- 4.2 The new surface water from the proposed roofing will drain to gutters on the car port which connect to rain-chain downpipes which will feed into the existing gullies on site.

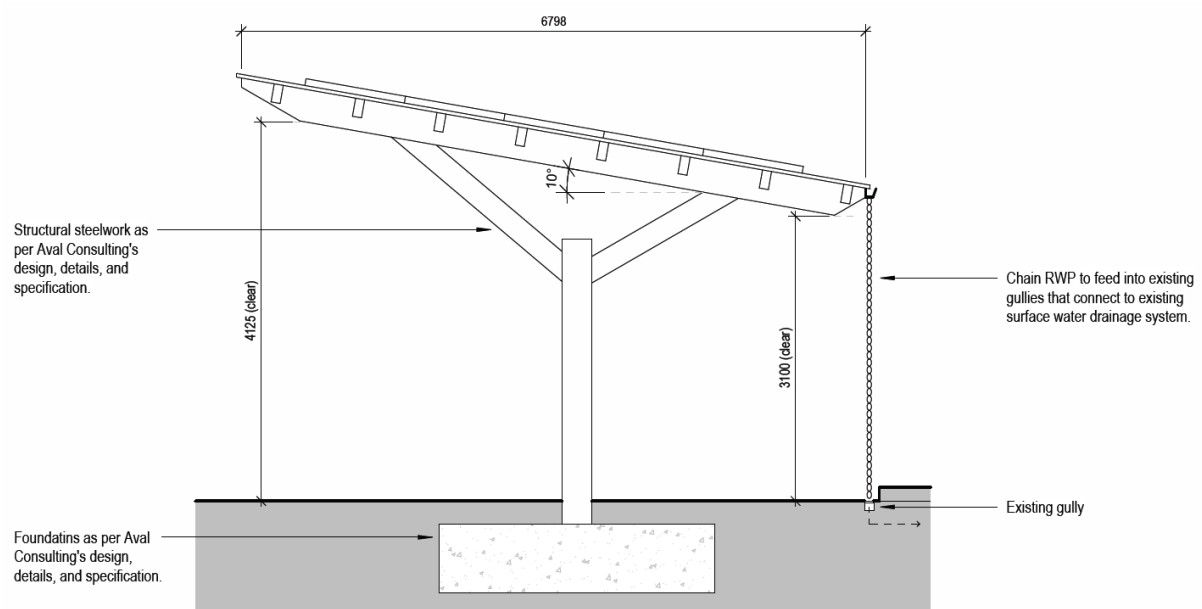
The proposals don't generate any additional surface water, thus will not overload the existing drainage infrastructure.

- 4.3 The proposals will also increase the EVCP provisions; as existing, there are 12 EV charging bays. The proposals will bring an additional 8 EV charging bays, including the disabled bays.

- 4.4 This proposal aims to not only be innovative with renewable energy in mind, but to impress Cummins' stakeholders with the intention of commissioning more car ports to the other car parking areas. If this were to be successful, it has the potential to deliver upwards of 1,000 solar panels across their site.

- 4.5 The approximate number of new solar panels the feature car port will deliver is 140.

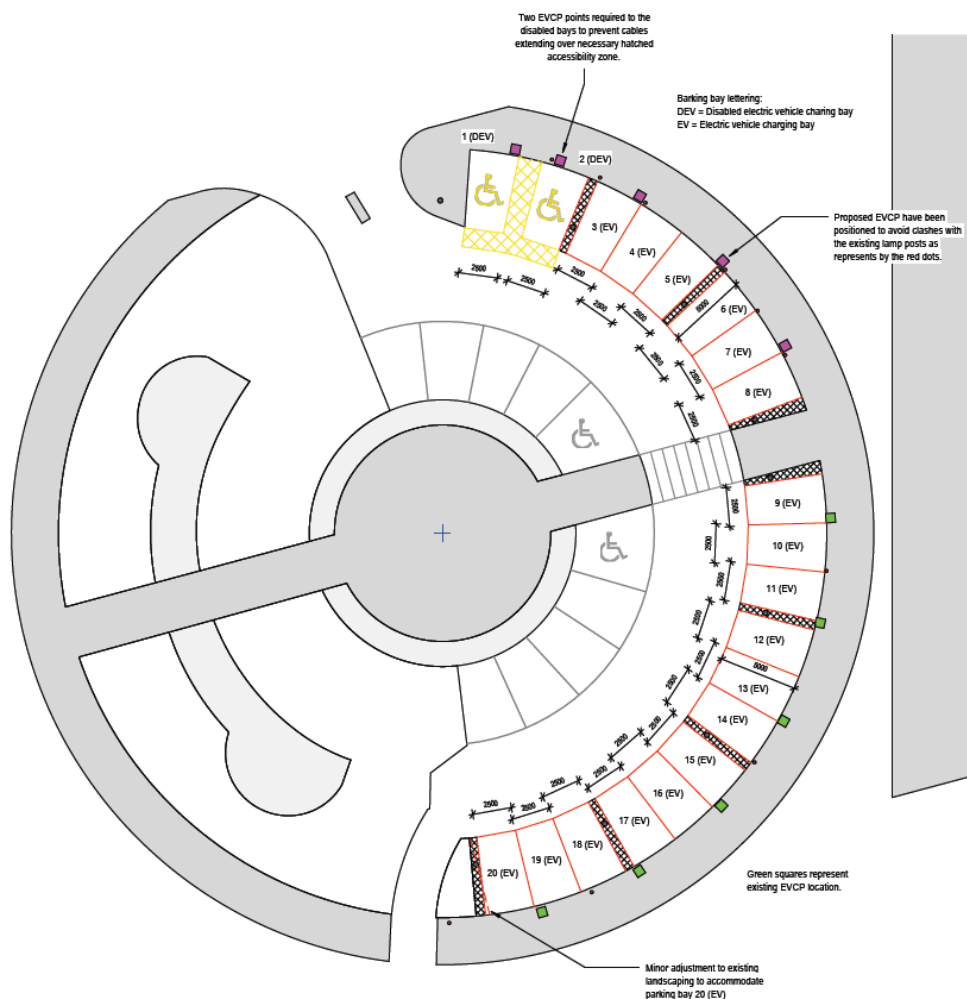
The below image shows an indicative section through the feature car port.



5.0 History

- 5.1 Cummins Turbo Technologies are continually developing their Huddersfield site to improve the performance and safety of their buildings. A recent example of their improvement works is the roof replacement of the Laboratory Operations Building. These works involved the removal of the existing roof, removal of redundant mechanical and electrical equipment, the elimination of roof penetrations, and the installation of a new roof system to achieve a U-value beyond the minimum requirement of the Building Regulations.
- 5.2 The recent history involving the site solar works can be read in clause 3.2 of this Planning Statement.

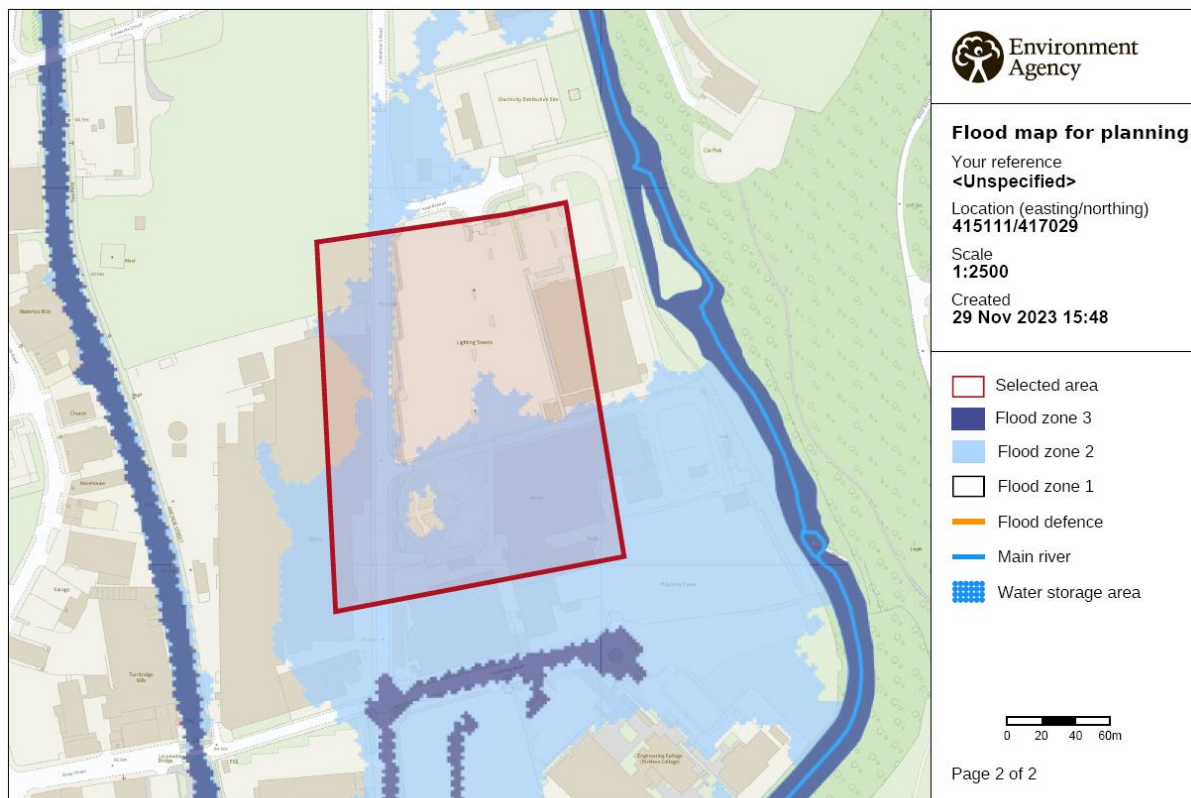
The below image shows the proposed lining plan for the feature car port.



6.0 Flooding

- 6.1 The site is located in flood zone 2, which means there is a medium probability of flooding from rivers and the sea. However, we are not proposing any new hard standing areas. The site is already served by extensive flood protection measures.

The below image is the flood map for Cummins, Huddersfield.



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