

28 October 2020

Attention: **Giuseppe Gigliotti**

Ahrens
36 Cawarra Road,
Caringbah, NSW 2229

Building Code of Australia Compliance Capability Statement **Breen Proposed Resources Recovery Facility - 330 Captain Cook Drive, Kurnell NSW**

In general accordance with your instructions DPC have undertaken an overview assessment of the proposed development against the provisions of the National Construction Code 2019 Amendment 1 Volume 1 Building Code of Australia Class 2 to 9 Buildings (the "BCA") to determine if the proposed development is capable of complying with the BCA should development consent be issued.

Premises

The proposed development is to be occur on the site known as 330 Captain Cook Drive, Kurnell NSW

Development

The development reviewed for the purposes of this assessment is the construction of a new resources recovery facility consisting of a 3 x waste processing buildings, an office/amenities building, workshop, gatehouse and gantries, weighbridges as well as ancillary elements such as roadways, parking, fire service tanks and stormwater management structures.

Documentation Reviewed

The BCA classifies and describes the buildings are as follows:

Architectural

Designer -

Project No. -

No.	Title	Date	Rev
A1.00	Proposed Site Plan	21.08.2020	C
A2.00	Materials Processing Plant Plan	28.09.2020	R4
A2.01	Materials Processing Plant Elevation	21.08.2020	C
A2.02	Materials Processing Plant Elevation	21.08.2020	C
A3.00	Proposed Workshop	21.08.2020	C
A4.00	Proposed Administration Building	09.02.2020	D
A4.01	Proposed Administration Building	09.02.2020	D
A4.02	Proposed Administration Building	09.02.2020	D
A5.00	Proposed Kiosk and Weighbridges	21.08.2020	C
A5.01	Proposed Kiosk and Weighbridges	21.08.2020	C
A6.00	Soil Processing Building Plan	21.08.2020	C
A6.01	Soil Processing Building Elevations	21.08.2020	C
A7.00	Concrete Processing Building Plan	21.08.2020	C
A7.01	Concrete Processing Elevations	21.08.2020	C
A.200_1	Material Processing Plant Plan	21.08.2020	C

BCA Classifications and 'Descriptions'

The BCA classifies and describes the principal buildings are as follows:

C & D Waste Processing Building

Classification: Class 7b & 8 – Storage and processing Facility
Type of Construction: Type C construction (Large Isolated Building)
Rise in Storeys: One (1) storey

Administration & Amenities Building

Classification: Class 5 – Administration
Type of Construction: Type C construction required (Large Isolated Building – due to proximity to the C& D Building)
Rise in Storeys: Two (2) storeys

Workshop

Classification: Class 8 – Maintenance and Workshop
Type of Construction: Type C construction required
Rise in Storeys: Two (2) storeys

Concrete Recycling Building

Classification: Class 8 – Processing Facility
Type of Construction: Type C construction required
Rise in Storeys: One (1) storey

Capability Statement

Based on our review of the provided design documentation identified, it is our considered opinion that the proposed development as depicted on the design documentation is capable of achieving compliance with the BCA, without recourse to a section 4.55 modification

To this extent we note that documentation is limited to schematic development application plans issues of detailed design have not been considered and are to be included with any application for construction certificate.

Furthermore, to achieve compliance with the BCA, components of the building designs are likely to require a performance based design solutions. Where it has been identified that such solutions are required to achieve compliance, it is considered that the solutions would be typical to those generally accepted by industry.

Conclusion

We trust that this assists. Please contact Danial Powell on dpowell@dpc.group or +61 407 623 829 if you require any clarifications.



Danial Powell

Director

MAAC
NSW A1 Accredited Certifier – BDC0329
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Grad Dip Building Surveying
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