

16 January 2023

NL213640

Cox Architecture
Zamzam Sammir
70 George Street
The Rocks NSW 2000

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Dear Zamzam,

Re: Astra Development – Lot 106
Response for Application No: 16-2022-834-1

Northrop Consulting Engineers (Northrop) were engaged to provide waste engineering advice for the Astra Aerolab Commercial Building One.

Port Stephens Council provided a statement indicated additional information is required for the works based on a preliminary assessment. This statement is to cover item 10 – Defence comments.

Although no waste engineering advice for the Astra Aerolab Commercial Building One matters were listed by Port Stephens Council, Northrop have reviewed the statement by Defence (reference: ID-EP-DLP&R/OUT/2022/BS36439592).

The statement by Defence refers to the development being located in the “Birdstrike Group A” area. The statement outlines that organic waste and/or storage of commercial bins associated with the development might be attractive to vermin and/or birds and could potentially increase the risk of bird strike to the operations at RAAF Base Williamtown.

Northrop have reduced this risk during the operation of the development by proposing hoppers with lids for general waste, comingled waste and paper waste (refer to Northrop report NL213640_EC01 Rev B).

Northrop would assume that there would be appropriate management strategies implemented to:

- Monitor the waste and recycling collection frequencies and make adjustments as necessary to ensure that bins are not overflowing prior to collection. It would be assumed this would be managed by the building manager.
- Ensure that all waste/recyclable materials generated on site are kept in enclosed bins with securely fitting lids so the contents are not able to leak or overflow. Bins must be stored in the designated waste/recycling storage area. It would be assumed this would be managed by the building manager.
- Ensure regular maintenance and cleaning of the waste facilities is completed. It would be assumed that this would be managed by the building manager.

Note this list is not exhaustive and risks that present themselves during the life cycle of the Astra Aerolab Commercial Building One will need to be addressed or delegated to the appropriate person/company to be addressed.

		Date
Prepared by	NG	16/01/2023
Checked by	MP	16/01/2023

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Northrop would also assume that during the detailed design phase, the project team engaged will also review the design and reduce the likelihood of bird strike from RAAF Base Williamtown.

Note this statement is to be read in conjunction with Northrop report NL213640_EC01 Rev B.

Yours sincerely,



Nicholas Grinter

Civil Engineer

BEng (Civil) (Hons) MIEAust

		Date
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