

25 February 2020

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Cameron Sargent
Department of Planning, Industry and Environment
320 Pitt Street
SYDNEY NSW 2000

Attention: Andy Nixey

Dear Cameron

Stadium Australia- SSD10342- Stormwater Management

Further to the Department's correspondence please find attached a letter from the project stormwater engineer, Maffei Engineering.

The letter from Maffei Engineering corrects an error in the Stormwater Management Plan lodged with the EIS that stated existing detention areas under the north and south stands would be removed as a result of the works. These detention areas will be retained and augmented as part of the project works to ensure there is no change to stormwater flows from the site.

As detailed in the Stormwater Management Plan, the connection to the external stormwater system will remain as per current arrangements. As such both the flow and water quality of the discharge into this system will not change as a result of the development.

Further work will be undertaken during detailed design to finalise the on-site stormwater design to:

- Manage the flow and storage of 100% of the stormwater detention requirements;
- Ensure the field of play does not flood during storm events;
- Manage stormwater for the 100 year ARI storm events; and
- Ensure there is no change to the existing connection between the on-site and off-site stormwater systems in terms of both rate and volume of flow and water quality.

It is anticipated that the above points could be required as conditional approval in place of the current draft condition B32.

If you have any questions regarding the Report, please contact the undersigned on 0421 595 766.

Yours faithfully,



Tom Kennedy

Memorandum



Maffeis Engineering Pty
Ltd
Suite 82, 26-32 Pirrama Road
Pyrmont, NSW Australia 2009

TO: Mr Tom Sloane, Infrastructure NSW (iNSW)

DATE: 21st February 2020

CC: Mr Stephen Morley, Maffeis Engineering
Mr Chris Paterson, Populous Architects

FROM: Robert Koch, Maffeis Engineering

OUR REF: POP-014-M03-A

SUBJECT: Stadium Australia Redevelopment
Civil Works-Stormwater Drainage Report – ADDENDUM 1

Dear Mr Sloane

Please find attached the Addendum 1 of the Civil Works-Stormwater Drainage Report.

This Addendum is provided to correctly state the characteristics of the stormwater drainage design for the Stadium Australia Redevelopment project.

The Aurecon Report is noted as being in error in its statements and we therefore correct.

Yours sincerely

Robert Koch

Delivery Director
Maffeis Engineering

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Email: R.Koch@Maffeis.it

Memorandum



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Suite 82, 26-32 Pirrama Road
Pyrmont, NSW Australia 2009

Stadium Australia Redevelopment (SAR)

Civil Works-Stormwater Drainage Report – ADDENDUM 1

The stormwater design for Stadium Australia is currently being further developed by Maffeis Engineering Pty Ltd, Civil Engineering consultants for this project.

Key points to note for the stormwater drainage assessment include the following:

- The stormwater detention basins provided in the design cater for 100% of the volume of the stormwater detention required.
- The field of play is not designed to be flooded during the required storm events.
- The Maffeis Engineering design will maintain stormwater detention under the North & South Stands and, further, provides increased detention volume.
- The submitted 'Civil Works-Stormwater Drainage Layout' drawing SAR-SD-20-0100-02 identifies stormwater detention basin locations and required storage volumes to meet the design stormwater detention requirement.
- The maximum discharge rate from the site following completion of the works is unchanged from what is currently the discharge rate including for the 100 year ARI event.

The Addendum highlights that the Aurecon 'Stormwater Management Plan' dated 16th August 2019 (Aurecon reference 255576), in regards to the submitted design, is in error when it states in its

Section 3.1

- *'...the stadium's stormwater drainage under the northern and southern stands where it is envisaged that the existing under-stand drainage system will be removed and replaced with a new in-ground network...*
- *'...On-site detention will no longer be provided under the stands for major storm event but would rather temporary overflow on to the field before draining out...'*

