

# Minutes of Sydney Football Stadium Design Integrity Panel Presentation 01

24 April 2020

## Sydney Football Stadium Redevelopment Design Integrity Panel Presentation

Minutes of the Post Tender Design Presentation held on Friday 24 April 2020 via Microsoft Teams.

Present	Entity	Invited Attendees
Peter Poulet (PP)	Chair, DIP	Peter Hynd (PH) – INSW
Tom Gellibrand (TG)	DIP Member	Jodie Duggan (JD) - INSW
Kim Crestani (KC)	DIP Member	Russell Lee (RL) – Cox Architecture
		Jessica Hodge (JH) – Aspect Studios
		Kit Bullas (KB) – Aspect Studios
		Wayne Hutchinson (WH) - John Holland

### Apologies

John Perry (JP)	DIP Member
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## Opening Remarks

Meeting opened at 9:04am.

RL provided an overview of the intent of the presentation to provide an overview of changes that have been implemented to the public domain, roof and façade since the previous review conducted by the Design Integrity Panel (DIP).

## 1. Design Integrity Panel Presentation

RL provided a summary of design changes, noting that key elements of design have been maintained from the Design Competition scheme.

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JH provided an overview of changes to the public domain, noting that original design principles have been maintained throughout the development of the public domain:

- JH provided an overview of the material pallet of the public domain, which has been refined to ensure unification of the stadium structure and public domain. JH noted that this has rationalised the brick and pre-cast concrete elements.
- JH provided an overview of the Driver Avenue entry walls. The entry walls are proposed at a 15-degree incline to achieve a more inviting finish. Significant tree planting is proposed in this area.
- JH provided an overview of changes to the ground plane. These changes were made to improve unification of the public domain and stadium, increase durability of the proposed materials, and to maximise buildability and cost efficiency. JH confirmed that the design intent of the ground plane remains unchanged. JH provided an overview of the proposed interlocking paving system to be arranged in a mottled design, consisting of three tonal variations. Key stadium entry points will be identified with warmer tones.
- JH provided an overview of changes to precinct furniture. These changes have been made to achieve simplification, improve buildability, maximise cost efficiency and respond to revised security advice (i.e. furniture is no longer required to serve as hostile vehicle mitigation along the full length of the Moore Park Road frontage).
- JH provided an overview of the sports and community precinct to be located at Busby's Bore corner. JH noted that the concept for Busby's Bore corner has been refined in response to the rationalisation of its use and required functionality of the spaces but maintains the original design intent. JH noted that emergency egress requirements have influenced the design of this area. JH noted that the area must create flexibility in its use and intends to be bright and colourful to create a point of difference from the stadium.

The DIP provided feedback on the public domain:

- TG noted that the approach to the paving pattern is good, and provides for good cognition for users to identify key entries and other points of interest.
- TG and KC agreed that the 15 degree 'lean back' of the Driver Avenue entry walls is an improved design feature and is effective in softening the main frontage and creating a ceremonial entry.
- KC noted that the rationale for modular paving is understood, but the design team should carefully consider rationalising and simplifying the paver mix as this could become over-complicated. KC noted the requirement to counter glare (created by proposed mix C) versus a more rationalised (less mottled) sub-set. PP agreed with the recommendation made by KC to rationalise paving and maintain simplicity.
- KC noted that the design team should look at litter management options. JH/RL noted that the security assessment and Sydney Cricket and Sports Ground Trust (SCSGT) desire is to omit all bins in the public domain with the site being cleaned on event days to manage for litter drop in the public domain and within the stadium.

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- KC and PP noted that DIP review of the wayfinding/signage strategy would be beneficial, when available, in particularly to review the scale/rationale of the pylon signs and other wayfinding elements to ensure they do not detract from the public domain.
  - PP noted that the importance of ensuring that the modular pre-cast seating forms are not too complicated, that they are functional, and do not create sharp (or dangerous) edges.
  - TG noted the requirement to check the potential for patrons to take 'ant trails' across soft landscaping areas to meeting and seating points in major events.

RL provided an overview of the roof grid:

- RL noted that no material changes to the roof grid have been made since the Stage 2 SSDA scheme. Minor improvements have been made by rationalising the roof grid, which has created a more consistent geometry to the roof quadrants.
- RL provided an overview of changes to the structural grid, which has changed from 7.65m spacing (generated in the preliminary design to accommodate a typical seating arrangement and allowing for conventional construction) to 11.475m spacing. RL noted that the structural grid at the corners of the structure remain unchanged.
- RL provided an overview of changes to the proposed louvred screen located at the leading edge of the roof to allow for ventilation and access, which has been changed to a fabric screen solution.

RL provided an overview of the façade:

- RL noted that an alternative curtain wall system was developed with input from JP during the preliminary design, but this has reverted to a curtain wall solution. RL provided an overview of the proposed curtain wall solution.
- RL provided an overview of the façade louvre system, which will provide shade for the façade.
- RL noted that the appearance of the façade remains largely unchanged, despite the changes to the structural grid.
- RL provided an overview of the façade bronze panelling. RL provided an overview of the proposed alternative aluminium powder coating solution in lieu of the previously proposed anodised aluminium finish. The design team will test two different options for the powder coat, these being a darker and a lighter option, and will return to the DIP with a recommendation for the preferred colour following prototype assessment. RL provided an overview of implementation of aluminium powder coat panelling in Parramatta Square which has a similar finish and treatment to that proposed.
- RL provided an overview of the glazed atrium entrance, noting that the four columns previously proposed to support the atrium glazing has been rationalised to three columns as a result of the grid change.

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- RL provided an overview of the mezzanine floor structure, which was initially proposed to be located above the main concourse on the east and west, but has now been extended to the north and south, and over the south west entry. The design team is proposing to set the floor slab back and step in the façade line.
  - RL provided an overview of the podium precast panels. The design team is exploring panel shape, colour, and the use of different textures throughout the panels.

The DIP provided feedback on the roof and façade:

- PP and KC noted that the revised mezzanine solution is preferred and is a good design outcome.
- PP suggested that the design team consider whether the pre-cast used in the stadium podium façade could be used in the public domain. TG agreed that this solution should be explored. JH noted that durability and other requirements of paving will drive the final selection, but feasibility of this solution will be tested with samples and prototyping.
- PP noted that the powder-coat finish implemented at Parramatta Square is effective. PP suggested that the darker powder coat finish may be preferred to manage glare, but noted that the prototype will clarify this. TG agreed that a darker colour palette for the façade cladding may be preferred. KC agreed that the facade at Parramatta Square works well, and suggested that the SFSR design team contact the Parramatta Square design team to discuss lessons learned.
- PP and TG agreed that the revised structural grid appears to work well and the transition to the roof is well managed.
- KC noted that the revised atrium is improved from the former design but suggested that the design team confirm the maintainability (cleaning) of the large number of horizontal elements.
- KC suggested that the design team consider opportunities to align geometries of paving and facade when samples are available, which could create an additional layer of texture if achievable.
- PP queried rainwater harvesting and photovoltaic (PV) array. It was noted that both solutions are in progress.

PH noted that the DIP will be invited to see the stadium prototype once developed.

The DIP noted that it is very confident in the direction that the design development is progressing and confirmed its support for the design as presented including the refinements which enhance the overall composition of the public domain and stadium architecture.

Meeting closed at 10:24am



**From:** [REDACTED]  
**To:** [REDACTED]  
**Subject:** Re: FW: SFSR DIP meeting - Draft Minutes  
**Date:** Tuesday, 28 April 2020 5:40:36 PM  
**Attachments:** [image001.png](#)  
[image003.png](#)

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Hi Jodie,  
Sorry didn't see the missed call.  
No, I am OK with the minutes as well, nothing to add.  
regards  
John

On Tue, 28 Apr 2020 at 17:30, Jodie Duggan <[REDACTED]> wrote:

Hi John,

I hope you had a nice weekend.

I had left a voicemail on your mobile earlier today to check whether you had any comments or amendments to add to the DIP meeting minutes Did you have anything you would like added or amended before we issue the minutes to the Design Team?

Thanks John,

Jodie

**Jodie Duggan**

**Project Manager**

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**we are insw** Infrastructure  
New South Wales



*I acknowledge and pay my respects to the traditional owners and custodians on whose land I walk, work and live*

**From:** [REDACTED]  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: SFSR DIP meeting - Draft Minutes  
**Date:** Monday, 27 April 2020 12:45:13 PM  
**Attachments:** [image001.png](#)

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Cheers Jodie,  
I am happy with the minutes also.  
Regards,  
Peter

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**From:** Kim Crestani [REDACTED] >  
**Sent:** Monday, 27 April 2020 10:05 AM  
**To:** Jodie Duggan [REDACTED]  
**Cc:** Tom Gellibrand <[REDACTED]>; Peter Poulet <[REDACTED]>; John Perry [REDACTED]; Peter Hynd [REDACTED]  
**Subject:** Re: SFSR DIP meeting - Draft Minutes

Hi Jodie and all,

I agree with the well crafted minutes and have no changes.

Thanks

KIM CRESTANI  
Director  
Nominated Architect ARB 4630

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

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On 24 Apr 2020, at 6:56 pm, Jodie Duggan <[REDACTED]> wrote:

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**From:** [REDACTED]  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: SFSR DIP meeting - Draft Minutes  
**Date:** Saturday, 25 April 2020 9:09:36 PM  
**Attachments:** [image002.png](#)

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Hi Jodie – happy with the Minutes. No changes from me.

Thanks Tom G

**Tom Gellibrand**  
**Head of Projects NSW**

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**A/Executive Assistant** [REDACTED]

I pay respect and acknowledge Aboriginal and Torres Strait Islander people as the traditional owners of the land on which I work and live and pay respects to Elders past, present and future.

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**From:** Jodie Duggan <[REDACTED]>  
**Sent:** Friday, 24 April 2020 6:57 PM  
**To:** Tom Gellibrand [REDACTED]; Kim Crestani [REDACTED]; Peter Poulet [REDACTED]; John Perry [REDACTED]  
**Cc:** Peter Hynd [REDACTED]  
**Subject:** SFSR DIP meeting - Draft Minutes

Dear DIP members

Please find attached draft minutes from the Design Integrity Panel meeting held earlier today. Please advise any errors, omissions or general comments (in tracked changes preferably), which we will consolidate before issuing to the design team.

Have a great weekend,  
Jodie

**Jodie Duggan**  
**Project Manager**

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