

Minutes of Sydney Football Stadium Design Integrity Panel Presentation 02

31 August 2020

Sydney Football Stadium Redevelopment Design Integrity Panel Presentation

Minutes of the Post Tender Design Presentation held on Monday 31 August 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	Wayne Hutchinson (WH) - John Holland
John Perry (JP)	DIP Member	Russell Lee (RL) – Cox Architecture
		Alex York (AY) – Cox Architecture
		Stuart Harper (SH) – Cox Architecture
		Kit Bullas (KB) – Aspect Studios
		Greg Waddington (GW) – Aspect Studios
		Ian Rooney (IR) – Aspect Studios

Apologies

Nil

Opening Remarks

Meeting opened at 2:02pm.

1. Design Integrity Panel Presentation

KB provided an overview of key changes made to the public domain since the previous Design Integrity Panel (DIP) meeting held on 24 April 2020, including:

- Refinement of the ground plane materiality – paving selection considers unification of the public domain and stadium building, constructability, durability and Project Brief compliance

(including vehicle circulation requirements around the public domain). Paving selection has been updated with warmer colours (beige/neutrals) and to consider solar glare. Paving will be applied in three mixes to indicate public domain zones (stadium entry points, transition spaces and minor concourse spaces).

- South West and North East Site entry walls – entry walls continue to reinforce existing gateways within the precinct. Materiality selection intends to create interest, texture and pattern through mottling. GW provided an overview of anti-skate measures to be applied to the entry walls.
- Updated and simplified furniture pallet – furniture pallet has been refined to consider buildability, cost efficiency and security (locations remain unchanged). KB provided an overview of seating option, including anti-skate measures.
- Fixture selection – updated to consider functionality, buildability and security. Includes modular balustrades, reinstatement of seven bronze sculptures from the former stadium, and a lighting solution that references the Sydney Cricket Ground (SCG) and minimises clutter (double head lights), whilst ensuring appropriate scale.
- Rationalisation of the sports and community precinct (Busby's Corner) - considers functionality (including pedestrian egress and grading) and original design intent (bright and colourful, useful for a range of ages, sports features with dual use, including robust timber fitness equipment, basketball tree).
- Tree planting – A 1:3 tree planting ratio has been applied (i.e. for every tree removed, three will be planted in its place). KB provided an overview of the tree selection (largely native and evergreen species). Tree locations have changed slightly following resolution of detailed design, including the provision of services, available soil depths, and wind mitigation. An additional four trees are proposed from the approved scheme.

The DIP provided feedback regarding the public domain:

- PP queried the size of trees to be installed. KB confirmed trees will range of sizes from 400L up to 1,000L for the figs, with larger trees typically installed in paved areas.
- The DIP noted its support for the tree species selection, and noted the increase in total number of trees to be planted (from 117 to 121).
- The DIP noted its support for the paving changes including the herringbone pattern, which will provide a more resolved solution for the different geometry of the site and will mark key nodes well.
- PP and KC queried the depth and detail of the pre-cast brick-faced units for the site entry walls. GW confirmed that the supplier (Bowral Bricks) has a 'Panel Brick' system that will deliver a quality finish. PP, KC and JP noted that it appears to be a good system and movement joints/centres will work.
- TG queried the vertical lay of bricks and the raking top of the site entry walls. GW noted that the proposed approach is in response to the 15 degree recline at the capping. JP noted that this approach is a typical response to the raking and capping. PP and KC noted that

the geometries are interesting and the design provides a strong contemporary response for use of a traditional material.

- PP queried whether aggregates in the pre-cast furniture elements will relate to the paving/pre-cast to stadium. KB confirmed that the proposed aggregates will be similar.
- KC noted that the proposed orange furniture colour will potentially work better than the yellow. KB noted that the final colour selection will draw on lessons-learnt from previous projects such as the Ultimo Goods Line (as discussed).
- KC queried whether the material selection for seating will be hardwood or composite plastic faux timber. KB confirmed that hardwood will be pursued as it does not heat up in hot weather. KB noted that the maintenance specification will include detail for hardwood care.
- TG queried whether the timber deck under the fig tree is functional for passive recreation. KB noted that the timber deck serves primarily as a cantilever and root protection function and would also allow for passive resting.
- PP noted that previous DIP comments have been addressed as the hard edges have been resolved on pre-cast seating elements by the inclusion of the chamfered edge.
- TG queried access to the terrace stair seating. KB confirmed that access is achievable from each corresponding stair landing.
- TG queried if differential staining to the terrace stair from the steel edging will be an issue. KB noted that the metal finish should not stain (not corten).
- KC queried whether a balustrade will be required to the terrace stairs. KB confirmed that the latest advice provided by the access consultant is that balustrades are not required at this location, as they are destination stairs. This will be reviewed and confirmed again in final design with the access consultant.
- KC queried bin locations in the public domain. KB confirmed that current advice from the Sydney Cricket and Sports Ground Trust (SCSGT) is not to include bins for security reasons (i.e. a drop and pick up operational strategy will be implemented).
- PP noted that the backdrop for sculptures is important for photo taking. KB presented the proposed backgrounds and provided an overview of the rationale for each location. The DIP noted that considerable thought had gone into the locations selected.
- TG noted that the sports and community precinct will be well used. TG queried whether the basketball tree will work and provide the best amenity for the space. KB to review and confirm locations where a basketball tree has been successfully implemented.
- The DIP confirmed that the design is progressing well and that it is supportive of the direction of the public domain design which is well resolved and coordinated.

IR provided an overview of the external wayfinding and signage strategy in the public domain:

- The signage solution has been rationalised to achieve a more coherent and simplistic solution. IR provided an overview of locations and typology for signage within the public domain.

-
- PP noted the effort to consolidate signage, but noted that there still appears to be a large volume of signage which may result in visual clutter.
 - PP queried whether the digital LED sign proposes to include advertising material, which would be very busy. IR noted that the content is expected to be event driven, and not expected to be advertising.
 - KC noted that there appears the sign typologies have good proportions and scale.

RL provided an overview of key design developments made to the facade since the previous Design Integrity Panel (DIP) meeting held on 24 April 2020 which include:

- Relocation of the photovoltaic (PV) array from the stadium roof to Level 5 plant room roofs due to access and other constraints in the roof design. This change is not visible from ground level.
- Rationalisation of the facade following coordination with the services engineers.
- Updates to the façade at the south west entry stair including the mezzanine extension into the atrium.
- North West entrance – a small change to the façade has been made in response to the Sports Bar design and swapping of the merchandise store with the ticket office, resulting in a minor change to the glazing and precast interface.
- Finalisation of the façade precast panel finish.
- Pop top roof – discreet change that cannot be seen from ground level.
- Goods lift extended to Level 5 for maintenance purposes. The lift extension cannot be seen from ground level
- Resolution of the roof access/maintenance walkway.
- Implementation of the aluminium powder coat façade bronze panelling.
- Extension to the Level 5 plant screen (5m extension). RL noted that this change is visible from the public realm.
- RL noted that the material palette has remained consistent with the Stage 2 SSSA scheme, except for the aluminium powder coat façade panelling, as discussed at the previous DIP meeting.
- RL provided an overview of the exterior finishes sample board. Mid tier raker steel is proposed to be coated in a bright shade of blue.

The DIP provided feedback on the presentation:

- PP and KC noted that the façade precast solution, including the removal of the chevrons, is an improved design outcome but the 'weight' of the panel joint to the ground plane should be explored, particularly at key nodes to keep the finer grain rhythm of the openings.

-
- JP noted that the resolution of levels in the ground plane was better in the previous version of the openings (i.e. smoother gradients), but noted that as additional constraints have been introduced, this has prevented retaining the smooth transitions from the previous design. JP noted the rationale for the change and that this solution has been extensively explored by the design team.
 - PP and KC queried whether the PV arrays will meet the sustainability requirements in the proposed alternative location. RL and WH confirmed that the project will achieve a LEED Gold rating for sustainability with the proposed solution as further operational energy efficiencies have also been achieved in the systems design which have reduced the overall operational energy demand.
 - KC queried the naming rights signage. RL noted that it is specified in the planning approval and will require final approval by the Secretary of the Department of Planning, Industry and Environment.
 - KC queried whether the proposed shade of blue for the rakers is appropriate and whether a lighter neutral shade should be tested.

Meeting closed at 4:58pm

From: [REDACTED]
To: [REDACTED]
Subject: Re: SFSR DIP Presentation 31/8 - Draft Minutes
Date: Friday, 4 September 2020 9:52:33 AM
Attachments: [image002.png](#)

Hi Jodie,
Happy with the minutes, thank you.
regards
John

On Thu, 3 Sep 2020 at 11:23, Jodie Duggan [REDACTED] >
wrote:

Good morning DIP members,

Please find attached draft minutes from the Design Integrity Panel meeting held on Monday 31/8. Please advise any errors, omissions or general comments (in tracked changes preferably), which we will consolidate before issuing to the design team.

Kind regards,

Jodie

Jodie Duggan

Project Manager

P [REDACTED]
[REDACTED] | www.insw.com
Level 27, 201 Kent St, Sydney NSW 2000

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: Jodie Duggan
Sent: Friday, 28 August 2020 3:58 PM
To: 'John Perry' [REDACTED] 'Peter Poulet'

From: [REDACTED]
Cc: [REDACTED]
Subject: Re: SFSR DIP Presentation 31/8 - Draft Minutes
Date: Thursday, 3 September 2020 1:41:27 PM
Attachments: [QA0001_Logo_FA-02.png](#)

Hi Jodie, Thank you for the minutes. No changes from me.

KIM CRESTANI
Director
Nominated Architect ARB 4630

[REDACTED]

[REDACTED]

orderarchitects.com



On 3 Sep 2020, at 11:22 am, Jodie Duggan
<[REDACTED]> wrote:

Good morning DIP members,

Please find attached draft minutes from the Design Integrity Panel meeting held on Monday 31/8. Please advise any errors, omissions or general comments (in tracked changes preferably), which we will consolidate before issuing to the design team.

Kind regards,
Jodie

Jodie Duggan
Project Manager

P [REDACTED] | www.insw.com
Level 27, 201 Kent St, Sydney NSW 2000
<image001.gif>

<image002.png> I acknowledge and pay my respects to the traditional owners and custodians on whose land I walk, work and live

From: Jodie Duggan
Sent: Friday, 28 August 2020 3:58 PM

From: [Redacted]
To: [Redacted]
Cc: [Redacted]
Subject: Re: SFSR DIP Presentation 31/8 - Draft Minutes
Date: Thursday, 3 September 2020 7:32:45 PM
Attachments: [image003.png](#)
[image004.png](#)

Thanks Jodie,
Excellent work. No amendments from me.
Regards,
Peter

Peter Poulet
Central City District & South District Commissioner
[Redacted]

EA: Despina Hasapis
[Redacted]

From: Tom Gellibrand <[Redacted]>
Sent: Thursday, September 3, 2020 2:08:40 PM
To: Jodie Duggan <Jodie.Duggan@infrastructure.nsw.gov.au>; John Perry <[Redacted]>; Peter Poulet <[Redacted]>; Peter Poulet <[Redacted]>
Kim Crestani <[Redacted]>
Cc: Peter Hynd <[Redacted]>; Zeinab Farhat <[Redacted]>
Subject: RE: SFSR DIP Presentation 31/8 - Draft Minutes

Hi Jodie

I think your comprehensive minutes accurately reflect the discussions, observations made, and related actions.

I find the minutes to be a very useful record, and I expect they will also be a useful input to the finalisation of the JH designs.

Thanks Tom G

Tom Gellibrand
Head of Projects NSW

P [Redacted] | www.insw.com
Level 27, 201 Kent Street, Sydney NSW 2000



A/Executive Assistant [Redacted]

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

From: Jodie Duggan <[REDACTED]>
Sent: Thursday, 3 September 2020 11:23 AM
To: John Perry <[REDACTED]>; Peter Poulet <[REDACTED]> Peter Poulet <[REDACTED]>; Kim Crestani <[REDACTED]>; Tom Gellibrand <[REDACTED]>
Cc: Peter Hynd <[REDACTED]>; Zeinab Farhat <[REDACTED]>
Subject: SFSR DIP Presentation 31/8 - Draft Minutes

Good morning DIP members,


Please find attached draft minutes from the Design Integrity Panel meeting held on Monday 31/8. Please advise any errors, omissions or general comments (in tracked changes preferably), which we will consolidate before issuing to the design team.

Kind regards,
Jodie

Jodie Duggan
Project Manager

P [REDACTED]
[REDACTED] | www.insw.com
Level 27, 201 Kent St, Sydney NSW 2000

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: Jodie Duggan
Sent: Friday, 28 August 2020 3:58 PM
To: 'John Perry' <[REDACTED]>; 'Peter Poulet' <[REDACTED]>; 'Peter Poulet' <[REDACTED]>; 'Kim Crestani' <[REDACTED]>; Tom Gellibrand <[REDACTED]>
Cc: Peter Hynd <[REDACTED]>; Zeinab Farhat <[REDACTED]>
Subject: SFSR DIP Presentation - 31 August 2020

Good afternoon DIP Members,

In preparation for the Design Integrity Panel Meeting scheduled for Monday 31 August at 2pm, please see below link to access the presentation to be made at the meeting:

You can view "DIP - August-COX.pdf" at: <https://documentcloud.adobe.com/link/track?uri=urn:aaid:scds:US:c1392002-2dc1-4f9a-b7cc-2122d21ddc10>