

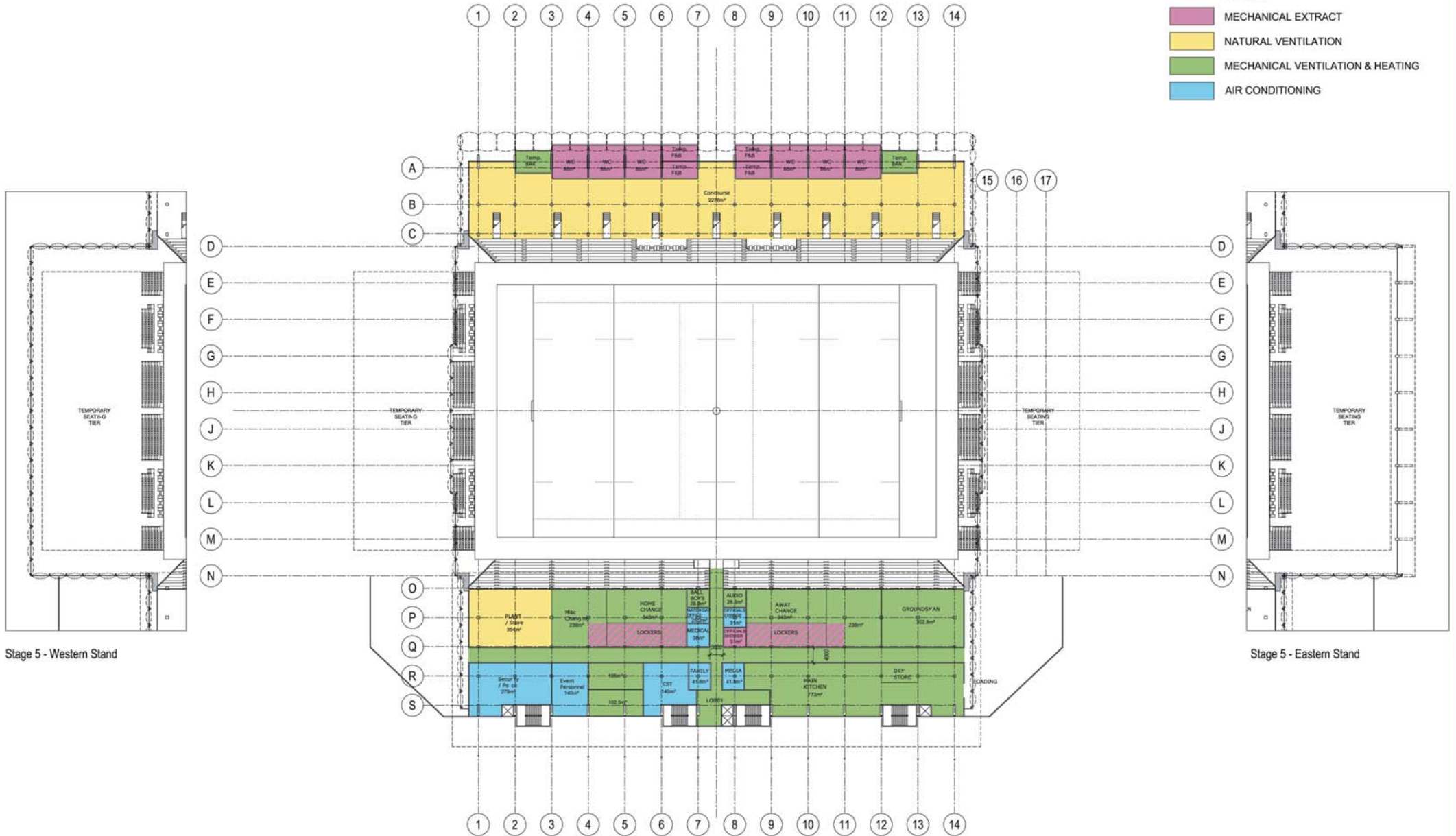
## 5.0 Development of the Awatea Street Site -Services Drawings

MSK 01 Mechanical Zones, Floor Plan, Level 1  
MSK 02 Mechanical Zones, Floor Plan, Level 2  
MSK 03 Mechanical Zones, Floor Plan, Level 3  
MSK 04 Mechanical Zones, Floor Plan, Level 4  
MSK 05 Mechanical Zones, Floor Plan, Level 5



LEGEND

- MECHANICAL EXTRACT
- NATURAL VENTILATION
- MECHANICAL VENTILATION & HEATING
- AIR CONDITIONING



Stage 5 - Western Stand

Stage 5 - Eastern Stand

CONCEPT DESIGN  
NOT FOR CONSTRUCTION

Project No.	30852
Scale	1:500 @ A1 1:1000 @ A3
Sheet Size	A1
Drawing No.	MSK 01
Rev.	01

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**CARISBROOK STADIUM TRUST**

Project:  
**DUNEDIN MULTI-PURPOSE STADIUM**  
AWATEA STREET DUNEDIN

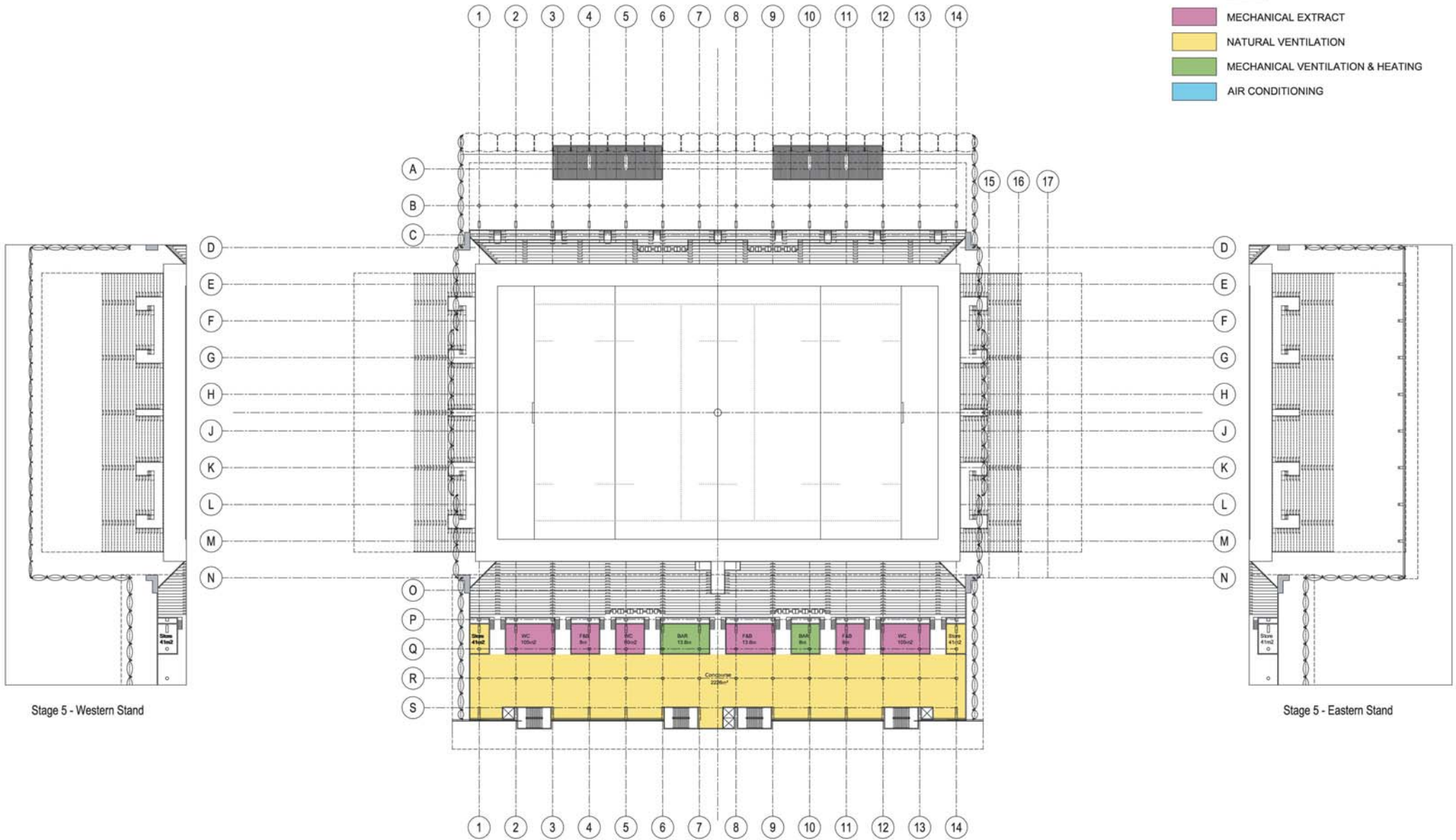
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JL		
Designed	Signed	Date
DP		
Verified	Signed	Date
Approved	Signed	Date
AJM		

Drawing Title:  
**LEVEL 1 FLOOR PLAN MECHANICAL ZONES**

01	23.10.07	CONCEPT DESIGN	JL		
Rev.	Date	Revision Details	Drn	Ver.	App.

**LEGEND**

- MECHANICAL EXTRACT
- NATURAL VENTILATION
- MECHANICAL VENTILATION & HEATING
- AIR CONDITIONING



Stage 5 - Western Stand

Stage 5 - Eastern Stand

Rev	Date	Revision Details	Drn	Ver	App
01	23.10.07	CONCEPT DESIGN	JL		

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Designed	Signed	Date
DP		
Verified	Signed	Date
AJM		
Approved	Signed	Date
AJM		

Drawing Title: **LEVEL 2 FLOOR PLAN MECHANICAL ZONES**

**CONCEPT DESIGN  
 NOT FOR CONSTRUCTION**

Project No. **30852**

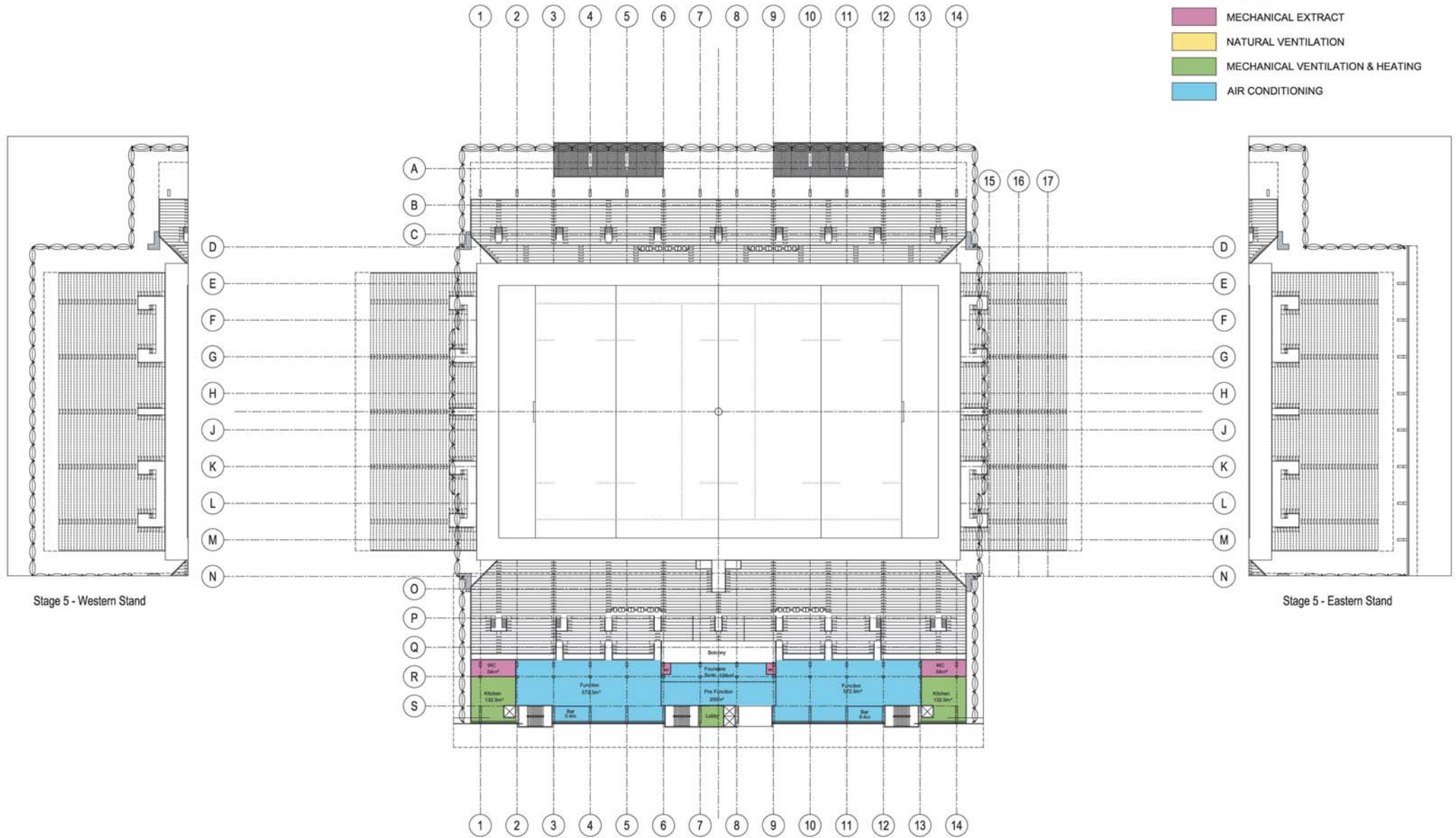
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Sheet Size **A1**

Drawing No. **MSK 02** Rev. **01**

**LEGEND**

- MECHANICAL EXTRACT
- NATURAL VENTILATION
- MECHANICAL VENTILATION & HEATING
- AIR CONDITIONING



Stage 5 - Western Stand

Stage 5 - Eastern Stand

Rev	Date	Revision Details	Drn	Ver.	App.
01	23.10.07	CONCEPT DESIGN	JL		

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**DUNEDIN MULTI-PURPOSE STADIUM**  
 AWATEA STREET DUNEDIN

Drawn: JL, Signed, Date  
 Designed: OP, Signed, Date  
 Verified: Signed, Date  
 Approved: A.J.M., Signed, Date

Drawing Title:  
**LEVEL 3 FLOOR PLAN MECHANICAL ZONES**

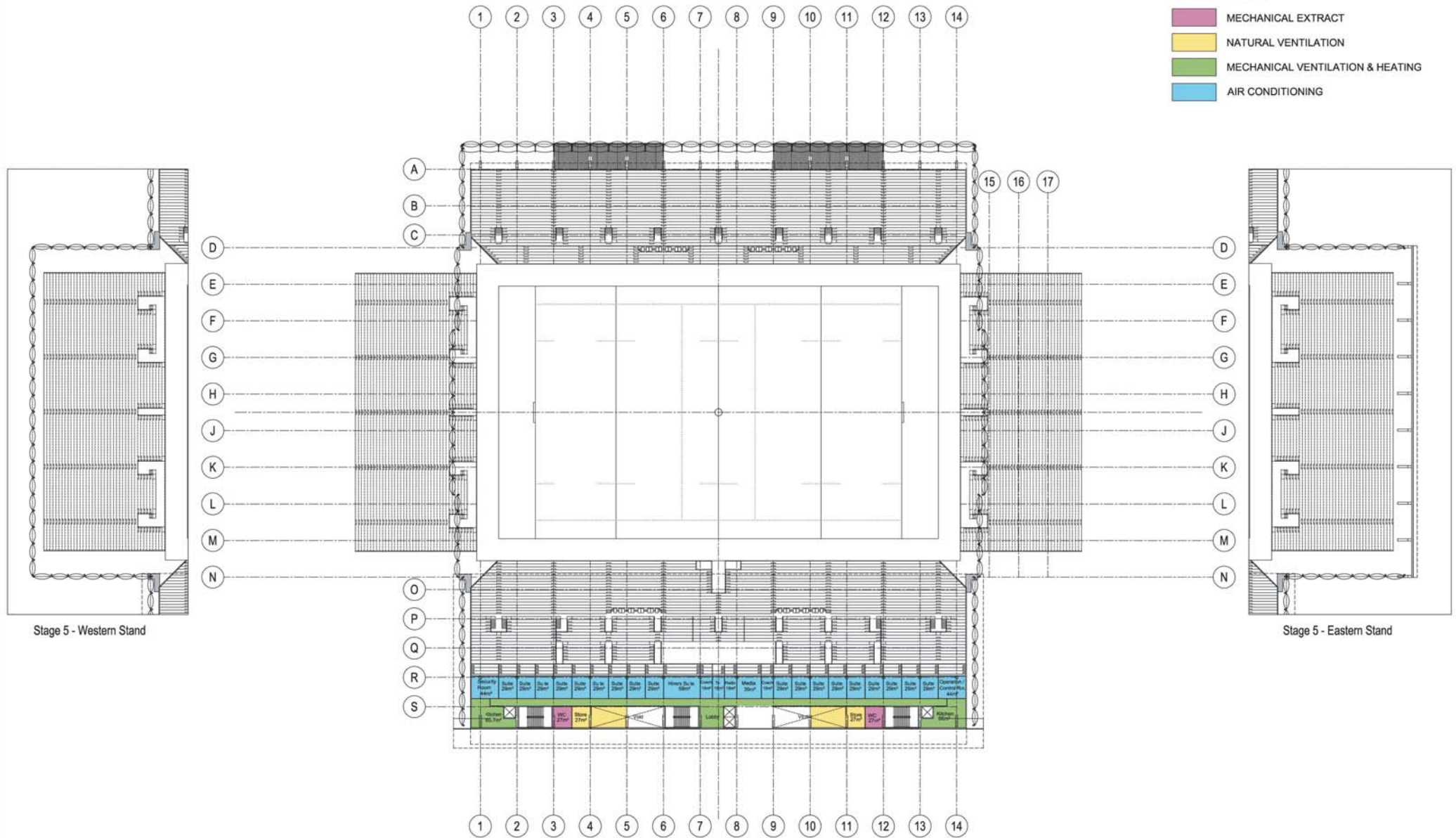
**CONCEPT DESIGN NOT FOR CONSTRUCTION**

Project No. **30852**  
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 Drawing No. **MSK\_03**  
 Sheet Size **A1**  
 Rev. **01**

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**LEGEND**

- MECHANICAL EXTRACT
- NATURAL VENTILATION
- MECHANICAL VENTILATION & HEATING
- AIR CONDITIONING



01	23.10.07	CONCEPT DESIGN	JL		
Rev	Date	Revision Details	Drn	Ver.	App.

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JL		
Designed	Signed	Date
OP		
Verified	Signed	Date
Approved	Signed	Date
AJM		

Drawing Title:

**LEVEL 4 FLOOR PLAN MECHANICAL ZONES**

**CONCEPT DESIGN NOT FOR CONSTRUCTION**

Project No. **30852**

Scale: 1500 @ A1, 1:1000 @ A3

Sheet Size **A1**

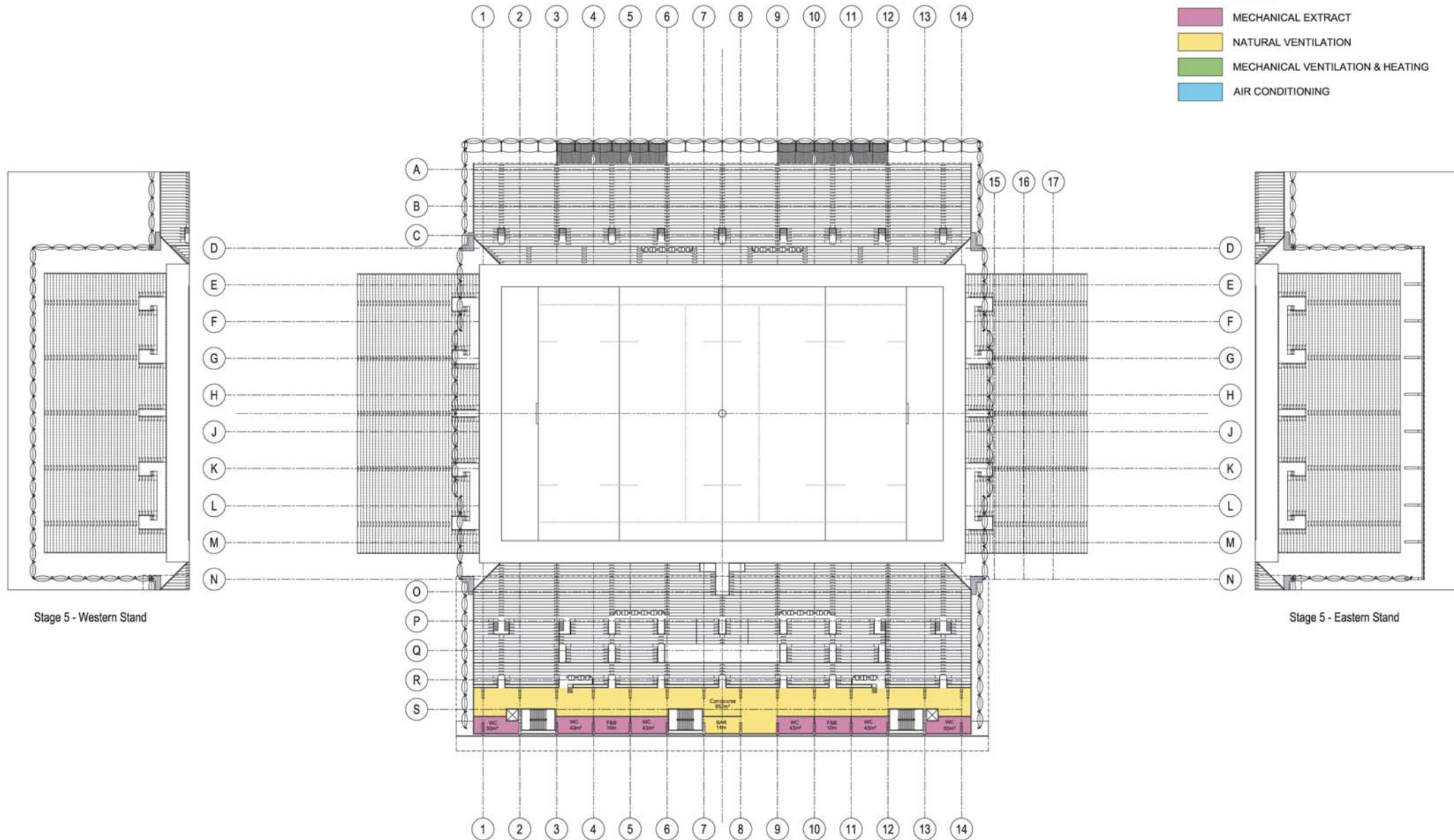
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Rev. **01**

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LEGEND

- MECHANICAL EXTRACT
- NATURAL VENTILATION
- MECHANICAL VENTILATION & HEATING
- AIR CONDITIONING



Stage 5 - Western Stand

Stage 5 - Eastern Stand

01	23.10.07	CONCEPT DESIGN	JL		
Rev	Date	Revision Details	Drn	Ver	App

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Drawn	Signed	Date
JL		
Designed	Signed	Date
OP		
Verified	Signed	Date
Approved	Signed	Date
AJM		

Drawing Title:  
**LEVEL 5 FLOOR PLAN MECHANICAL ZONES**

**CONCEPT DESIGN NOT FOR CONSTRUCTION**

Project No.	30852
Scale	1:500 @ A1 1:1000 @ A3
Sheet Size	A1
Drawing No.	MSK_05
Rev.	01



## 6.0 Recommendations

The project delivery team recommend the following:

1. To continue with design and proceed into the preliminary design phase to be completed before the end of the year.
2. To proceed with the Stadium design ahead of the University confirmed design requirements and or any other separate user groups.
3. Confirmation of the roof design options presented.
4. Confirmation that the development options/stages 01 to 05 reflect the CST's progressive approach to the overall project.
5. Confirmation that the retrofitability of the roof is critical.



## 7.0 Disclaimer

This report and associated supporting requirements have been prepared for the Carisbrook Stadium Trust to assess the feasibility of a number of stadium options.

We reserve the right, but not the obligation, to review all conclusions or calculations included or referred to in our analysis and, if we consider it necessary, to revise the report in the light of any information existing at the date of publication which becomes known to us after publication.

In preparing the report we have relied upon and assumed, without independent verifications, the accuracy and completeness of all information that is available from public sources and all information that was furnished to us by other sources.

We have evaluated that information through analysis, enquiry and examination for the purposes of preparing the report. However, we have not verified the accuracy or completeness of any such information. We have not carried out any form of due diligence or audit on such information. We do not warrant that our enquiries have identified or revealed any matter, which an audit, due diligence review or extensive examination might disclose.

The report has been prepared by Arrow International and the consultant team with care and diligence and the statements and conclusions in the report are given in good faith and in the belief, on reasonable grounds, that such statements and conclusions are not false or misleading. However, in no way do we guarantee or otherwise warrant that any forecasts, cash flows or the financial position of the Carisbrook Stadium Trust, its funders or its development partners will be achieved. Forecasts are inherently uncertain. They are predictions of future events that cannot be assured. They are based upon assumptions, many of which are beyond the control of the Carisbrook Stadium Trust. Actual outcomes will vary from the forecasts and these variations may be significantly more or less favourable.

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