







Function

The new centre supports close to 300 athletes across 28 sports in 14 dedicated programs. It incorporates a strength and conditioning gym, warm and cold water recovery pools, multipurpose sports testing area, indoor mechanical incline runway and pole vault testing area, sports physiology laboratories including an environmental chamber, indoor sports hall and office accommodation. The space planning optimises visual and physical connectivity.





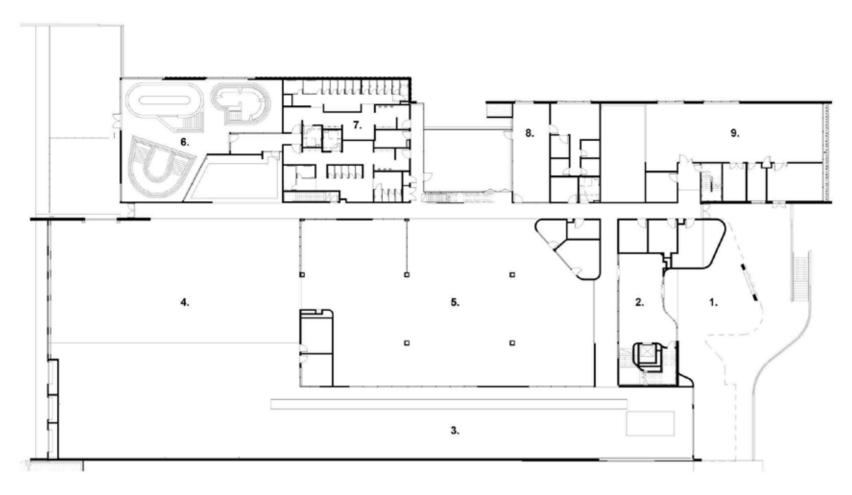




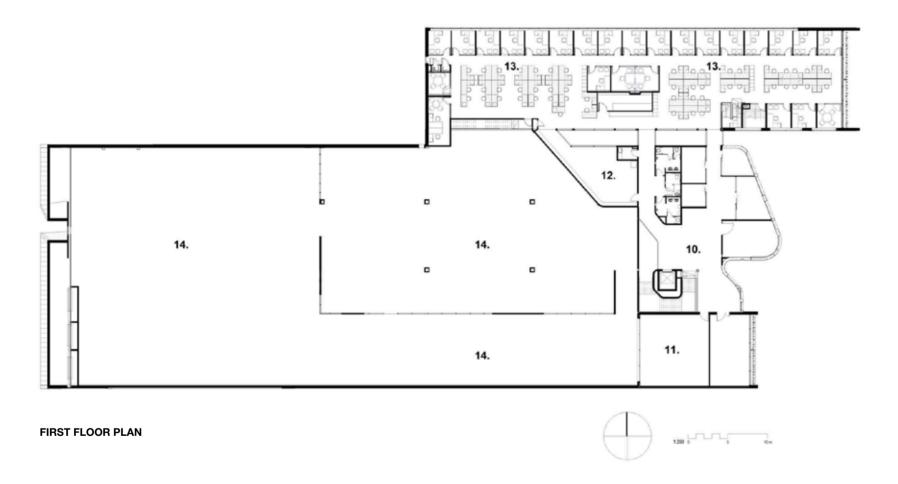








GROUND FLOOR PLAN



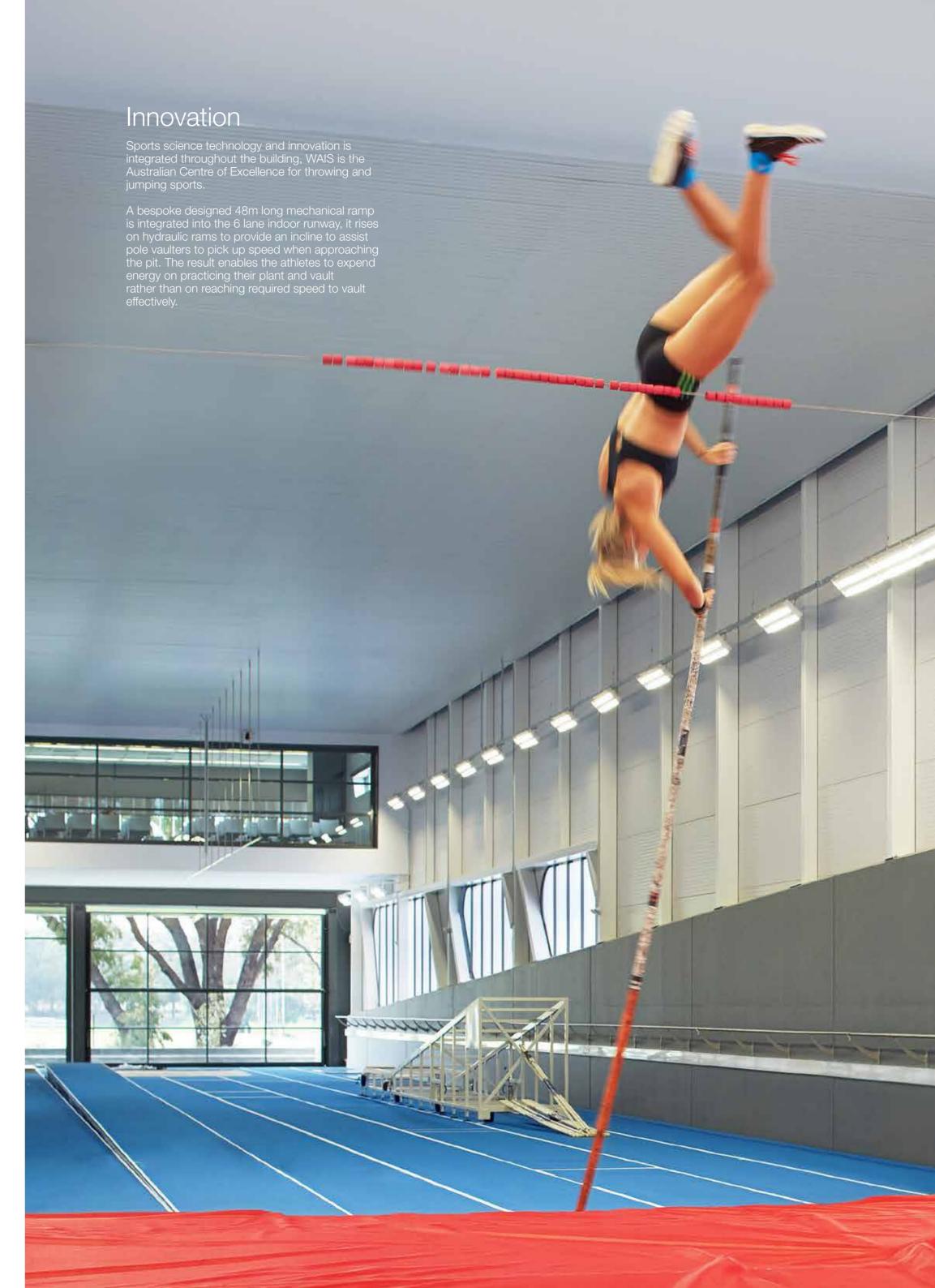
Planning

Strategically planned extra space around each exercise station allows plenty of room to move for disabled athletes, which will result in a record number of 17 Paralympians making the trip to represent Australia in Rio 2016.

The 'altitude hotel' allows athletes to sleep and live in a simulated altitude environment; where heat, humidity and altitude can be independently controlled.

LEGEND

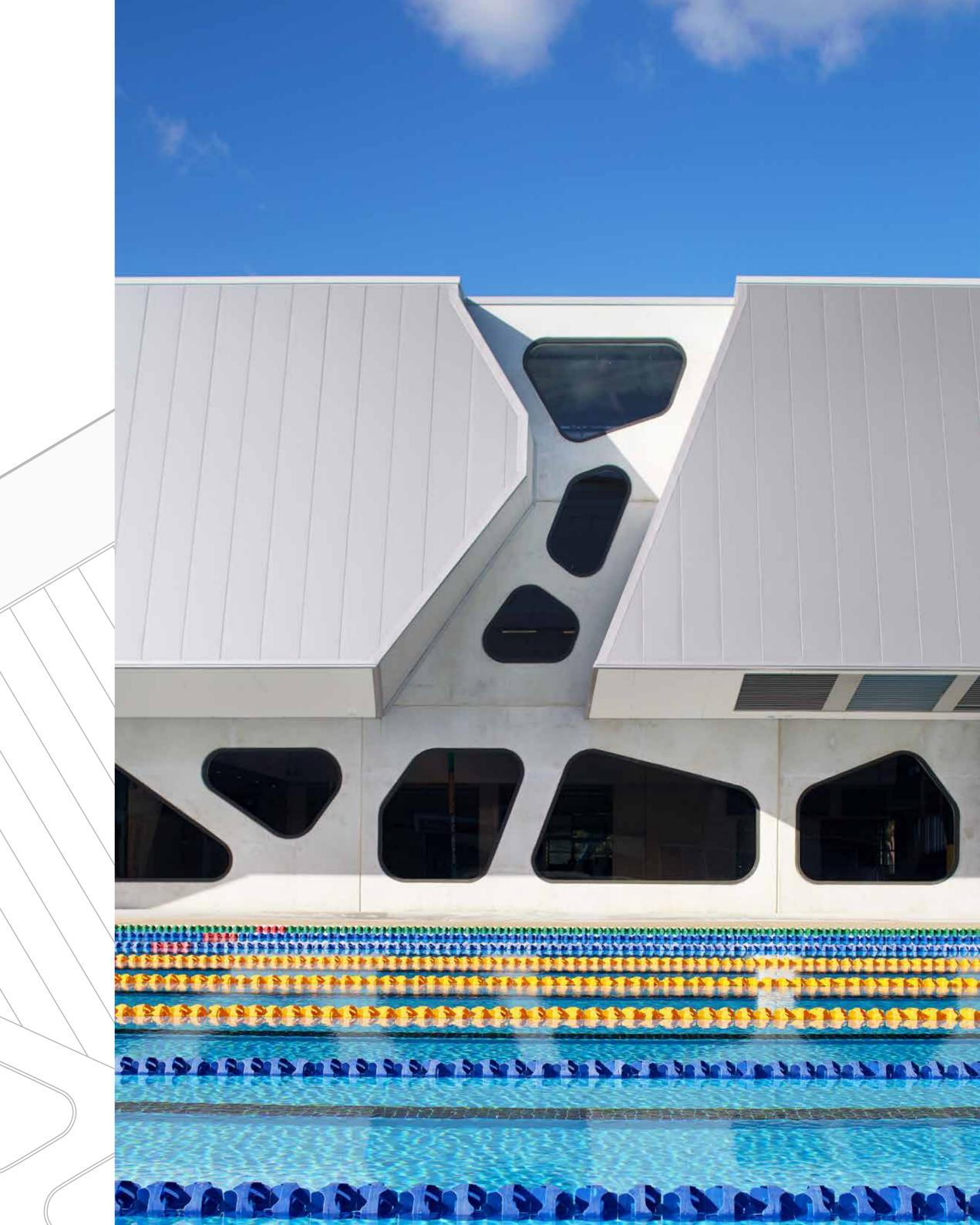
- 1. FORECOURT
- 2. ENTRY
- 3. INDOOR TRACK
- 4. MULTI-PURPOSE SPACE
 5. STRENGTH & CONDITIONING
- 6. RECOVERY POOLS7. ATHLETE CHANGE ROOMS
- 8. ATHLETE RECREATION SPACE9. SPORTS SCIENCE LABS
- 10. EXECUTIVE OFFICES
- 11. TRAINING ROOMS 12. STAFF HUB
- 13. ADMINISTRATION
- 13. ADMIN 14. VOID



Evolving the Typology

In order to test, record and analyse the performance of athletes, specialist cameras and force plates are integrated into the architecture as well as recesses, rails, power and data connections. Cameras are able to capture every single angle to allow for analysis of technique, identifying opportunities for improvement.

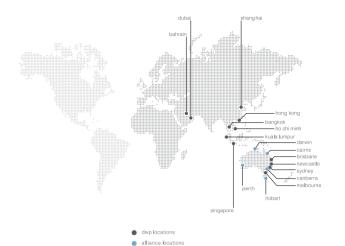
Cameras and digital screens are also provided outside for swimmers.







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