CASE STUDIES

BY ENVIRONMENT

ASP™ access floors INTERNATIONAL

WHICH ACCESS FLOOR SYSTEM SUITS YOUR ENVIRONMENT?

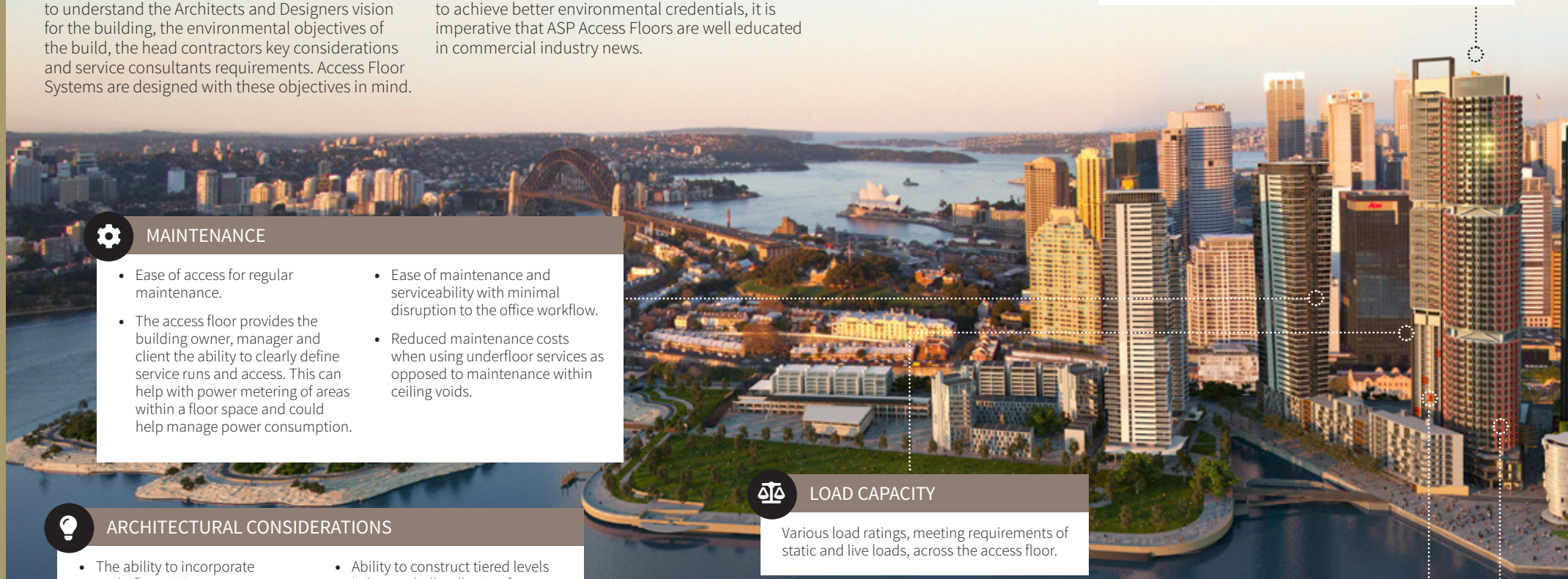
Commercial Environment

In Commercial Offices **ASP Access Floors** engage to understand the Architects and Designers vision for the building, the environmental objectives of the build, the head contractors key considerations and service consultants requirements. Access Floor Systems are designed with these objectives in mind.

With commercial towers building higher and striving to achieve better environmental credentials, it is imperative that ASP Access Floors are well educated in commercial industry news.

ENVIRONMENTAL

Green Star compliant / LEED compliant / High recycled content / Low VOC's / Low Carbon footprint.



MAINTENANCE

- Ease of access for regular maintenance.
- The access floor provides the building owner, manager and client the ability to clearly define service runs and access. This can help with power metering of areas within a floor space and could help manage power consumption.
- Ease of maintenance and serviceability with minimal disruption to the office workflow.
- Reduced maintenance costs when using underfloor services as opposed to maintenance within ceiling voids.

LOAD CAPACITY

Various load ratings, meeting requirements of static and live loads, across the access floor.

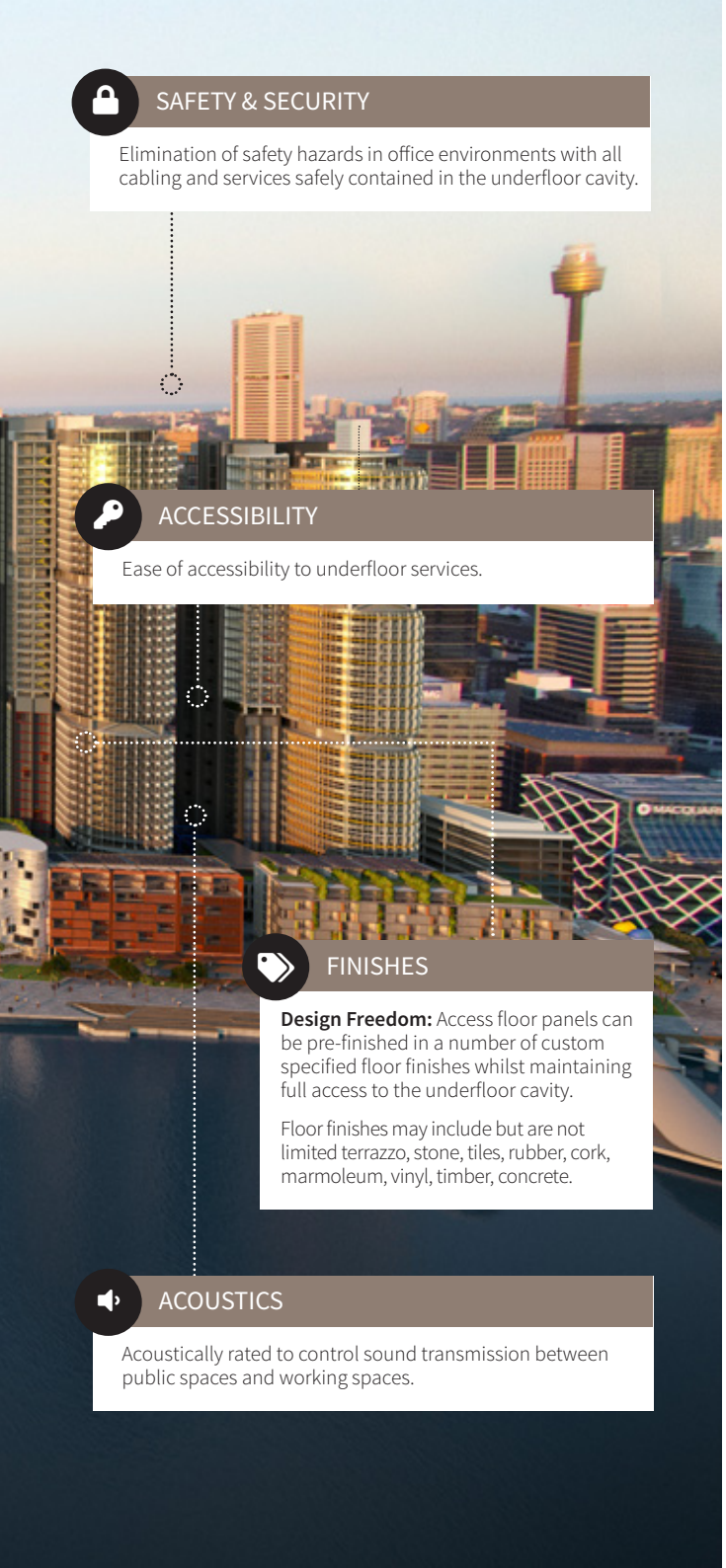
ARCHITECTURAL CONSIDERATIONS

- The ability to incorporate underfloor air increases occupant comfort and in turn increases productivity in the workplace.
- The ability to incorporate underfloor air allows for more efficient heating and cooling.
- Improved indoor air quality with the use of underfloor air.
- Ability to construct tiered levels in lecture halls, allowing for underfloor services in these areas.
- Greater design freedom in ceiling materials specification when installing all primary services in the underfloor space. Advantageous in heritage buildings.

COST EFFICIENCY

- When completing alterations to or maintenance within the floor space, it has been found installing additional services to the underfloor space is far more cost effective than within the ceiling space. Acoustic ceiling tiles damage easily and up to 70% need replacing during a cycle of fit out works.
- When an Access Floor is designed into a new building from the start of the project, service reticulation in the building can be less expensive to install and less expensive to service over the life of the building.

ASP™ access floors INTERNATIONAL



SAFETY & SECURITY

Elimination of safety hazards in office environments with all cabling and services safely contained in the underfloor cavity.

ACCESSIBILITY

Ease of accessibility to underfloor services.

FINISHES

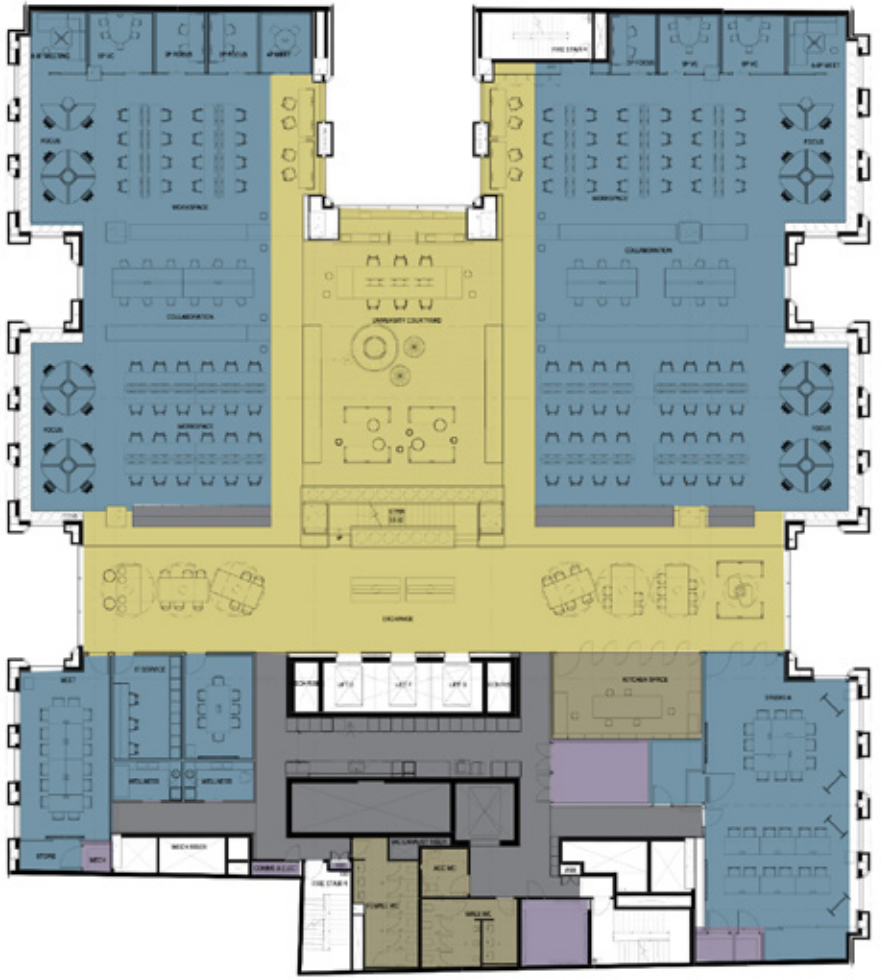
Design Freedom: Access floor panels can be pre-finished in a number of custom specified floor finishes whilst maintaining full access to the underfloor cavity.

Floor finishes may include but are not limited terrazzo, stone, tiles, rubber, cork, marmoleum, vinyl, timber, concrete.

ACOUSTICS

Acoustically rated to control sound transmission between public spaces and working spaces.

ASP™ access floors INTERNATIONAL



The access floor solution for each project is unique, varied and will most likely be multi-faceted.
Please contact the ASP Access Floors sales team for assistance in tailoring your project's access floor solution.

Tel: 02 9620 9915 **Email:** sales@aspfloors.com.au

URBAN INTERLOCK

CONCEPT +

ICON + HPL

ICON X MEDIUM GRADE

ICON X HEAVY GRADE

ASP™ access floors INTERNATIONAL

CLIENT
Lend Lease

ARCHITECT
Lend Lease Design
Davenport Campbell

BUILDER
Lend Lease

SUSTAINABILTY
GreensStar
Nabers
WELL Certified

ICON X
300,000m2

CONCEPT +TIMBER
4000m2

BARANGAROO INTERNATIONAL TOWERS

ASP™ access floors INTERNATIONAL

CLIENT
Medibank
Cbus

ARCHITECT
Hassell

BUILDER
Brookfield Multiplex

SUSTAINABILTY
GreensStar
Nabers

URBAN INTERLOCK
2000m2

ICON AIR
46,000m2

MEDIBANK PLACE

ASP™ access floors INTERNATIONAL

CLIENT
Department of Justice

ARCHITECT
Architectus

BUILDER
Lend Lease

SUSTAINABILTY
GreensStar
Nabers
WELL Certified

ICON RIGID
16,000m2

CONCEPT +TIMBER
12,000m2

BRISBANE SUPREME COURTS

ASP™ access floors INTERNATIONAL

CLIENT
Arup

ARCHITECT
Hassell

BUILDER
Built Holdings

SUSTAINABILTY
GreensStar
Nabers

CONCEPT +TIMBER
1100m2

ICON AIR
8000m2

ICON DATA VINYL
1400m2

BARRACK PLACE, 151 CLARENCE

ASP™ access floors INTERNATIONAL

CLIENT
Brookfield Properties

ARCHITECT
Woods Bagot

BUILDER
Multiplex

SUSTAINABILTY
GreensStar
Nabers
WELL Certified

ICON X
62,000m2

URBAN INTERLOCK
3000m2

MAGNES
8500m2

405 BOURKE STREET

ASP™ access floors INTERNATIONAL

CLIENT
ANZ

ARCHITECT
Hassell
Lend Lease Design

BUILDER
Lend Lease

SUSTAINABILTY
GreensStar
Nabers

ICON AIR
83,000m2

833 COLLINS STREET

ASP™ access floors INTERNATIONAL

CLIENT
ANZ

ARCHITECT
Denton Corker Marshall

BUILDER
Lend Lease

SUSTAINABILTY
GreensStar
Nabers

ICON AIR
53,000m2

839 COLLINS STREET

ASP™ access floors INTERNATIONAL

CLIENT
AMP Capital

ARCHITECT
3XN
BVN
Hassell

BUILDER
Multiplex

SUSTAINABILTY
GreensStar
Nabers

ICON X
46,000m2

CONCEPT +TIMBER
30,000m2

URBAN INTERLOCK
10,000m2

ICON DATA HPL
2000m2

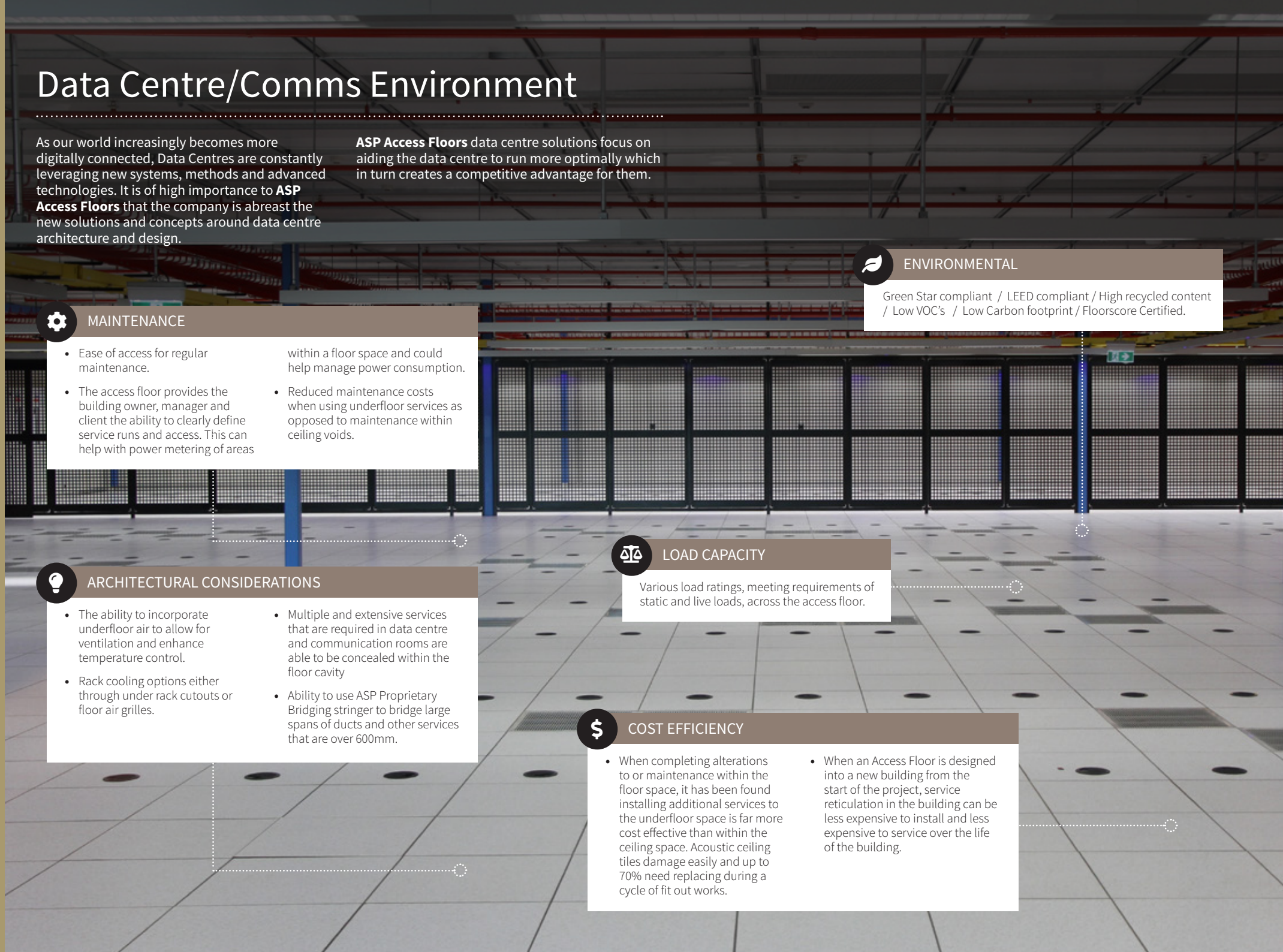
QUAY QUARTER TOWER

WHICH ACCESS FLOOR SYSTEM SUITS YOUR ENVIRONMENT?

Data Centre/Comms Environment

As our world increasingly becomes more digitally connected, Data Centres are constantly leveraging new systems, methods and advanced technologies. It is of high importance to **ASP Access Floors** that the company is abreast the new solutions and concepts around data centre architecture and design.

ASP Access Floors data centre solutions focus on aiding the data centre to run more optimally which in turn creates a competitive advantage for them.



MAINTENANCE

- Ease of access for regular maintenance.
- The access floor provides the building owner, manager and client the ability to clearly define service runs and access. This can help with power metering of areas within a floor space and could help manage power consumption.
- Reduced maintenance costs when using underfloor services as opposed to maintenance within ceiling voids.

ENVIRONMENTAL

Green Star compliant / LEED compliant / High recycled content / Low VOC's / Low Carbon footprint / Floorscore Certified.

ARCHITECTURAL CONSIDERATIONS

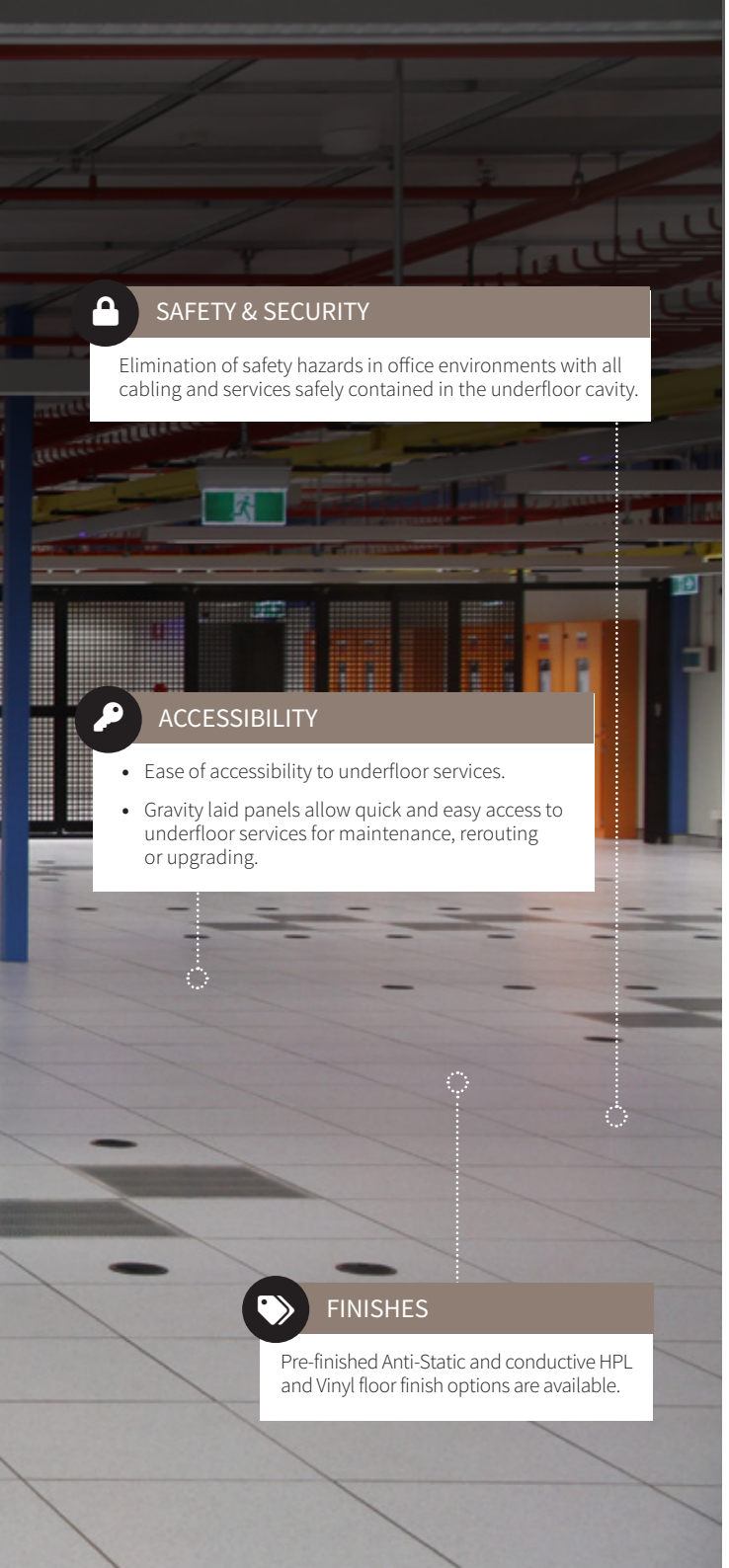
- The ability to incorporate underfloor air to allow for ventilation and enhance temperature control.
- Rack cooling options either through under rack cutouts or floor air grilles.
- Multiple and extensive services that are required in data centre and communication rooms are able to be concealed within the floor cavity
- Ability to use ASP Proprietary Bridging stringer to bridge large spans of ducts and other services that are over 600mm.

LOAD CAPACITY

Various load ratings, meeting requirements of static and live loads, across the access floor.

COST EFFICIENCY

- When completing alterations to or maintenance within the floor space, it has been found installing additional services to the underfloor space is far more cost effective than within the ceiling space. Acoustic ceiling tiles damage easily and up to 70% need replacing during a cycle of fit out works.
- When an Access Floor is designed into a new building from the start of the project, service reticulation in the building can be less expensive to install and less expensive to service over the life of the building.



SAFETY & SECURITY

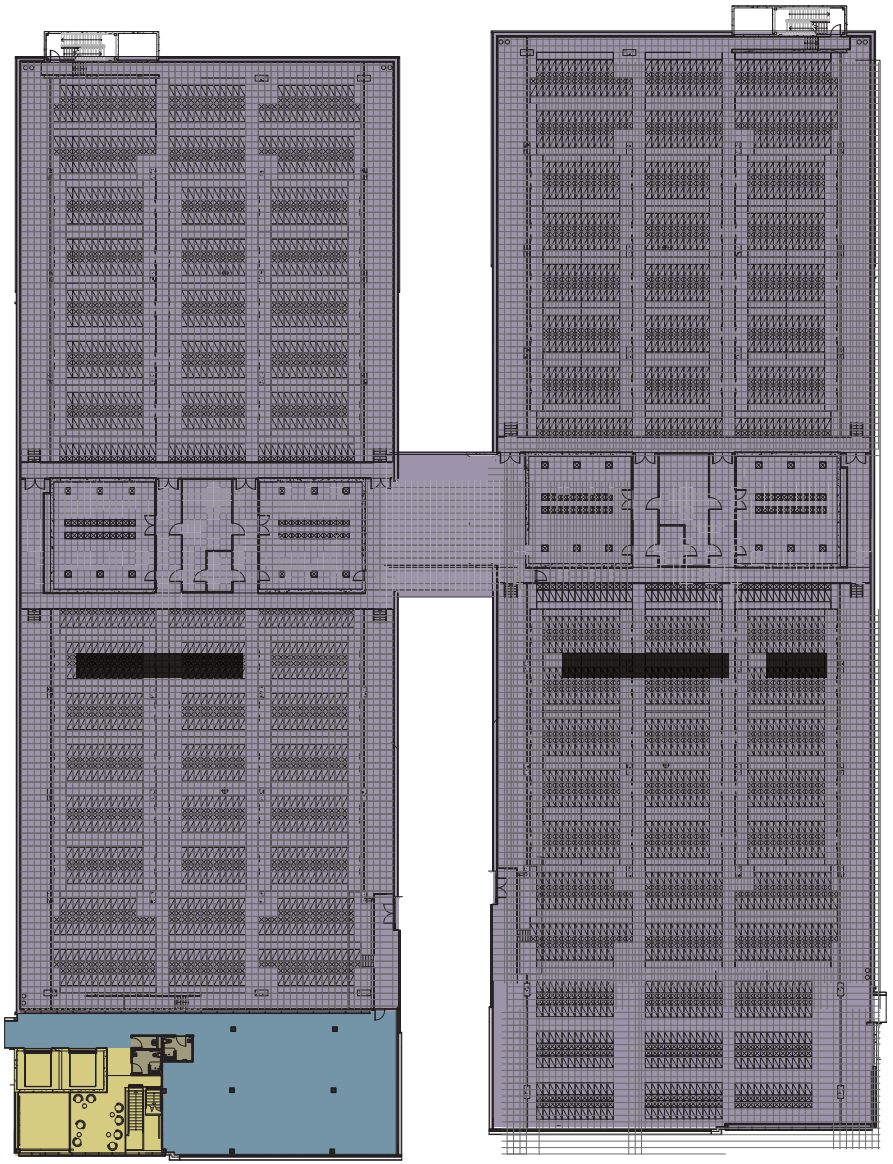
Elimination of safety hazards in office environments with all cabling and services safely contained in the underfloor cavity.

ACCESSIBILITY

- Ease of accessibility to underfloor services.
- Gravity laid panels allow quick and easy access to underfloor services for maintenance, rerouting or upgrading.

FINISHES

Pre-finished Anti-Static and conductive HPL and Vinyl floor finish options are available.



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URBAN INTERLOCK

CONCEPT +

CONCEPT + HPL EXTRA HEAVY GRADE

ICON X MEDIUM GRADE

*Alternative finish Concept + Vinyl

ASP™ access floors INTERNATIONAL

CLIENT
Equinix

ARCHITECT
Greenbox Architecture

BUILDER
John Holland Group

ICON DATA HPL
4000m2

EQUINIX

ASP™ access floors INTERNATIONAL

CLIENT
Telstra

ARCHITECT
Legge Architects

BUILDER
Lend Lease

ICON DATA HPL
2000m2

TELSTRA CLAYTON

ASP™
access floors
INTERNATIONAL

CLIENT
Global Switch

ARCHITECT
DEM Architects

BUILDER
Hutchinson Builders

ICON DATA HPL
5500m2

GLOBAL SWITCH

ASP™ access floors INTERNATIONAL

CLIENT
Airtunk

ARCHITECT
DEM Architects

BUILDER
FDC Constructions

ICON DATA HPL
500m2

AIRTRUNK VICTORIA

WHICH ACCESS FLOOR SYSTEM SUITS YOUR ENVIRONMENT?

Education Environment

Education facilities of today strive to achieve both design and environmental excellence in their architecture and interiors. **ASP Access Floors** engage to understand the Architects and Designers vision for the building, the environmental objectives of the build, the head contractor's key considerations and service consultant's requirements for each project.

Access floor systems are recommended as a result of this research an often address key design elements such as acoustics, load requirements, adaptability and flexibility of space.

ENVIRONMENTAL

Green Star compliant / LEED compliant / High recycled content / Low VOC's / Low Carbon footprint.

MAINTENANCE

- Ease of access for regular maintenance.
- The access floor provides the building owner, manager and client the ability to clearly define service runs and access. This can help with power metering of areas within a floor space and could help manage power consumption.
- Ease of maintenance and serviceability with minimal disruption to the environments workflow.
- Reduced maintenance costs when using underfloor services as opposed to maintenance within ceiling voids.

LOAD CAPACITY

Various load ratings, meeting requirements of static and live loads, across the access floor.

ARCHITECTURAL CONSIDERATIONS

- The ability to incorporate underfloor air increases occupant comfort and in turn increases productivity in the education facility
- The ability to incorporate underfloor air allows for more efficient heating and cooling.
- Greater design freedom in ceiling materials specification when installing all primary services in the underfloor space. Advantageous in heritage buildings.
- Improved indoor air quality with the use of underfloor air
- Ability to construct tiered levels in lecture halls, allowing for underfloor services in these arease buildings.

COST EFFICIENCY

- When completing alterations to or maintenance within the floor space, it has been found installing additional services to the underfloor space is far more cost effective than within the ceiling space. Acoustic ceiling tiles damage easily and up to 70% need replacing during a cycle of fit out works.
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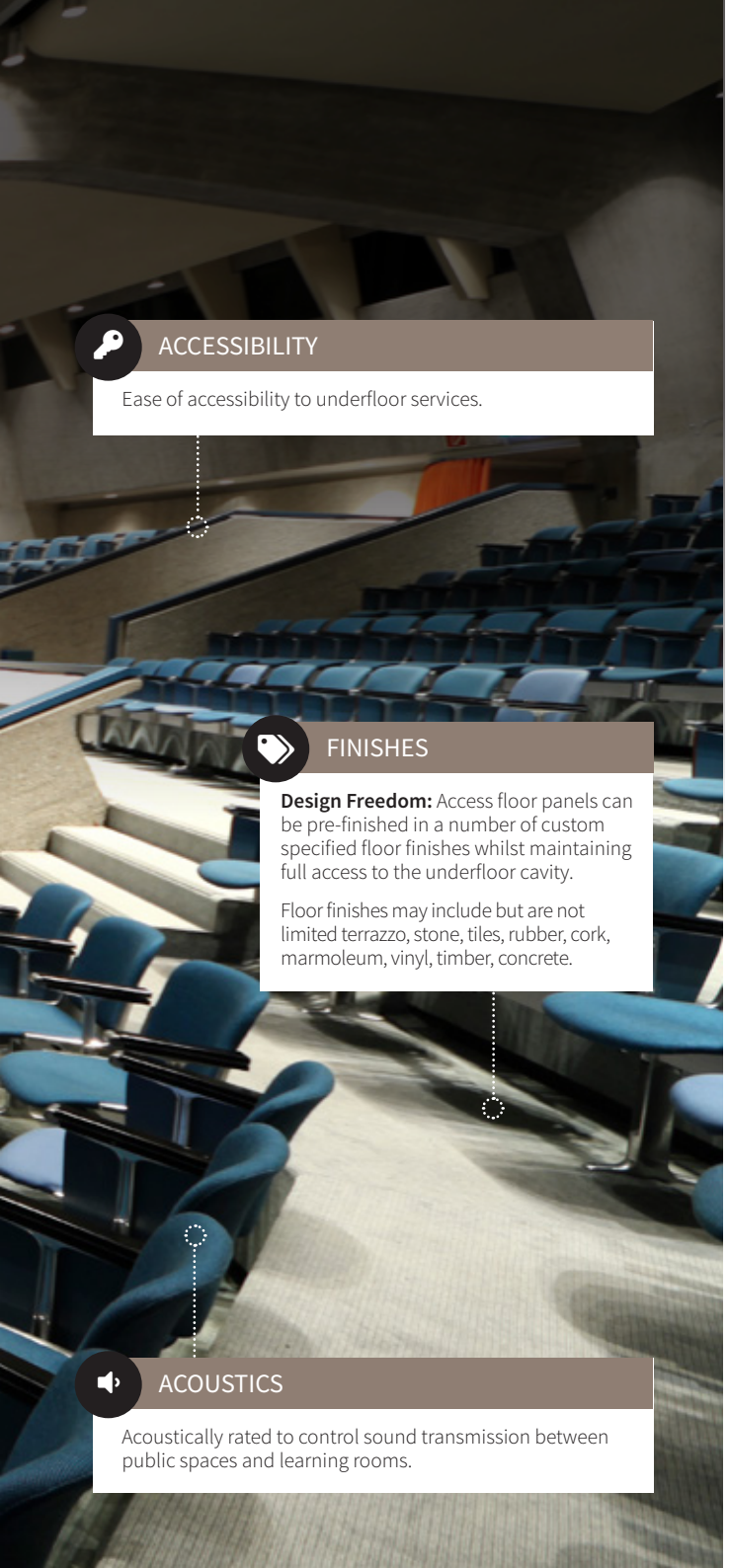


ACCESSIBILITY

Ease of accessibility to underfloor services.

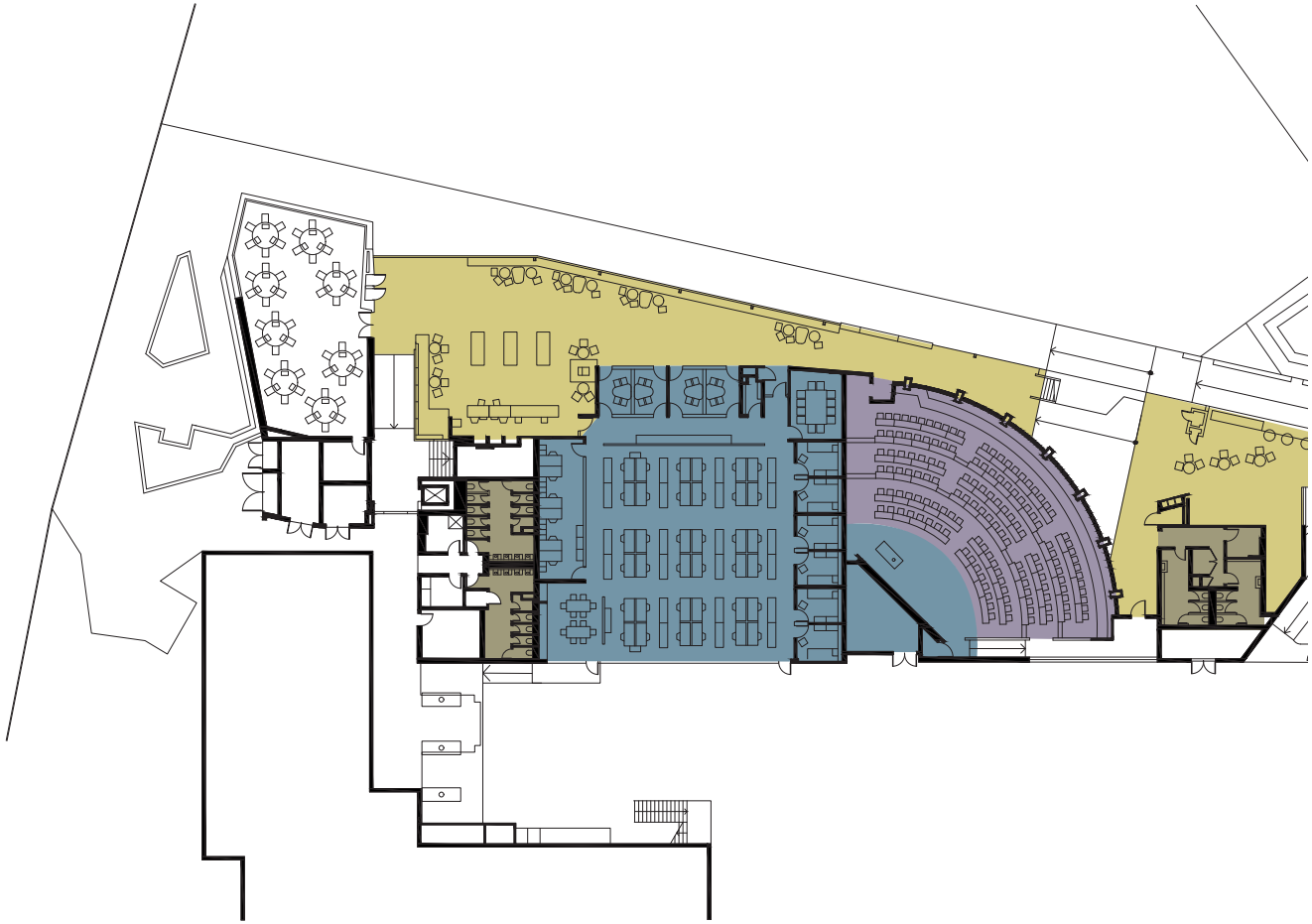
FINISHES

Design Freedom: Access floor panels can be pre-finished in a number of custom specified floor finishes whilst maintaining full access to the underfloor cavity.

Floor finishes may include but are not limited terrazzo, stone, tiles, rubber, cork, marmoleum, vinyl, timber, concrete.

ACOUSTICS

Acoustically rated to control sound transmission between public spaces and learning rooms.



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URBAN INTERLOCK

CONCEPT +

ICON DATA

ICON X MEDIUM GRADE

ASP™ access floors INTERNATIONAL

CLIENT
Box Hill Institute

ARCHITECT
Paul Morgan Architects

BUILDER
Cockram Constructions

SUSTAINABILTY
GreensStar

ICON X
2500m2

ICON DATA HPL
400m2

BOX HILL INSTITUTE

ASP™ access floors INTERNATIONAL

CLIENT
University of Adelaide

ARCHITECT
Design Inc

BUILDER
Hindmarsh Constructions

SUSTAINABILTY
GreensStar

ICON AIR
10,000m2

UNIVERSITY OF ADELAIDE

ASP™ access floors INTERNATIONAL

CLIENT
Melton Council

ARCHITECT
FJMT

BUILDER
ADCO Constructions

SUSTAINABILTY
GreensStar

ICON AIR
3000m2

MELTON LIBRARY & LEARNING HUB

ASP™ access floors INTERNATIONAL

CLIENT
Macquarie University

ARCHITECT
Architectus

BUILDER
Lipman Constructions

SUSTAINABILTY
GreensStar
Nabers

CONCEPT + CORK
800m2

INNOVATION HUB MACQUARIE UNIVERSITY

ASP™ access floors INTERNATIONAL

CLIENT
UTS Sydney

ARCHITECT
Denton Corker Marshall

BUILDER
Lend Lease

SUSTAINABILTY
GreensStar

ICON AIR
22,500m2

UTS SYDNEY

WHICH ACCESS FLOOR SYSTEM SUITS YOUR ENVIRONMENT?

Entertainment Environment

The access floor solution for each entertainment venue, building or precinct is unique, varied and will most likely be multi-faceted. ASP Access Floors understands that great entertainment design creates spaces that are flexible, adaptable to change, but ultimately create an extraordinary experience for the people who visit.

Designing access floor systems for these venues that allow the designers an adaptable and flexible solution to support their vision is **ASP Access Floors** primary focus.

ENVIRONMENTAL

Green Star compliant / LEED compliant / High recycled content / Low VOC's / Low Carbon footprint.

LOAD CAPACITY

- Various load ratings, meeting requirements of static and live loads, across the access floor.
- Heavy load capacity to cater for entertainment venue requirements E.g. Slot/Pokie Machines, Promotional display areas, Theatre/Staging arenas.
- Heavy Duty Access Floor system for stage and back of house areas able to support heavy equipment used in an entertainment environment.

MAINTENANCE

- Ease of access for regular maintenance.
- The access floor provides the building owner, manager and client the ability to clearly define service runs and access. This can help with power metering of areas within a floor space and could help manage power consumption.
- Ease of maintenance and serviceability with minimal disruption to the environments workflow.
- Reduced maintenance costs when using underfloor services as opposed to maintenance within ceiling voids.

ARCHITECTURAL CONSIDERATIONS

- The ability to incorporate underfloor air allows for more efficient heating and cooling.
- Greater design freedom in ceiling materials specification when installing all primary services in the underfloor space. Advantageous in heritage buildings.
- Improved indoor air quality with the use of underfloor air
- Ability to construct tiered levels in theatre and convention halls, allowing for underfloor services in these areas

FINISHES

Design Freedom: Access floor panels can be pre-finished in a number of custom specified floor finishes whilst maintaining full access to the underfloor cavity.

Floor finishes may include but are not limited terrazzo, stone, tiles, rubber, cork, marmoleum, vinyl, timber, concrete.

COST EFFICIENCY

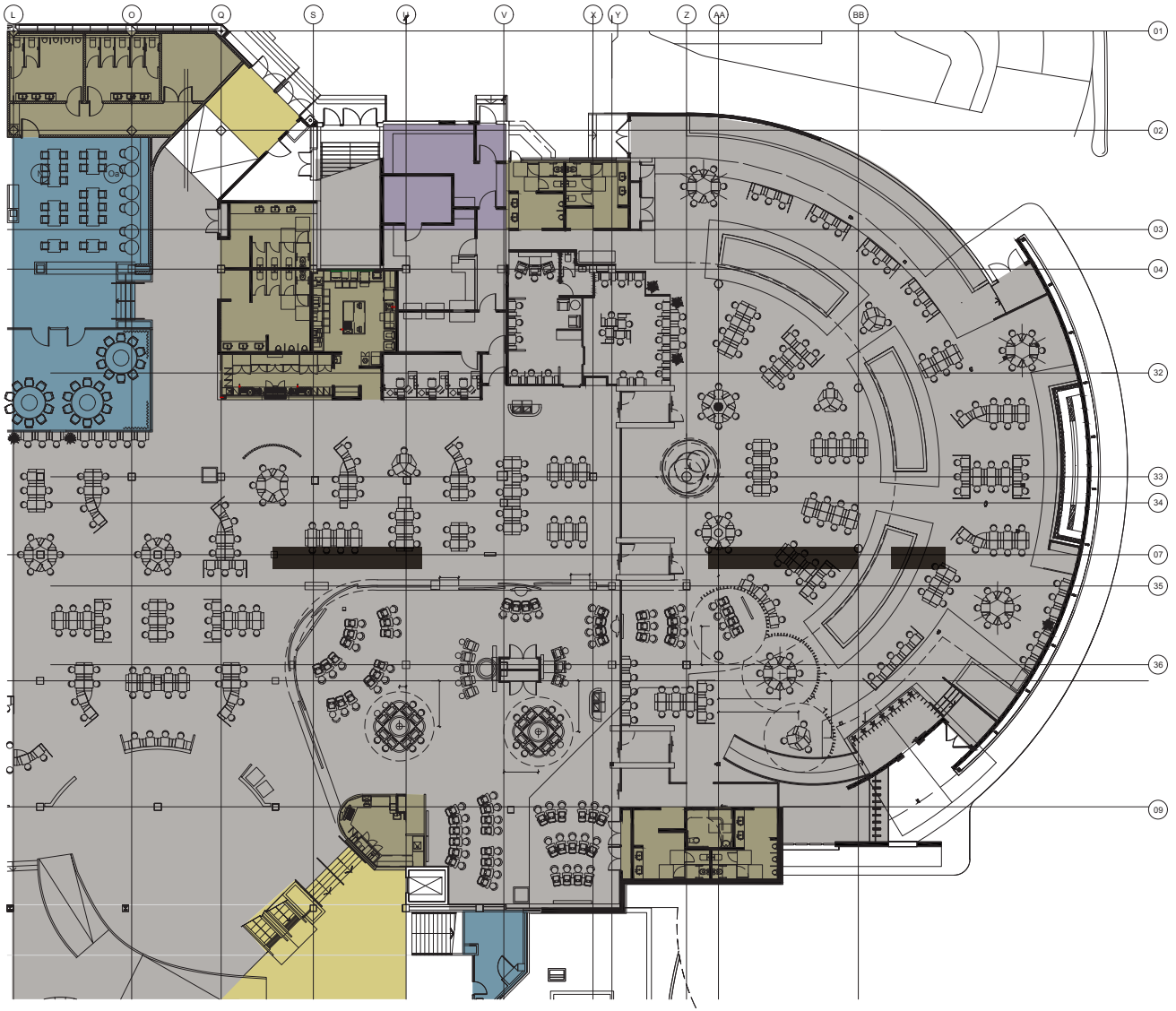
When an Access Floor is designed into a new building from the start of the project, service reticulation in the building can be less expensive to install and less expensive to service over the life of the building.

ACCESSIBILITY

Ease of accessibility to underfloor services.

ACOUSTICS

Acoustically rated to control sound transmission between public and private spaces.



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URBAN INTERLOCK

CONCEPT +

CONCEPT + HPL

ICON X MEDIUM GRADE

ICON HD

ASP™ access floors INTERNATIONAL

CLIENT
Canterbury RSL

ARCHITECT
Paul Kelly Design

BUILDER
MPA Projects

ICON X
2000m2

CANTERBURY RSL

ASP™ access floors INTERNATIONAL

CLIENT
Dee Why RSL

ARCHITECT
Altis Archutecture

BUILDER
Hutchinson

ICON X
400m2

DEE WHY RSL

ASP™ access floors INTERNATIONAL

CLIENT
Ballina RSL

ARCHITECT
Altis Archutecture

BUILDER
James Clifford

ICON X
1000m2

BALLINA RSL

ASP™ access floors INTERNATIONAL

CLIENT
Harbord Diggers

ARCHITECT
Architectus

BUILDER
Calida

ICON X
1000m2

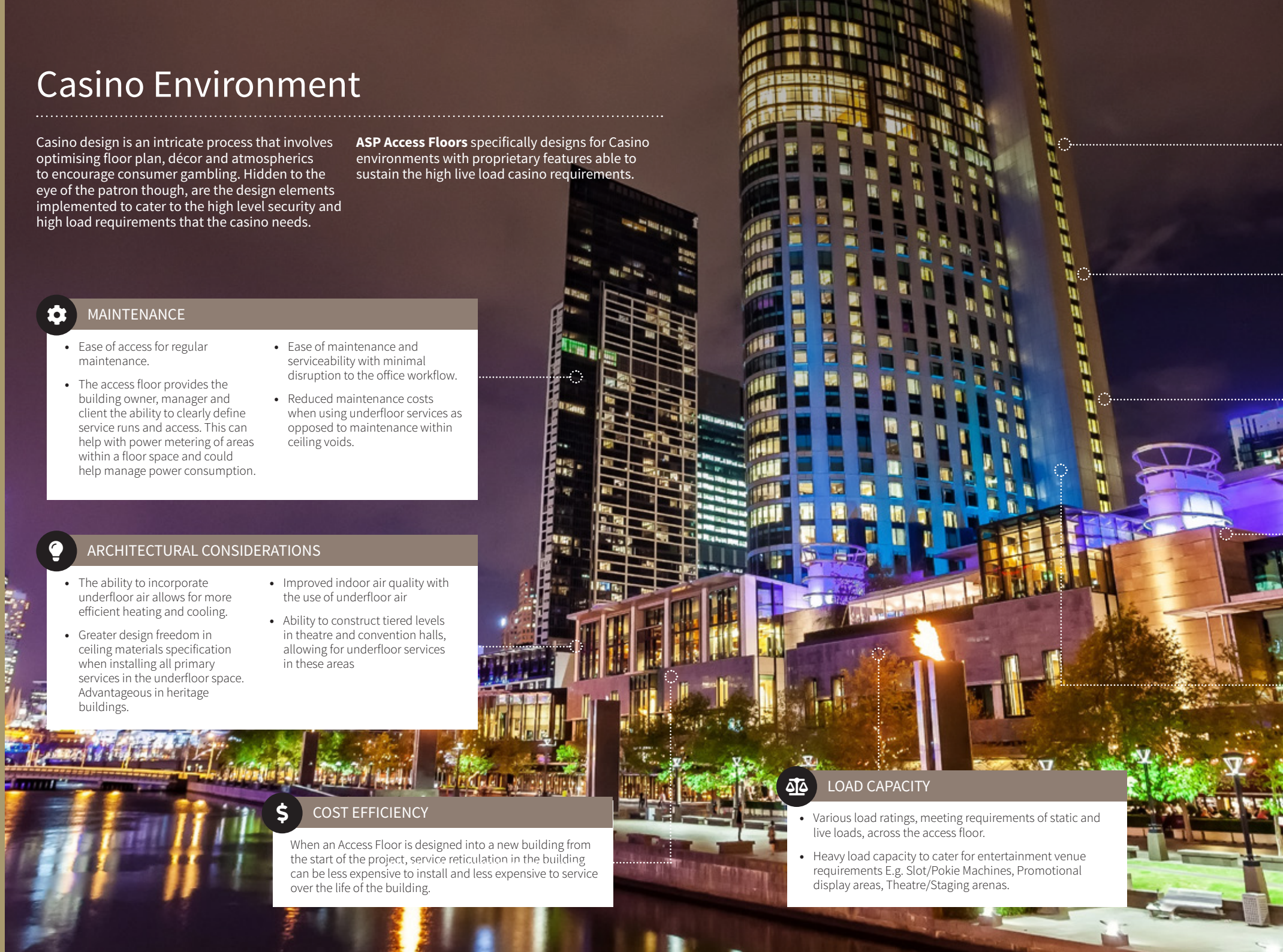
HARBORD DIGGERS

WHICH ACCESS FLOOR SYSTEM SUITS YOUR ENVIRONMENT?

Casino Environment

Casino design is an intricate process that involves optimising floor plan, décor and atmospherics to encourage consumer gambling. Hidden to the eye of the patron though, are the design elements implemented to cater to the high level security and high load requirements that the casino needs.

ASP Access Floors specifically designs for Casino environments with proprietary features able to sustain the high live load casino requirements.



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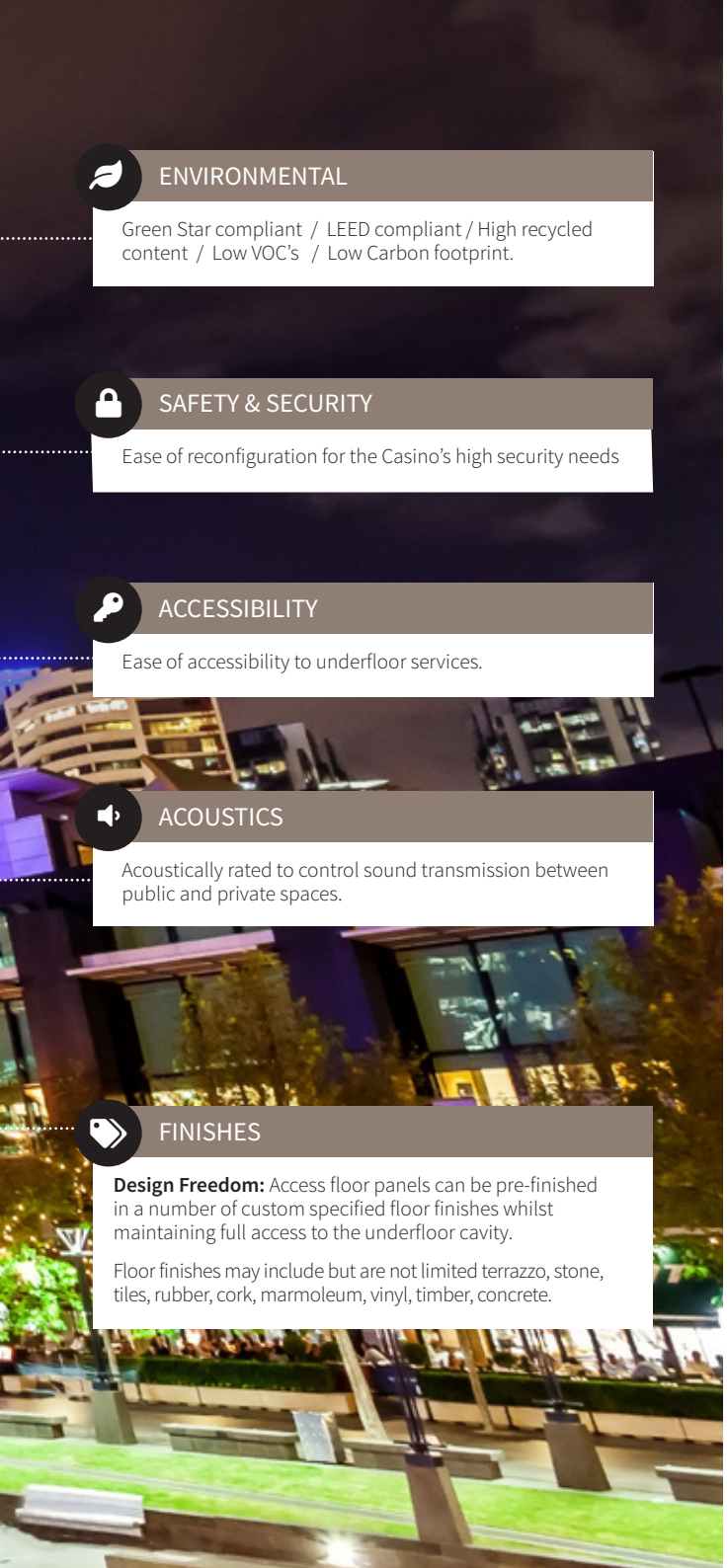

ENVIRONMENTAL

Green Star compliant / LEED compliant / High recycled content / Low VOC's / Low Carbon footprint.

SAFETY & SECURITY

Ease of reconfiguration for the Casino's high security needs

ACCESSIBILITY

Ease of accessibility to underfloor services.

ACOUSTICS

Acoustically rated to control sound transmission between public and private spaces.

FINISHES

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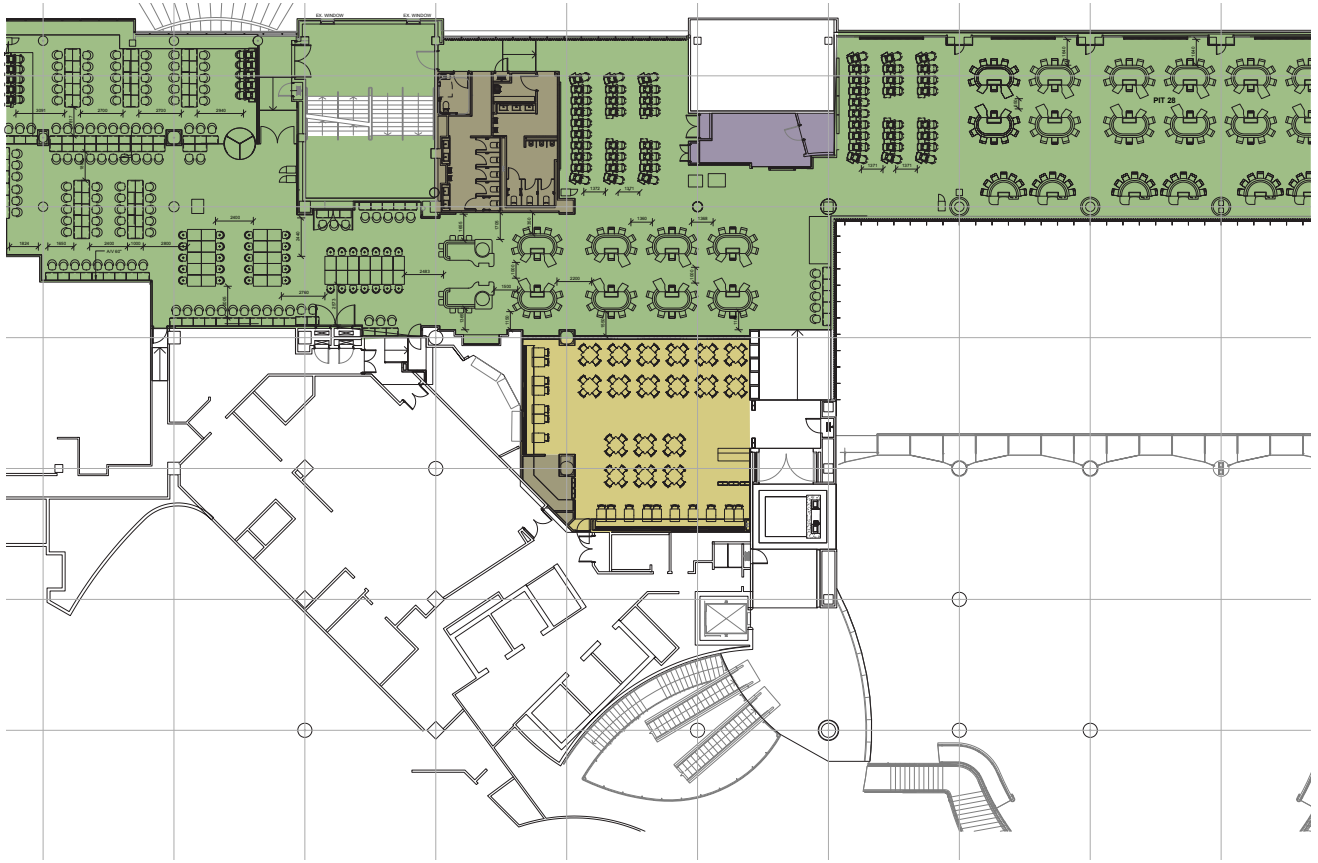

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URBAN INTERLOCK

CONCEPT +

CONCEPT + HPL

ICON HD*

*ICON HD 9.0kN <3000mm ceiling height. *ICON HD 11.0kN >3001mm ceiling height.

ASP™ access floors INTERNATIONAL

CLIENT
The Star

ARCHITECT
Buchan Group

BUILDER
Probuild Constructions

ICON HD
4000m2

URBAN INTERLOCK
1200m2

THE STAR GOLD COAST CASINO

ASP™ access floors INTERNATIONAL

CLIENT
The Star

ARCHITECT
FJMT

BUILDER
Probuild Constructions

ICON HD
3000m2

URBAN INTERLOCK
700m2

THE STAR SYDNEY

ASP™ access floors INTERNATIONAL

CLIENT
Crown

ARCHITECT
Bates Smart

BUILDER
Crown

ICON HD
6500m2

CROWN CASINO MELBOURNE

ASP™
access floors

GLOBAL HEAD OFFICE **ASP Access Floors Pty Ltd** 32 Prime Drive Seven Hills, NSW 2147, Australia
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