

# F1 JEDDAH

AFTER-RACE CONCERT  
STRUCTURES







# SAUDI ARABIAN GRAND PRIX

In November 2020, it was announced that the city of Jeddah would host the inaugural Saudi Arabian Grand Prix.

The announcement created a huge amount of excitement throughout the region, as the Middle East secures another high-profile motorsport event.

The race takes place on the Jeddah Corniche. Named as the 'fastest street track' on the Formula One calendar.





# WORK SCOPE

All Events Services joined in the excitement when contracted by MDL Beast to supply the After-Race Concert (ARC), to supply a full turnkey solution for temporary structures.

The build scope included:

- Main concert stage
- FOHs
- Projection towers
- Spot/delay towers
- VIP deck
- Royal VIP boxes
- VIP ablutions
- Entrance arches



# STAGE DESIGN

To design and build the stage, AES relied heavily on previous experience of delivering staging for concerts in Saudi Arabia, which includes MDL Beast and the Formula E.

AES brings knowledge of working on motorsport's biggest race in the world, having supplied staging for the Abu Dhabi F1 ARCs for the past 10 years in the UAE.

The Jeddah F1 ARC stage was engineered using the AES Mega Roof festival stage system and the wings built out of Layher scaffold.







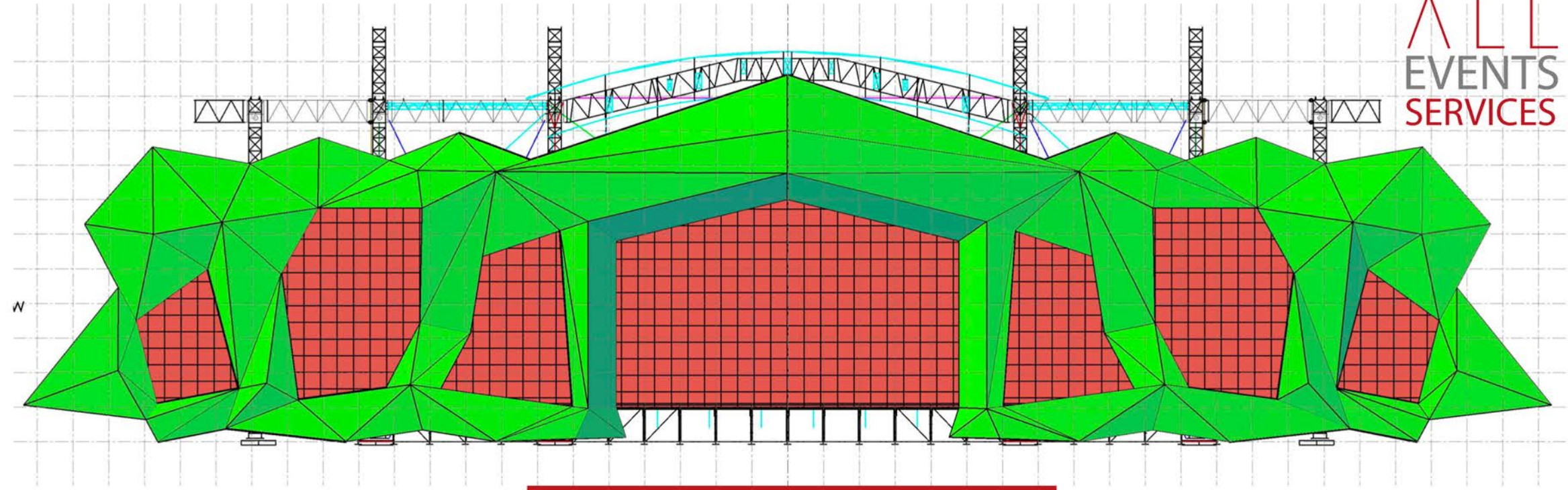


# MEGA ROOF

The AES Mega Roof is the largest steel stage system, 47m x 21.5m, AES has to offer.

This truly massive tower stage, with its recognizable arched roof, has an extremely high rigging capacity (upto 60T) and provided the ideal stage solution for the Jeddah F1 ARC stage.

The geometric stage facade was designed and engineered as a bespoke structure, unique to the Jeddah stage. Used as a gigantic projection screen, providing a surface for the production's 3D projection mapping.



RENDER TO REALITY







# STAGE FACADE

Built using 106 individually shaped steel plate pieces, the facade provided a surface area of 1,500 sq.m for the 3D projection mapping.

Prefabricated in Dubai, the assembly & installation of sections required cranes, man-lifts and a 10-man team, 7 days to build.

Creating an exceptional looking angular fascia, utilizing the loading strength of the Mega Roof stage and scaffold systems used to support the giant structure.







# CONCERT STRUCTURES

## SINGLE SPOT & DELAY TOWERS

4 x 18m high steel towers, for the production use of manned spot baskets, hanging delay, robo-spots and site lighting.

## PROJECTION TOWERS

2 x (8m x 4m @ 12mh) projection towers, split with 4 deck levels to house all stage facade projection equipment.

## FOH's

1 x (8m x 8m) & 1 x (8m x 6m) front of house structures, providing working space for the production lighting and A/V teams.







# VIP PLATFORM

For the Jeddah F1 Grand Prix After-Race Concert (ARC), All Events Services built the largest VIP structure to date.

With over 10,300 sq.m of deck space split over 6 tiered levels, the colossal VIP platform measured 190m in length and 60m in depth.

Engineered to support the dynamic load of up to 7,700 guests, the structure was built using scaffold and steel beam systems.

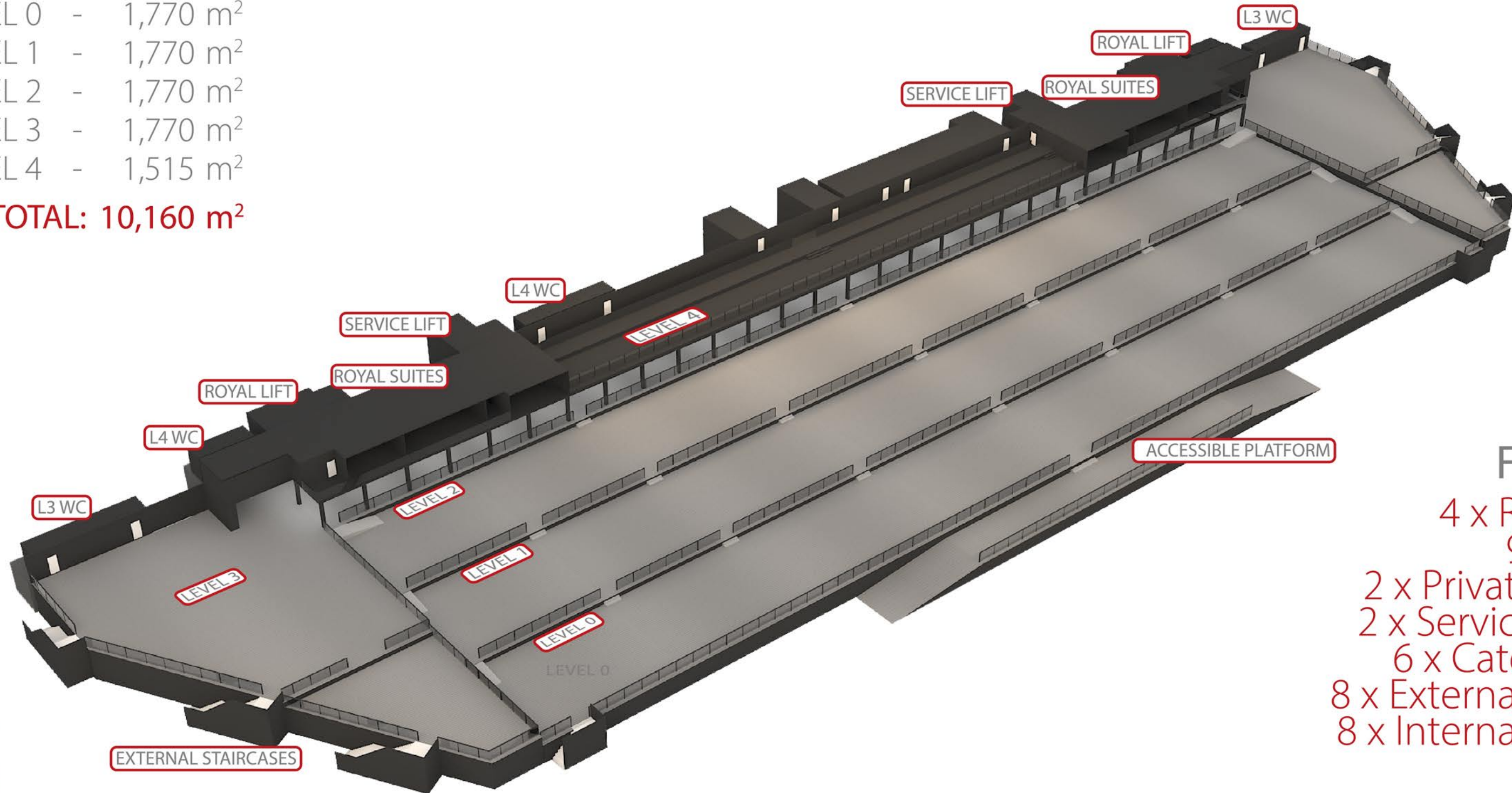


# VIP PLATFORM

## VIP DECK AREAS

LEVEL 0	-	1,770 m <sup>2</sup>
LEVEL 1	-	1,770 m <sup>2</sup>
LEVEL 2	-	1,770 m <sup>2</sup>
LEVEL 3	-	1,770 m <sup>2</sup>
LEVEL 4	-	1,515 m <sup>2</sup>

**VIP TOTAL: 10,160 m<sup>2</sup>**



## FACILITIES

- 4 x Royal Suites
- 9 x VIP WCs
- 2 x Private Elevators
- 2 x Service Elevators
- 6 x Catering Areas
- 8 x External Staircases
- 8 x Internal Staircases



# TIERED VIP DECKS

With the vast numbers of guests to accommodate on the VIP platform, AES designed and built a 6-tiered scaffold & steel beam structure.

With the lowest deck (accessible platform) starting height at 1.7m from the ground and finishing with the level 4 balcony deck at 6.7m.

The design of the structure included all decks to be finished with a grey wood plastic composite (WPC) flooring material, skirted with a black steel and glass handrail.

Each of the levels were connected with numerous steps and accessible ramps to allow safe crowd flow.





LEVEL 4 - VVIP BALCONY DECK





# ROYAL SUITES

All Events Services understand the importance of providing structures that, not only cater for the requirements of our clients but impress and go beyond expectations.

Provision of royal suites for the VIP platform is an important design aspect of the project from structural layouts to decoration.

For the Jeddah F1 ARC VIP platform, AES provided 4 royal suites located on the wings of level 4, 2 suites either side of the VIP balcony.





SWIFT AND DISCREET ACCESS  
PRIVATE ELEVATOR & ABLUTIONS

The royal suites were specifically designed to provide:  
PRIVATE ROOMS/SERVICES AWAY FROM PUBLIC VIEW  
ADDITIONAL SPACE FOR SECURITY PERSONNEL

LUXURY FURNISHINGS  
BEST VIEWS OF THE STAGE

RENDER TO REALITY





# CATERING DECK

With a VIP capacity up to 7,700 guests, the VIP platform required an extensive space allocated to the F&B teams.

For the Jeddah F1 ARC, buffet catering was provided for all guests, excluding the royal suites.

The central section of level 3, approx. 1,400 sq.m of covered deck, was designed by AES to facilitate multiple uses including catering requirements.

This area is serviced by additional high amp power sockets, service elevators, sectioned off BOH areas, additional spot/down lighting and access to all VIP areas.





ALL AES VIP TOILETS ARE FITTED WITH TOUCH-LESS TECHNOLOGY FOR EFFICIENCY & HYGENE



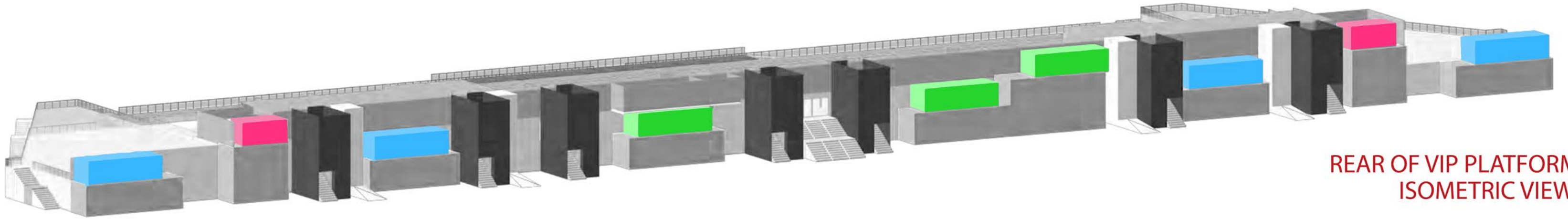
## VIP ABLUTIONS

All Events Services supplied and installed a total of 9 VIP toilet cabins, from AES's new VIP WC 2021 range, on the Jeddah F1 ARC VIP platform.

With a combination of 40ft and 20ft cabins, and accessible toilets, a total of 113 individual WCs were supplied.

Installed on scaffold platforms at the rear of the VIP decks, the units were integrated so that the guests were able to access from inside the platform on levels 3 & 4.

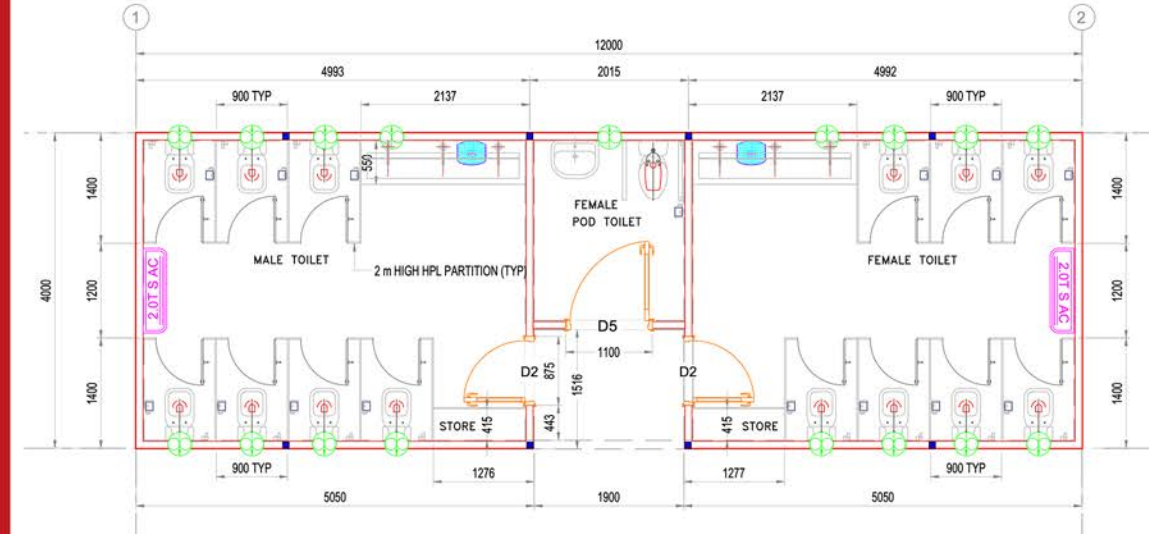
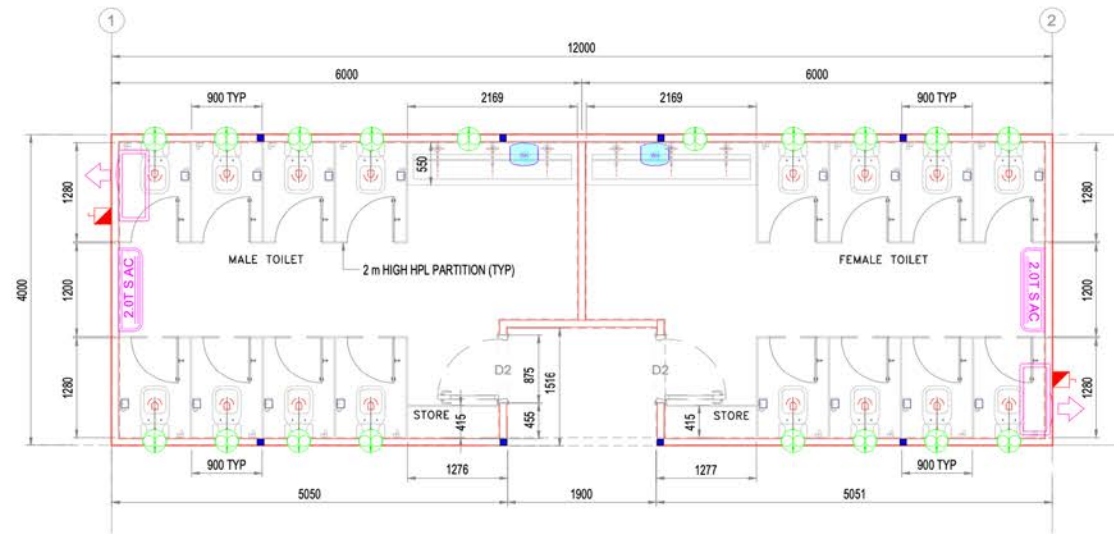
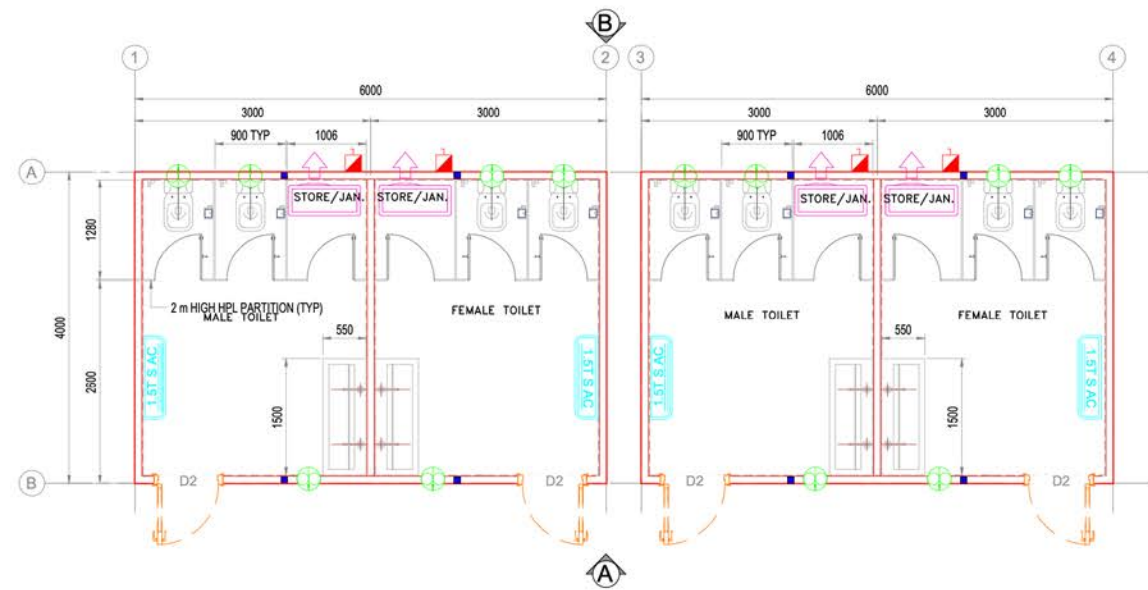




## ROYAL SUITE ABLUTIONS - 20ft

## VVIP ABLUTION - 40ft

## VVIP ABLUTION - 40ft POD





ALL  
EVENTS  
SERVICES

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