COX GOMYL
PART OF ALIMAK GROUP

Case Study
Hard Rock Casino, Florida

A complete facade access solution for a unique guitar shaped building

Facts & Figures

Commencement	2017
Completion	2019
Building Height	140m
Floor Count	36
No. of BMUs	3
Outreach	36m
Building Type	Commercial

The new landmark Hard Rock Hotel and Casino in Florida required the experience and expertise of the CoxGomyl team to develop a comprehensive facade access solution for a building of considerable size and remarkably unique building geography.

The centrepiece of the ambitious design by architects KPJWA is a tower which takes the form of a huge guitar, reflecting the brand of Hard Rock Café on an unprecedented scale. With a facade made up of blue glass windows, effective building access solutions will be all-important to the success of the whole enterprise, in terms of both the views from within the hotel rooms and leisure facilities, and in terms of maintaining the outward appearance of the iconic guitar shaped tower.

The client therefore required an access solution capable of delivering 100% coverage of the complex building geography while avoiding any overly intrusive visual impact on the bold aesthetic, all with cost-effectiveness as a key concern.

The comprehensive building access solution CoxGomyl developed utilises three Building Maintenance Units. One BMU at roof level required a particularly complex track system and was designed to be parked in a visually unobtrusive position with the addition of a shunt car. A second BMU is located on level 31 at the shoulder of the guitar shape, while a monorail system with a self-powered platform provides practical access to areas from level seven and below.

The comprehensive access system is completed with a number of abseil anchor points on the architectural features which form the ‘strings’ of the guitar.

With a combination of high quality design, engineering and problem solving ability, the CoxGomyl team are able to rise to the access challenges presented by unique architectural forms while also working with our clients to deliver the most practical and cost-effective solutions.

For more information:
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