

Hyperscale Data Centre (24MW approximately)

Mumbai Metropolitan Region

CLIENT	: One of the top 10 companies in Fortune Global 500 list (2019), and one of the top 10 Digital Companies by Forbes
SCOPE	: Master planning, Architecture and Interior Design
PROGRAM	: Hyperscale Data Centre of 24MW approximately
PLOT AREA	: 2.5 acres
BUILT-UP AREA	: 2,00,000 Sq. Ft.
STATUS	: Under Construction (Nearing Completion)

The challenge here was to accommodate a 24MW Data Centre within the 2.5 acre heavily contoured plot.

One of the first Data Centre facilities of the client in this region, this was more like a test bed of sorts to look at ways to incorporate its global standard design approach within the provisions of the Local codes and construction practices. The process involved careful study of each provision or requirement of the standard design and look at ways to incorporate the same with minimal dilution or deviation. The goal to keep costs under check at all times, meant having to identify locally manufactured or available equivalents of products in the designs. The multi-storey DC block had floor heights of 8m each to cater to the mechanical requirements. The floor slabs of the Data Hall areas were designed to cater to a load of 2000kgs.

