



## CANTILEVERED STEEL BEAMS



High density housing in KZN is on the rise. To make the buildings look more interesting the architect designs cantilever walkways. This approach makes the slab design expensive. All the projects shown here have walkways which appear to be cantilevered, but in reality Echo used cantilevered steel beams to support the hollow-core slabs.

Echo Prestress is a one way spanning slab. That means the slab can only cantilever in the span direction and a maximum of 8 times the depth of the slab, if there is a light weight balustrade specified. This method usually results in a thicker slab depth at a higher price therefore the slab spanning onto a cantilever beam is the most economical solution.

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