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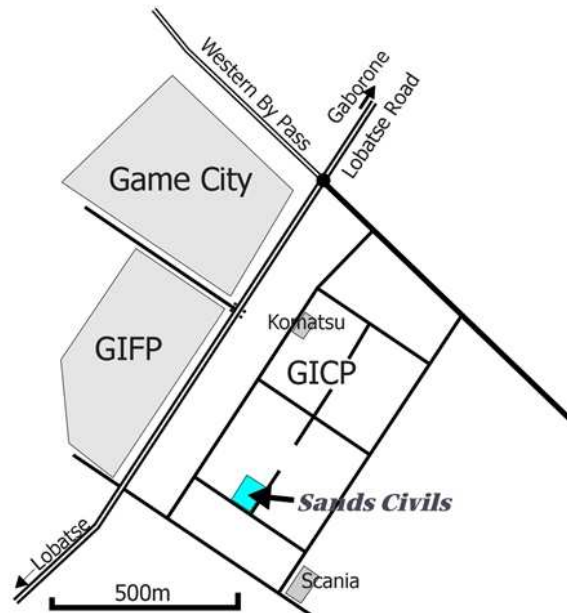
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Light steel frame building in Botswana is one of the most exciting developments in the building industry. This method of building has been used in the US, Europe and Australia for decades but has only recently been introduced here. It offers quality, cost efficiency and speed of erection for low-rise and double storey residential and non-residential buildings. Many of the hotels currently under construction in South Africa to cater for the 2010 world cup are being built with this system.



What is Light Steel Frame Building ?

Light steel frame building consists of structural wall frames and roof trusses, manufactured from cold-formed light gauge galvanized steel sections.



Exterior finish is insulation board fixed to the wall frames and finished with Weber Base Coat, a cement-based, fibre-reinforced base plaster that is used in conjunction with Weber Glass Mesh. It must be covered with a finishing plaster or paint applied by trowel or machine sprayed.



Services - electricity and plumbing - are installed in the wall cavity created by the light steel frames. Gypsum board, fixed to the light steel frame, is used for internal wall cladding.



Ceilings can be gypsum board fixed to the steel frame or suspended acoustic panels .



Advantages of Light Steel Frame Building

Light steel frame building offers a wide range of benefits when compared with conventional building or other framing materials, in terms of quality, cost, durability and speed.



Reduced wastage, lower logistical costs and reduced time of construction could offer cost savings of 20% or more.



Projects Completed

The project shown here is a commercial development on Gaborone International Commerce Park.



Another project completed recently is a housing unit for Botswana Defence Force.

