

# PROJECT REPORT DESIGN A GLASS BUILDING FOR COMMERCIAL PLANTING OF CACTUS

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## ABSTRACT

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On behalf of the project title 'Project Report Design A Glass Building For Commercial Planting Of Cactus', the objective of the project is to design a steel design single storey of glass building which is located at a 30m x 62m rolling terrain in winter season country.

From the abstract of the project title 'Design a glass building using BS Code 5950 and BS Code 8110 for the slab and foundation. Inside the glass building provided several burned tube to country the temperate inside the glass building.

Firstly, the project has been worked out with architectural design, which involves the layout of the structure. The external and the internal appearance of the glass building are shown in the architectural drawing in the report.

Next, I have proceeded with the structural design of the glass building. The glass building itself is mainly a steel design structure based on British Standard Code (BS Code) 5950 and foundation and slab is a reinforced concrete structure based on BS Code 8110. The design was started with slab, ground beam, roof, beam, column and finally foundation. The outcomes of the structural design are the structural key plans and the detailing of structure, which I have attached to the Body of this report.