

Planning, Analysing and Designing A (G+1) Bank Building

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Abstract: *The primary goal of this project is to develop adequate knowledge of building planning, analysis and design. The Business building plan is drafted using Auto CAD by considering the norms of NBC (National Building Code). The structure is analyzed using STAADPro. Based on the analysis and results the structural members are designed. The structural elements in the building is strong and able to withstand the adverse effects of natural agencies. The locker room is secured with strong walls compared to the other walls for safety purpose. The building planned is based on National Building Code of India. The bank building has proper ventilation, it is given with sufficient doors, windows, water supply and electrification.*

Keywords: Building planning, analysing, designing, AutoCAD, STAAD Pro

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