

PLANNING AND DESIGN OF A SECONDARY SCHOOL BUILDING

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ABSTRACT

The main designs for this building are the structural members of slabs, beams, columns, foundations, staircase and parapet. The forces from slabs transmitted to beams, then to the columns and finally to the foundation and all the forces from the building are transfer to the ground safely. Therefore, I will start to design slabs first, then parapet, staircase, beams, columns and finally foundations.