

ABSTRACT

ANALYSIS CALCULATION OF BEAM STRUCTURE IN CONSTRUCTION PROJECT DEVELOPMENT OF MITRA JUNCTION

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The purpose of practical work is to analyze and engineer the strength of the beam structure in supporting the load resulting from both the construction load and the post-construction load working on the building. The methods to be carried out in this practical work are observation, interview, design and simulation.

The location of this practical work is one of the construction projects in the Batam Center area, the author will learn and observe directly the work in the construction world. The practical work time is for 3 months.

The benefits of this practical work is that it can provide new knowledge and experience to the author about the system of work on the project and is also expected to add insight and motivation to be more active in the world of construction. The author will observe and analyze the beam structure in the construction of junction partner shop houses.

Keywords: structure, beam, construct