ABSTRACT

FLOOR PLATE STRUCTURE ANALYSIS AT THE GRAND MALL BATAM CONSTRUCTION PROJECT

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The internship program has purpose to give the experiences for author to understand the method and system of project work at workplace. This internship is also a form of knowledge application in ongoing project. The internship is part of compulsory courses as terms to graduate Bachelor's Degree Program. As a mean of applying the obtained knowledge during the lecture process.

PT. Rezeki Putra Riau building project will be used as a shopping center building that consits of sundry rooms and parking area. The intent of this internship is to analyze and engineering the strength and carrying capacity of concrete slabs in the basement floor of the building.

Through the calculation and structure analysis had done by author, based on SNI 2847-2013 and Peraturan Pembebanan Untuk Gedung Indonesia 1987, the carrying capacity of designed floor plate structure fulfill the burden of working on the building.

Keyword: *Analysis, Floor Plate Structure, PPUIG 1987, Project*.

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