

ABSTRACT

ANALYSIS AND IMPLEMENTATION OF 2 FLOOR BUILDING BEAMS IN PARAGON HILL PROJECTS

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The implementation of this internship aims to provide experience for the author in knowledge of the methods of implementing works in project. This internship also provides an opportunity for the author to analyze and compare the results of the author's calculation in accordance with SNI standards with the site plan of the beam structure in the Paragon Hill Housing Development Project. Therefore, the calculation must be correct and detail to avoid the occurrence of structural failure that causes death.

The data collection stage during the implementation of internship uses the methods of observation, interview, descriptive and instruments to get the right data from the project leaders, field supervisors and other workers. Information from data collection can provide the writer with the stages, procedures and steps implementation process of the project.

Based on the calculation in accordance with SNI 03-2847-2002, the author concluded that the beam structure of the 2-storey building that was carried out in the Paragon Hill Housing Development Project can withstand the loads that occurs in the beam.

Keywords: beam structure, analysis, project, SNI