

ABSTRACT

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Vasanta Innopark Apartment Development Project. Shear Wall Work Method and Calculation of Shear Wall 5 Tower A 7th Floor.

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Practical work is an important step to get to know the world of work, especially in the field of project implementation. Practical work other than intended to compare theories in college with real conditions in the field, is also intended for students to have a communication relationship with the project community. Practice work has the purpose of providing practical experience in the field regarding the field of Civil Engineering both managerial and construction in the field so that they can understand, understand and experience visually the work in the Civil Engineering field, knowing the organizational structure and tasks of a project management in its implementation and its specific purpose is knowing the method of implementing shear wall work and calculating the need for shear wall casting precisely on the shear wall 5 7th floor on the construction project of Vasanta Innopark Apartment located on Kalimantan street Blok D, MM2100 Industrial Estate, Gandamekar Village, West Cikarang, Bekasi. The method in carrying out the shear wall work itself, starting from marking axes, fabricating reinforcement, reinforcing reinforcement, manufacturing formwork, casting, formwork removal and then ending by curing shear wall. Reinforcement used for shear wall is D25 and D13 for bending reinforcement, reinforcement D10 and D13 for stirrup reinforcement, and reinforcement D10 and D13 for unilateral reinforcement. Shear wall casting volume reinforcement is 9,682 m³

Keywords: Method, Volume, Shear Wall