

ABSTRACT

Sayid Nauval Assiry, 16316882

The Project of Development Cibubur Transpark. Method of Installing the Precast Wall Panel and Calculation of Brick Pair on Tower C, 10th Floor

Departemen of Civil Engineering. Faculty of Civil and Planning.

Gunadarma University

(XIV+84+Attachment)

Transpark Cibubur Development Project is located on the alternative road Cibubur No. 230, Harjamukti, Cimanggis, Depok. This project was built on a land covering $\pm 40100 \text{ m}^2$. Transpark Cibubur development project is also the first superblock in Cibubur where Trans studio mall, 3-star hotel, and three apartments tower are located in the same area. The Project is owned by PT. Trans Cibubur Property cooperated with PT Wika Gedung as contractor and PT Jaya CM as a supervisor. The type of contract for this project is Lump sum Fixed Price, which has a contract value up to IDR 810.000.000.000, with an implementation period of 605 days and maintenance period of 365 days. The walls on this project use 2 types, namely for the outer wall using Precast while for the inner wall using a pair of brick or hebel with a size of 60×20 . The method of implementation carried out on the work of installing Precast walls includes Marking Floor to Floor, installation of Precast walls, and Backrod and Sealant gold in the gap between Precast. For the inner walls that use bricks, the total net area of a pair of bricks in AS 4-6 / E-H is 286.9404 m^2 with a total of 240 brick pairs needed

Keyword : Method, Column, Needs