

ABSTRACT

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Family Entertainment Center Senayan project

The Method Of Implementing Column Work And The Calculation Of The Concrete Volume Of The Semi Basement Floor Column As 31B.

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(xiv + 66 + attachment)

Gatot Subroto road corridor, Central Jakarta known as a business region, office affairs and shopping center or mall. It connected with tolls in the city of Jakarta, Jakarta MRT track and Commuter Line. This area is in great demand for investment and one of the fastest growing region in Jakarta. Based on the background, PT. Ario Bimo Laguna Perkasa make a *Family Entertainment Center* Senayan project at Gerbang Pemuda street, Senayan, Central of Jakarta. Multilevel building components can not separated from column, beams and floor plates. The spesific problem is work implementation method and volume calculation of column moulding. The method of column implementation begins from As column determination, reinforced column manufacture, reinforced column installation, column formwok installation, column formwork release and maintenance column. The conducted calculation is in

The conducted calculation is to calculate casting volume requirement, then to calculate total volume, main reinforcement and cross bar. Based on the calculation casting volume requirement is 4,580 m³.

Keyword: Implementation methode, column, reinforcement, cross bar, casting volume.