

ABSTRACT

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Republic of Indonesia's Attorney General's Office's Main Building Project.

Specific Issues: Implementation Techniques and Concrete Volume Calculations for Floor Plates 19 Zone 1 Axles 2-4/E-H

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(xiv+88+Attachment)

The Republic of Indonesia's Attorney General's Office's Main Building Project at jalan Sultan Hasanuddin No.1, Kebayoran Baru, Jakarta Selatan, DKI Jakarta. This building was built on a land area of 10,571 m², with building area of 43,669 m², and height building 106,96 m totalling 3 towers. Attorney General Republic of Indonesia as Owner, PT. Virama Karya as a consultant, and PT. Pembangunan Perumahan (Persero) Tbk as the main contractor in this project. The type of contract used is Lumpsum with a contract value of Rp. 549.608.886.200,00. This project has an implementation period of 540 days starting from 25 June 2021 and is planned to end on 17 December 2022 and a maintenance period of 190 days starting from 19 December 2021 and is planned to end on 15 June 2023. The Office of the Attorney General of the Republic of Indonesia headed by the Attorney General is an authorized executive and judicial body elected and directly accountable to the President of the Republic of Indonesia. The floor slab is a floor which is a barrier between one level and another in a building, the plate will withstand the load and will be channeled to a vertical frame structure such as a column. implementation method of the floor slab work includes the work of determining elevation, installing scaffolding, installing formwork, ironing work, checking reinforcement, casting work, dismantling formwork, and maintenance. The volume of concrete floor slabs must be calculated in order to determine the amount of ready mix concrete that must be ordered. In the Construction Project of the Main Building of the Attorney General's Office of the Republic of Indonesia, the required volume of floor slabs for floor 19 zone 1 As 2-4/ E-H is 22.527 m³ or equivalent to ± 4 mixer trucks with a capacity of 7 m³.

Keywords: Floor Slabs, Implementation Method, Concrete Volume