

ABSTRACT

Mayang Pratwi, 14318044

The Apartement Sky House Alam Sutera Project, Implementation Method and Calculation of Slab Concrete on 31th Floor Zone 2 As A6-A7 Line AC-AJ

*Department of Civil Engineering. Faculty of Civil Engineering and Planning
Gunadarma University*

(XV+87+Attachment)

The Apartement Sky House Alam Sutera Project is located on Sutera Boulevard Line Street No.45, Alam Sutera Tangerang No.5320, Kunciran, Pinang, Tangerang, Banten. The building is built on an area of 25.000 m², with a building area of 33.052 m². The Tower A2 has 38 floors with 1 basement and 1 roof. PT Risland Sutera Property as the owner, PT. Dacrea as construction management, and PT. Totalindo Eka Persada as the main contractor. The contract that used is a lump sum with a contract value of IDR 192.500.000.000,00. The Apartement Sky House Alam Sutera Project is planned for 27 months with a maintenance time of 12 months. Observations made in the form of upperstructure work which included column, shearwall, beam, floor slabs, and stairs. The method of implementing slab work is preparation, marking area, setting up formwork, elevation check, reinforcement slab, reinforcement check, cleaning area, casting concrete, maintenance concrete, and formwork dismantling. The volume requirement for slab concrete on 31th floor Zone 2 is 19,880 m³ and need 4 TM with a capacity of 6 m.

Keywords: Slab, Method, Concrete Volume