

ABSTRACT

Bunga Afosma Amalia, 11318472

*Campus Development Project F8 Building 4 Gunadarma University.
Method of Implementation and Calculation of Concrete Volume Floor plate on Basement
Floor Zone 1.*

*Departement of Civil Engineering. Faculty of Civil Engineering and Planning
Gunadarma University
(xvi+70+Appendix)*

Campus Development Project F8 Building 4 Gunadarma University, located on Jl. Komp. RTM, Tugu, Cimanggis Subdistrict, Depok City, West Java Province. This building consists of 6 buildings where buildings 1 and 2 have been completed. This building has a building area of 5,977.73 m² consisting of 9 floors with a building height of 34.45 m. The owner of campus development project F8 Building 4 Of Gunadarma University is the Gunadarma University Education Foundation and the main contractor on campus building project F8 Building 4 Gunadarma University is Gunadarma University. The type of contract used is a Unit Price Contract. In campus construction project F8 Building 4 Gunadarma University there is a lower structure work that observed pile cap work and retaining wall work and upper structure work observed column work, beam work and plate work. In campus development project F8 Building 4 Gunadarma University uses conventional methods, including marking, plate formisting work, plate repair work, bone checklist, cleaning of foundry area, casting, maintenance, and demolition of the backrification. The total need for ready mix concrete on zone 1 basement floor plates is 59,914 m².

Keywords: Floor Plate, Concrete Volume, Gunadarma University