

ABSTRACT

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Development Construction Project of Kemang Sythesis Residence Apartment Building. STP's (Sewage Treatment Plant) Wall Construction Method.

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(XIII+57+Attachment)

Development construction project of Kemang Sythesis Residence Apartment building that located on Ampere Raya street no. 1A. East Cilandak, South Jakarta. This building was built on $\pm 20.147,14 \text{ m}^2$ of land area, it have 3 towers in it that consist with 33 floors and 4 basements. PT.Synthesis Kreasi Bersama is the owner of the project along with PT.Nusa Raya Cipta as a main contractor. Lump Sump Fix Price as a contract with amount Rp. 1.900.000.000,-. In this development, all of the waste that coming from resident would be treated with STP (Sewage Treatment Plant) installation that located on basement 3 until basement 1. STP should avoid leaked because the waster that it treated is having bad smell, so the contractor (PT.Nusa Raya Cipta) required to build STP's wall that can resist water using integral casting method, stop casting method, and water stop method.

Keywords: Construction Method, Sewage Treatment Plant, STP.