

ABSTRACT

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IMPLEMENTATION METHOD OF THE FASAD STEEL STRUCTURE AND CROWN ON THE MARITIME TOWER, NORTH JAKARTA

The professional work subject is a mandatory subject for every major as one of the graduation conditions of Pembangunan Jaya University. In this subject, students are required to directly enter the professional work environment in order to collect information, insights, as well as experiences that are not obtained during lectures. Practice would definitely develop ability and self-quality in the professional world through this construction project.

Maritime Tower project is an iconic building located in North of Jakarta. It is made up of 2 buildings consist of podium and tower. Maritime Tower is performed as a public maritime and harbor service. Scope of the discussion focuses on the working method of the fasad steel structure and crown in the tower area. Implementation method started from manufacturing to material testing. The difficulties we encountered during the process are general and technical, while the general difficulty is caused by Covid-19. The technical difficulty is caused by an inconsistency between the base plate holes of the steel fins with the measurements that was installed beforehand.

Keywords : Maritime Tower, Implementation Method, Steel Structure, Fasad