

ABSTRACT

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PLANNING AND DESIGN OF ELEVATORS AND ESCALATORS IN HIGH RISE BUILDINGS

Technological advancements in the modern era have greatly influenced the increasing demand for the construction of high-rise buildings, especially in business hubs like Jakarta. In this context, the use of elevators and escalators plays a vital role as vertical transportation infrastructure that supports efficient mobility within tall buildings. The construction of such buildings requires both planners and executors throughout the process. The series of activities in this Professional Work program aims to apply the theoretical knowledge gained during the academic studies into the industrial field. During the Professional Work period, the intern focused on the technical design process of elevators and escalators for several projects, such as the modernization of elevators at Marina Towers Condominium, escalators at the JAC Jatibaru building, and elevators at Bintaro Plaza Residence – Tower Creativo. This work experience provided a deeper understanding of the construction industry's dynamics, technical skills, project management, and professional interactions in a real-world work environment. The outcomes of this Professional Work program help to strengthen the intern's competence in architecture and equip them with the necessary skills to face the real-world job market.

Keywords: *internship, architecture, elevator, escalator, vertical transportation.*