SUPERSTRUCTURE DESIGN WITH COST MANAGEMENT OF MEETING, INCENTIVE, CONVENTION, AND EXHIBITION BUILDING IN TANGERANG

PT. DAVY SUKAMTA AND PARTNERS

Final Project and Internship Report

As one of the requirements to obtain a Bachelor's Degree from Universitas Atma Jaya Yogyakarta

By:

CLAUDIA DASHINTA 201318045

INTERNATIONAL OF CIVIL ENGINEERING PROGRAM
FACULTY OF ENGINEERING
UNIVERSITAS ATMA JAYA YOGYAKARTA
2023/2023

ABSTRACT

Building infrastructure development is a construction process that includes planning, designing, constructing, and maintaining buildings that serve various functions in the community. In real life, infrastructure development is critical to economic development, community well-being, and regional development. Because of that, Universitas Atma Jaya Yogyakarta make a requirements for their students to achieve bachelor's degree of Civil Engineering Study Program. The final project infrastructure report is given with intention of producing capable undergraduate graduates who can develop infrastructure in the field of civil engineering and as the culmination of the knowledge acquired and studied during the lecture process.

In this study, author design and estimating the Meeting, Incentive, Convention and Exhibition Building in Tangerang that designed by PT. Davy Sukamta and Partners. The Convention and Exhibition Centre has four stories: the first floor, which serves as the parking area, the second floor as the main hall, the mezzanine floor, and the third floor. This plan includes supper structure planning as well as construction management by breaking down the cost analysis.

The reinforcements design of this building is also given as author's assignment during her internship in PT. Davy Sukamta and Partners. So that, to fulfill the final project requirements, besides design the reinforcements of superstructure, author also estimates the construction.

Keyword: *Convention, Exhibition, Upper Structure, Construction Management*

STATEMENT PAGE

Signed on this below,

Name : Claudia Dashinta

Student number : 201318045

Truly declare that the Final Project with the title:

SUPERSTRUCTURE DESIGN WITH COST MANAGEMENT OF MEETING, INCENTIVE, CONVENTION, AND EXHIBITION BUILDING IN TANGERANG

is an original work and is not the result of plagiarism in the same proportion.

I make this statement as a complement to this Final Project document.

Thus, I have made this statement as a complement to this Final Project document.

Yogyakarta, January 22, 2024

Author

VALIDATION PAGE

Final Project Report

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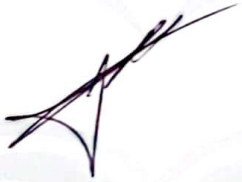

(Ir. Johan Ardianto, S.T, M.Eng)

Confirmed by:
Head of Civil Engineering Program

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VALIDATION PAGE

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PREFACE

Through conveying gratitude to The Almighty God for his kindness and generosity, I can complete an acceptable Final Design Project report that satisfies the requirements of the Faculty of Engineering, Civil Engineering Study Program, Atma Jaya University Yogyakarta.

On this occasion i would like to thank:

1. God Almighty, because of His blessing and grace, I am able to complete the final project report.
2. Universitas Atma Jaya Yogyakarta who has provide facilities learning to educate author.
3. .PT. Davy Sukamta and Partners for giving author the opportunity to do internships and learn many things
4. Mrs. Suryani, Kak Hilarrio, and all engineers from PT. Davy Sukamta and Partners who has helped author in preparing the report
5. 5.Mr. Didit Gunawan Prasetyo Jati, S.Kom, MS, as the internship supervisor who also had a huge contribution during the preparation of the final assignment report
6. Mr. Johan Ardianto S.T M.Eng, as the lecturer who guide the author during the final project.
7. My parents and friend who has provided moral and financial supports.

The authors sincerely hope for reader feedback and suggestions on this report. It's still far from perfect and could be much better. The authors hope that the outcomes of this report will be helpful to readers and colleagues.

Jakarta, 2024

Author

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