**CE 3000 (Integrated Design Project)**

**“DESIGN OF AN EIGHT STORIED RCC RESIDENTIAL BUILDING”**

**Submitted by**

Student Name-1

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**BACHELOR OF SCIENCE IN CIVIL ENGINEERING**



Department of Civil Engineering

Bangladesh Army University of Engineering and Technology (BAUET)

Qadirabad Cantonment, Natore-6431, Bangladesh.

Month, Year (month and year of IDP defence)

**CE 3000 (Integrated Design Project)**

**“DESIGN OF AN EIGHT STORIED RCC RESIDENTIAL BUILDING”**

This IDP paper is submitted to the Department of Civil Engineering of Bangladesh Army University of Engineering & Technology (BAUET), in partial fulfillment of the requirements for the degree of Bachelor of Science in Civil Engineering.

**Submitted by**

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Qadirabad Cantonment, Natore-6431, Bangladesh.

Month, Year

(month and year of IDP defence)

# student’s DeclAration

I/We hereby declare that this IDP is my/our original work and it has been written by us entirely. To the best of my/our knowledge and belief, the IDP contains no materials previously published or written by another person, or have been accepted for the award of any other degree or diploma at any other educational institution or at Bangladesh Army University of Engineering and Technology (BAUET), except where due reference is cited. Furthermore, the IDP complies with ACADEMIC INTEGRITY regulation of the Department of Civil Engineering, BAUET.

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#  SUPERVISOR’S APPROVAL

This is to certify that the IDP titled “**DESIGN OF AN EIGHT STORIED RCC RESIDENTIAL BUILDING**” have carried out by Student-1 (Full ID), Student-2 (Full ID) and Student-3 (Full ID) under my supervision and that they have fulfilled the requirements for the degree of Bachelor of Science in Civil Engineering on Month, Year.

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# ACKNOWLEDGEMENT

Sample -01:

First and foremost, the authors would like to express their gratitude to the Supreme Being, without whose blessings this project/thesis would not have been possible. The authors express their sincere appreciation and deepest gratitude to their respected supervisor ***SUPERVISOR’S NAME,*** Designation, Department of Civil Engineering, Bangladesh Army University of Engineering & Technology (BAUET), for his guidance, constant encouragement, expertise and assistance throughout the course of this project/thesis.

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**(Contents of writing can be changed**.)

# EXECUTIVE SUMMARY

[Executive summary paragraphs should be unintended. Executive summary are limited to 500 words. Executive summary text must fit on a single page. Keywords may also appear on the same page. Your choice of paragraph style for text on this page]

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Figure 2.1: mma 2

Figure 2.2: MMA 2

# LIST OF TABLES

Table 3.1: Properties of Soils Used in this Investigation for both piles. 3

#  LIST OF Abbreviation

ASTM: American Society for Testing and Materials

SSD: Saturated Surface Dry

RCA: Recycled Coarse Aggregates

# LIST OF Symbols

P(t): Depth of precipitation of time

P: Total depth of precipitation

∆τ: Time based

H: Height of triangle

I: Rainfall Intensity

%: Percentage

# ****CHAPTER 1: INTRODUCTION****

Purpose and Objectives of the project should be summarized here.

1.

## Objectives

The main objectives are listed below:

# CHAPTER 2: EOI (Expression of interest)

## heading 1

PPR 2008 format should be added from internet.

### Heading 2

The closer view of fly ash particles has been shown in figure 2.1.



Figure 2.1: mma

### Heading 2

Figure 2.2: MMA

# CHAPTER 3: surveying

## site location

This chapter contains the detail description of the following information in paragraph format including the following table…

|  |  |
| --- | --- |
| Mouza map |  |
| JL no. |  |
| Plot no. |  |
| Kha no. |  |
| Pro-kha |  |
| Holding no. |  |
| Thana |  |
| District |  |
| Division |  |

## reconnaissance survey

## Mouza map

## Survey report

### Heading 2

The soft silty clay was modelled with the parameters as shown in Table 3.1.

Table 3.1: Properties of Soils Used in this Investigation for both piles.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |

# Chapter 4: sub-soil investigation

In this section, you have to attach proper soil report.

# CHAPTER 5: eia (environmental impact assessment)

## heading 1

Follow ECR – 2023.

### Heading 2

# CHAPTER 6: Drawing

## architectural Drawing

This section should contain proper architectural drawing of your project.

## Structural drawing

This section should contain proper structural drawing of your project.

## Plumbing

## Electrical Layout plan

# Chapter 7: BOq (bill of quantities)

Should follow PWD rate schedule.

## Civil work

## Plumbing and Electrical work

# Chapter 8: Tender document

## Tender notice

Sample: 01

|  |
| --- |
|  |

## Tender schedule

### Section-01

### Section-02

# appendix A

An Example of an Appendix

Appendices should be used for supplemental information that does not form part of the main IDP. Remember that figures and tables in appendices should not be listed in the List of Figures or List of Tables. Refer to the IDP Template Instructions for more information.

# appendix b

An Example of an Appendix

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