

**A PROJECT REPORT
ON
PROPOSED CAC AREA HEADQUARTER
FOR
PASTOR E.O. ODEJOBI GENERAL SUPERINTENDENT CAC**

**BY
OLORUNLAIYE DEMILADE
HND/23/ARC/FT/0014**

**SUBMITTED TO
DEPARTMENT OF ARCHITECTURAL TECHNOLOGY, INSTITUTE OF
ENVIRONMENT STUDIES, KWARA STATE POLYTECHNIC, ILORIN**

**BEING A DISSERTATION SUBMITTED TO THE DEPARTMENT OF
ARCHITECTURAL TECHNOLOGY, INSTITUTE OF ENVIRONMENTAL STUDIES
(IES), KWARA STATE POLYTECHNIC, ILORIN**

**IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR THE AWARD OF
HIGHER NATIONAL DIPLOMA IN ARCHITECTURAL TECHNOLOGY KWARA
STATE POLYTECHNIC, ILORIN, KWARA STATE.**

JULY, 2025

DECLARATION

I declare that this project/dissertation are a product of my personal research work. It has not been presented for the award of any degree in any polytechnic. The ideas, observations, comments, suggestions herein represent my own convictions, except quotations, which has been acknowledged in accordance with conventional academic traditions.

Name: OLORUNLAIYE DEMILADE

Matric NO.: HND/22/ARC/FT/0014

Signature


Date

CERTIFICATION

This is to certify that this project report titled "CAC AREA HEADQUARTER" was carried out by **OLORUNLAIYE DEMILADE** with matriculation number **HND/23/ARC/FT/0014**. In fulfilment of the requirement for the award of Higher National Diploma in Architectural technology from the Department of Architectural Technology, Institute of Environmental Science Studies, Kwara State Polytechnic, Ilorin, Kwara State Nigeria.

ARC. FAMILUA O.S

Project Supervisor




28-07-25

Signature / Date

ARC. OLAREWAJU F.A

Project Coordinator



04/08/2025

Signature / Date

ARC. TOMORI J.M

Head of Department



6/8/2025

Signature / Date

EXTERNAL EXAMINER

Signature / Date

DEDICATION

I would like to dedicate this project to my family, who have been my constant source of love, support, and inspiration throughout my academic journey. Your unwavering encouragement and belief in me has been my greatest motivation your love and support have been the driving force behind my success.

To my lecturers and mentors, whose guidance and wisdom have shaped me into the person I am today. Your patience and dedication have been a great support and I can proudly say it is invaluable to me.

To my friends and classmates, who has been my rock throughout the ups and downs of school life, your camaraderie and support have made this journey enjoyable and memorable.

ACKNOWLEDGEMENTS

All glory honor and adoration to God Almighty, the way maker, my helper unto him be all the glory forever. Amen!!!

My sincere gratitude goes to my supervisor in person of ARC. SOLOMON FAMILUA for his constructive ideas, counsel, corrections and mentorship during struggle time in the process of accomplishing my project.

Also, my sincere appreciation goes to my Head of Department (HOD) in person of ARC. MRS. J. M. TOMORI for her motherly counsel, advice and effort for me to successfully accomplish my project in Architectural Technology Department.

Likewise, my sincere appreciation also goes to the project coordinator in person of ARC. OLAREWAJU, F. A. For his advice, support and fatherly counsel for me to successfully accomplish my project in Architectural Technology Department. And, my appreciation goes to all my lecturers and Non-teaching staffs in the department, I pray God Almighty will shower His blessing abundantly upon you and your entire families. May you always know peace. AMEN!!!

My sincere gratitude to my parent in person of Mr. and Mrs. OLORUNLAIYE, I can't thank you enough, thank you so much for your support, love and care. I pray you will live long to eat the fruit of your labour in good health and sound wealth. AMEN.

My appreciation also goes to my Sister, my Brother and Mr. TOSIN IBITOYE, Pas MOSES OLAREWAJU, Mr. KOLA OWONIMI, Mr. SAMUEL OLAJIDE, MR JOHNSON OLAJIDE and Mr. SEUN OLAJIDE for their financial and material supports during the actualization of my project, I really appreciate it. I pray God will continue to bless you people more and more. AMEN!!!

ABSTRACT

CAC Area Headquarter Building: A purpose-built facility that houses the administrative, executive, and spiritual leadership of Christ Apostolic Church in the regional axis. It serves as the central hub for decision-making, policy development, and communication with local churches, members, and the wider community. Chapter one of the project covers the historical background, introduction, definition, scope of the study, justification etc. while Chapter two covers the relevant/ related literature & the case study. Chapter three on the hand covers the fact about the proposed site for the project, which involves; brief history of Ilorin, the climatic consideration of the site, site location, Site description, site analysis, existing infrastructures, site selection criteria and site planning. Chapter four covers the project concept, analysis of scopes and brief, details of the drainage, expansion joint, steel roof details & space allocation etc. Chapter Five covers the design solution e.g. Acoustic, Ventilation, lighting, orientation, fire protection and control, services, landscape design, construction specification of materials finishes and maintenance. Chapter six covers project summary, conclusion and reference.

TABLE OF CONTENTS

Declaration	ii
Certification	iii
Dedication.....	iv
Acknowledgements.....	v
Abstract.....	vi
Table of Contents.....	vii

CHAPTER ONE

1.0 Introduction.....	1
1.1 Background of the Study.....	2
1.2 Statements of Design Problem.....	3
1.3 Aim and Objective of the Study.....	5
1.4 Justification of the Study.....	5
1.5 Background of the Client.....	8
1.5.1 Client's Background.....	8
1.5.2 Client's Philosophy.....	10
1.5.3 Operational Structure.....	11
1.5.4 Client's Goal.....	12
1.6 Scope of the Project.....	13
1.7 Limitation of the Project.....	14
1.8 Research Methodology.....	15

CHAPTER TWO

2.0 Literature Review.....	18
2.1 Introduction.....	19
2.2 Definition.....	21
2.3 Historical Development of CAC Area Headquarter.....	22
2.4 CAC Area Headquarters in Nigeria.....	23

CHAPTER THREE

3.0	Case Study.....	25
3.1	Case Study One.....	25
3.2	Case Study Two.....	29
3.3	Case Study Three.....	33
3.4	Case Study Four.....	37
3.5	Case Study Five.....	38

CHAPTER FOUR

4.0	Design Proposal.....	39
4.1	Introduction.....	39
4.2	Site Location, Description and Criteria.....	40
4.2.1	Site Location Map.....	40
4.2.2	Site Selection Criteria.....	41
4.3	Site Characteristics.....	41
4.3.1	Soil Type.....	41
4.3.2	Vegetation.....	41
4.3.3	Topography.....	42
4.3.4	Drainage.....	43
4.3.5	Accessibility.....	45
4.4	Geographical and Climatic Data.....	45
4.5	Analysis of Immediate Environmental Conditions.....	47
4.6	Project analysis and Design Criteria.....	48
4.6.1	Project Goals.....	48
4.6.2	Functional and Spatial Criteria.....	49
4.6.3	Appraisal of Proposed Schemes in Space, Size and Relationship.....	50
4.6.4	Equipment and Operational Performance Requirement.....	52
4.6.5	Functional Relationships.....	54
4.6.6	Conceptual Development.....	54

4.7	Space Allocation	57
-----	------------------------	----

CHAPTER FIVE

5.0	Design Ideas and Concept at Different Levels of the Design Process.....	58
5.1	Technological and Environmental Criteria.....	59
5.2	Services Required.....	61
5.3	Performance Standard.....	62
5.3.1	Illegal Issues and Planning Regulations.....	62
5.4	Conclusion and Recommendation.....	64
5.4.1	Conclusion	64
5.4.2	Justification by Research Result.....	65
5.4.3	Recommendations for Future Research.....	67
	References.....	69
	Appendix.....	71