

**A STUDY OF NOISE CONTROL STRATEGIES IN THE DESIGN OF A
FILM AND TELEVISION HUB IN LAGOS, NIGERIA**

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**A DISSERTATION SUBMITTED TO THE SCHOOL OF
POSTGRADUATE STUDIES IN PARTIAL FULFILLMENT OF THE
REQUIREMENTS FOR THE AWARD OF MASTER OF SCIENCE
(M.Sc.) DEGREE IN ARCHITECTURE IN THE DEPARTMENT OF
ARCHITECTURE, COLLEGE OF SCIENCE AND TECHNOLOGY,
COVENANT UNIVERSITY OTA, OGUN STATE**

JULY 2023

ACCEPTANCE

This is to attest that this dissertation is accepted in partial fulfilment of the requirements of the award of the degree of Master of Science in Architecture in the Department of Architecture, College of Science and Technology, Covenant University, Ota, Nigeria.

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DECLARATION

I, DEDEKE, SHARON OGOOLUWAKIITAN (17CA022923), declare that this research was carried out by me under the supervision of Dr. Foluke O. Jegede of the Department of Architecture, College of Science and Technology, Ota, Nigeria. I attest that the dissertation has not been presented either wholly or partially for the award of any degree elsewhere. All sources of data and scholarly information used in this dissertation are duly acknowledged.

DEDEKE, SHARON OGOOLUWAKIITAN

Signature and Date

CERTIFICATION

This is to certify that this dissertation titled “**A STUDY OF NOISE CONTROL STRATEGIES IN THE DESIGN OF A FILM AND TELEVISION HUB IN LAGOS STATE**” is an original research work carried out by **DEDEKE, SHARON OGOOLUWAKIITAN (17CA022923)** in the Department of Architecture, College of Science and Technology, Covenant University, Ota, Ogun State, Nigeria under the supervision of Dr. Foluke O. Jegede. This dissertation has met the required standard for the award of Master of Science (M.Sc) in Architecture.

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DEDICATION

I dedicate this research work to the Almighty God and my loving parents, Prof. Gabriel, and Dr Olabisi Dedeke, who have supported and encouraged me throughout my studies. I also dedicate this work to all the academics and professionals who are dedicated to advancing the field of architecture for the benefit of humanity. Their tireless efforts and dedication inspire me to strive for excellence in my work.

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ABSTRACT

This study investigates noise control strategies in soundstages with a view to improving sound isolation in the design of a film and television studio. The study uses a mixed-method research design to examine the noise control strategies employed in these studios and their impact. Analysis of the questionnaire, thematic analysis of interviews with soundstage operators in four film studios and five television houses and a literature review was conducted. The findings reveal the utilization of various noise control strategies, including soundproofing measures, zoning, and space design, aimed at enhancing sound quality and optimizing recording conditions. The interviews demonstrate a positive association between effective noise control measures and enhanced productivity, with benefits such as improved focus, more accessible communication, time and resource savings, and reduced retakes. The study contributes to bridging the knowledge gap in the Nigerian film industry by emphasizing the importance of noise control practices in studio design and their relevance to production efficiency. However, it is essential to acknowledge that the study's scope was limited to soundstage operators in Lagos, suggesting the need for further research with a larger sample size and including studios from other regions to understand noise control strategies in Nigeria comprehensively. Additionally, future studies could incorporate quantitative research methods to complement the qualitative findings. By promoting effective noise control practices, this research aims to facilitate the growth and development of the Nigerian film industry.

Keywords: Sound isolation, Noise control strategies, Sustainable development, Film and television industry.