

**A PROPOSED DESIGN OF A MULTI-PURPOSE COVERED GYM OF NAPNAPAN SUR,
TIGBAUAN, ILOILO**

A Research Proposal

Presented to

The Faculty of the College of Engineering

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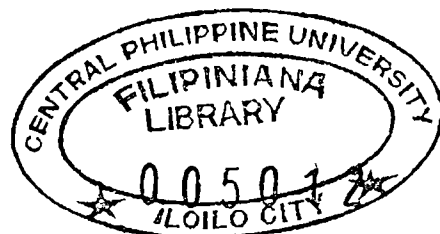
Bachelor of Science in Civil Engineering

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ABSTRACT

A Multi-Purpose Covered Gymnasium is one of the necessary establishments which should be present in certain barangays of a municipality. This study had been conducted in order to investigate the existing problems that need to be resolved and taken into consideration and to identify other features that can be implemented to improve the facilities. It is the state's proclaimed policy to protect people's rights to life, health, protection, and property, as well as to promote the general welfare of its citizens at all times, particularly during disasters and calamities. The proposed multi-purpose covered gymnasium aims to provide the people of Napnapan Sur, Tigbauan, Iloilo a safe and sound place for different activities such as sports, recreational activities, meetings and other different activities. The proposed project aims to provide the said community with a temporary shelter in times of calamities and disaster.

The study includes the new designs for stage, comfort room and roofing. It also includes the covered gymnasium's lighting and general facilities. The study in general deals with the design and construction scheme of the proposed multi-purpose covered gymnasium in Napnapan Sur, Tigbauan, Iloilo.

The construction of the proposed multi-purpose covered gymnasium does not include the demolition of the existing structure. The measurements and the materials used in the designs of the covered gymnasium were based on the new designs and specifications done by an architect and an engineer. The area covered is about 608 square meters. The stage includes two comfort rooms, one for male and one for female.