

UNIVERSITAS INTERNASIONAL BATAM

*Bachelor Thesis
Civil Engineering Degree Program
Odd Semester 2018/2019*

ANALYSIS OF COMPARISON OF CONCRETE STRUCTURE ON BUILDINGS USING SNI AND EUROCODE STANDARDS

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ABSTRACT

The thesis carried out by this author aims to find out and analyze the feasibility of concrete structures in the apartment building buildings planned by the author by comparing the SNI and Eurocode methods.

The Eurocode standard was chosen because a highly disciplined country such as Singapore on 1 April 2013 adopted the Eurocode standard by The Building and Construction Authority (BCA) and made the author want to compare SNI standards and Eurocode standards.

Planning this flats is made quite simple to compare the use of concrete structure reinforcement in flats using a concrete structure calculation program namely ETABS.

Keywords : *Concrete Structure, Eurocode, analysis*