

EXECUTIVE SUMMARY

THE DESIGNING OF RETAINING WALL AT UNIVERSITAS INTERNASIONAL BATAM

MAULIDYA YUSAR
NPM : 1611035

Retaining wall is a construction that is made to prevent sloppy soil from sliding or erosion. Retaining wall must be able to retain both active and passive soil pressures, loads, and moments around the building. A good retaining wall is the one that is resistance from the overturning, sliding and soil capability.

Retaining wall is classified by shapes, types and materials. Retaining wall is also supported by expertise theories such as Rankine, where it can be used as reference in calculating and designing.

Based on the analysis result of retaining wall calculation that is conducted at Universitas Internasional Batam, stated that the designed retaining wall is secure because it is resistance to soil shear and capability.

Keywords: construction, retaining wall, and stable.