

PARK LIFT SYSTEM DESIGN IN BASEMENT PARKING AT SPACE CONSTRAINT AREA

Prepared by: Aminath Nizar, Choong Jian Tung, Lou Sern Chern, Gan Yong Thay

ABSTRACT

This paper includes all explanation of the proposed system. It also includes detail information on the design of the structure of the park lift system and also the structure where this system is located for its function. All the required calculations, diagrams and explanation are included in the following pages detail.

Civil engineers and the mechanical engineers used manual calculation for all parts of calculations. This took a lot of time, though we wanted it to be accurately done, with careful guidance from our lecturers. Hence afterwards we transferred the work on to Microsoft word. The creations of this are purely done by the group members and are in no way a beach of copyright infringement.

The contents of this paper are all original work of the group members. All ideas were thought of by the group and all calculations were done by us.