

ABSTRACT

Title : Analisis Kebutuhan Ruang Parkir Mall Kota Kasablanka, Jakarta. Name : Era Rizki Dwi Selaras. NIM : 41114320017. Mentor : Muhammad Isradi, ST, MT. 2018.

The City of Jakarta is a capital city of Indonesia with population of 10,3 million people (BPS,2017). As well as Kota Kasablanka Mall located on South Jakarta which has population of approximately 2.185.711 people (BPS,2018). Kota Kasablanka Mall is one of the modern shopping centers located on Jalan Casablanca Kav. 88 with strategic location and in the center of the city. Kota Kasablanka Mall was built in the 2,2 hectare of Kota Kasablanka Superblock area. If the shopping center doesn't pay attention to adequate facilities, it'll have a bad impact, whether on traffic around the site or within the shopping center itself. To predict of parking requirements, an evaluation of the parking characteristics that includes parking volume, parking accumulation, parking duration, parking index, PTO and parking capacity are evaluated. The result of this study are parking volume on Friday, December 7, 2018 as many as 7909 and on Sunday, December 9, 2018 as many as 8224. The largest accumulation of parking on Friday, December 7, 2018 as many as 2095 at 17:00 – 18:00 and on Sunday, December 9, 2018 as many as 2231 at 17:00 – 18:00. The average duration of parking time is 3,3 hours so that it's included in the middle time parking. The biggest parking index on Friday, December 7, 2018 with a value of 1,008 and on Sunday, December 9, 2018 with a value of 1,073. This value indicates the need for parking exceeds the car parking space at Kota Kasablanka Mall. Parking Turn Over (PTO) on Friday, December 7, 2018 and on Sunday, December 9, 2018 as many as 4 vehicles/SRP/day. Car parking capacity on Friday, December 7, 2018 and on Sunday, December 9, 2018 as many as 630 vehicles/hour/day. Based on the characteristics of the parking lot, the parking space requirements on Friday, December 7, 2018 and on Sunday, December 9, 2018 at Kota Kasablanka Mall doesn't fulfill of parking requirements.

Keywords : *Parking Volume, Parking Accumulation, Parking Index, Parking Duration, Parking Turn Over, Parking Capacity, Mall Kota Kasablanka.*