SHOPPING CENTER PLANNING IN KEDUNG BARUK
DISTRICT, SURABAYA

Student : I Dewa Ayu Agung Amrita Wedaswari
NRP : 3211.111.006
Mentor : Ir. Harjono Sigit, BS, IAI
Dr. Ing. Ir. Bambang Soemardiono

ABSTRACT

Kedung Baruk is an area in Surabaya that trespassed with the main street (east ring MERR) that link South Surabaya with West Surabaya, there are many educational facilities and real estates in this area, but there’s one that not there, that is a business central for fulfill the need of the surrounding areas, business center mean by shopping center.

With so many potencial consumen (from the educational facilities and the real estates) in this area, so that entertaintment center as shopping center is really fit in this area, shopping center that need for time being is essential to the Green Living Lifestyle theme with implement it in the consumption of water with recycling the grey water, decreasing the consumption of electricirty by using natural lighting with daylight and also using of environmental friendly material that produced near the project location, but this mall still must have an economic value.

The implementation in saving water consumption in this mall is with recycling water from toilet, foodcourt kitchen and saving rain water, and those water will be placed one at the grey water treatment pool, in the rooftop of the mall, there are urban farmings, that use for supplying the need for foodcourt kitchen, so that the supply wont come from outside the mall, and able to reduce the energy consumption from delivery, to reduce the electrical consumption, transparent roof are used in the
long atrium, so that during the day, the sunlight can trespassed through the roof and shining the interior of the atrium.

Keywords : Mall, Green Living Lifestyle