

***Compact Living Space Mixed-Use Building
Student Housing & Shopping Center***

Abbey Gita Virginia Siahaan 24116134

Pembimbing 1 : Dr. Ir. Ismet Belgawan Harun, M.Sc

Pembimbing 2 : Adelia Enjelina Matondang, S.T, M.T.

ABSTRAK

Kebutuhan akan tempat tinggal dan tempat berekreasi merupakan salah satu kebutuhan yang akan meningkat seiring dengan perkembangan suatu daerah. Dalam proyek ini, Klien ingin membangun sebuah bangunan *Mixed-Use* yang menampung fungsi hunian apartemen dan fungsi komersial yaitu pusat perbelanjaan. Permintaan klien tersebut didasarkan pada tujuan utamanya yaitu sebagai investasi properti sehingga proyek ini dikategorikan sebagai proyek komersial. Lingkup pekerjaan yang akan dikerjakan hanya sampai pada perencanaan siteplan dan gambar prarancangan seluruh bangunan. Fungsi komersial dan hunian dipilih karena lokasi lahan milik klien dikelilingi permukiman dan dekat dengan kampus Institut Teknologi Sumatera. Desain dirancang pada tapak yang berlokasi di Jl. Airan Raya, Lampung Selatan. Proses pengerjaan rancangan dilakukan menggunakan pendekatan fungsional yang didasarkan pada kebutuhan penghuni apartemen sebagai pengguna prioritas sesuai dengan teori kebutuhan Maslow (*Maslow's theory of needs*). Perancangan desain bangunan *Mixed-Use* ini mengusung konsep *compact living space* karena luas lahan yang cukup minim tetapi dapat menampung dua fungsi besar, yaitu hunian dan pusat perbelanjaan, dengan fasilitas yang beragam. Fasilitas hunian dan komersial yang harus tersedia menyesuaikan permintaan klien dan kebutuhan penghuni diantaranya adalah fasilitas kolam renang, *co-working space*, *laundry*, *fitness center*, dan swalayan.

Kata kunci: *Mixed-Use*; Hunian; Komersial; Teori kebutuhan Maslow; *Compact living space*.

***Compact Living Space Mixed-Use Building
Student Housing & Shopping Center***

Abbey Gita Virginia Siahaan 24116134

Advisor 1 : Dr. Ir. Ismet Belgawan Harun, M.Sc

Advisor 2 : Adelia Enjelina Matondang, S.T, M.T.

ABSTRACT

The need for shelter and recreation is one of the needs that will increase along within a region development. In this project, the Client wants to build a Mixed-Use Building that accommodate two functions which is apartmen and shopping center. The client request is based on their interests for property investment, therefore this project is categorized as a commercial project. The scope of work that will be done in this project is only on site planning and building's preliminary design. Commercial and residential functions were chosen because the location of the project is surrounded with existing residential areas and really close from Institut Teknologi Sumatera. The project's site is take place on Airan Raya Street, South Lampung. The design process use functional approach based on the needs of apartment residents according to Maslow's theory of needs. Compact living space is chosen as the concept of this project. This concept is used by the reason of the total area of the site which quite minimal for Mixed-Use Building. Nevertheless, that small area of this project can accommodate two massive functions, residential and shopping center, with various facilities. Residential and commercial facilities that must be provided in this building is swimming pool, co-working space, laundry, fitness center, and groceries store.

Keywords: Mixed-Use; Residence; Commercial; Maslow theory of needs; Compact Living space.