

ABSTRACT

Andriyanto, Dedi. 2013. **Design of the passenger terminal at the port of Riau Islands regency Natuna**. Counselor is Aulia Fikriarini Muchlis, M.T and Aldrin Yusuf Firmansyah, M.T.

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Port is a public building that is often used as an area when people would use sea transport. function of the port itself is very important because the country Indonesia itself is an archipelago. Especially Natuna regency which is composed of the islands in the region. sea transport is still to be excellent for the people who will cross to the other islands located around the Natuna regency. Community activities in the port, especially at the port strain Lampa while waiting ship will dock would require a decent terminal to wait. while the problems faced is already has port but does not have the proper terminal.

Port terminals should be able to accommodate visitors both to services and also circulating that when the process of entry and exit of passengers the ship is not going to happen cross circulation. in addition to building users factors should also be able to overcome the problems that are in the vicinity of the site, especially extreme weather. strong wind and high waves can arise if it is entering the rainy season. use of materials and structures to be the main thing for coastal building that is material able to experience very rapid corrosion. therefore, this design uses hi-tech architecture theme that promotes the use of good technology for corrosion-resistant material and structure that can cope with the weather loads, live loads and dead loads so that the building is really sturdy and durable.