

## ABSTRAK

---

*In this modern era, the influence of the internet is very large, where time and distance are no longer a limitation for obtaining information. Currently the internet can be used for various purposes, such as online learning, online shopping and doing office work online. To support all of this, Telkom Indonesia provides paid cable internet services to people throughout Indonesia. On the other hand, PT. Fiberhome Technologies Indonesia is working to maximize the potential of optical fiber and provide benefits for people who have not been covered by fiber optic networks in several areas, thus requiring new development for several locations. In the design of this project create a new site design and network plan or FTTH using AutoCad applications to bring the benefits of technology to everyone.*