

Somchai Thiye 2009: A Proportion of an Appropriate Land Use for Intermediate Housing Development Projects in Klong Rangsit Zone: Case Study in the Area at Klong 6 and Klong 7. Master of Urban and Environmental Planning, Major Field: Urban and Environmental Planning, Department of Urban and Environmental Planning. Thesis Advisor: Assistant Professor Thitiwoot Chaisawateree, M.Arch. 110 pages.

This thesis has a purpose of a comparative study about the pattern of housing development project for requirement an appropriate proportion. This project has a specific character which differs from the other areas where it has a narrow frontage but the length is too long. It has only one main-street or two but its length is throughout the project area. The management of residential area and components are along the street. The selected project to be case studies locates in the area of an old community at Klong 6 and Klong 7. Three Projects in Klong Rangsit Zone have comparatively been studied by collecting data from field exploration, observation, community interview, data from concerned important documents. Those data has been analyzed for merit and demerit about the issue of housing development plan and also data of each side of the project.

The study found that the whole project has together problems concerning about transportation and street system which caused by too narrow frontage but too long proportion of the project. This caused several limitations which will effect to the other communities which has the same proportion including it might cause many own imperfect city developments in the future.

The suggestions in solutions of land management in the area of Klong Rangsit which has a narrow frontage but too long area should have measurement determinations. An appropriate proportion of the project should be managed both in width and length of the area which should not be over 1:17 respectively. In the measurement of law, this proportion should be added in the regulation of the land development of the Pathumthani's new volume which will be announced in the future.

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Thesis Advisor's signature