

Thesis Title Technology Assessment of Public Landscape
Gardening Design in Housing Projects

Name Chacharee Therapong

Degree Master of Science (Appropriate Technology for
Resources Development)

Thesis Supervisory Committee

Kasem Kulpradit, M.Sc.
Kampanad Bhaktikul, M.Sc.
Jirayupin Chantraprasong, M.Sc.

Date of Graduation 25 July B.E. 2540 (1997)

ABSTRACT

The purposes of this research were : (1) to study resource factors of public landscape gardening design in housing projects, (2) to assess the trend of appropriate public landscape gardening in housing projects and (3) to study appropriated public landscape gardening design in housing projects.

The data was collected from secondary source and, directly from an outstanding manager of 10 housing projects, academic expert in the field of gardening design and natural resources by surveying and questionnaires. Afterwards, appropriated natural resources that affect public landscape gardening were assessed. The outcome of

this study was brought to appropriated public landscape gardening design in housing projects in general.

From this method, it showed that the factors concerning appropriated landscape gardening design are minimum resources uses, economy cost in procurement and management, easy maintenance, nondestroyed source of resources and resources endurance. Thus, the most important factor is water consumption pattern of people concerned, which indicated their use and behavior.

According to landscape gardening design in housing project assessment, the result indicated that 50 %, 20 %, 20 % and 10% of housing project assessments were ranked mean, higher, lower and the lowest appropriation respectively.