

H O U S I N G B L O C K C O U R S E

University of Nairobi
Department of Architecture

Session 1978/79; Year 3; Term 2.
January 1979.

LECTURE COURSE

Lecture: 1.3.

Title : HOUSING LAYOUT DESIGN II.

Author : T.S. CHANA,
DIRECTOR,
HOUSING RESEARCH AND DEVELOPMENT UNIT,
UNIVERSITY OF NAIROBI.

Abstract: The paper outline aims to briefly highlight the major design factors (physical) and guidelines that need to be taken into account, and some possible skills and techniques essential for housing layout design at the site planning stage of housing development process.

H O U S I N G L A Y O U T D E S I G N I I

1. INTRODUCTION

This brief outline is a continuation of the outline titled Housing Layout Design I. The aim is to briefly highlight the major physical design factors and guidelines that need to be taken into account and some possible skills and techniques for housing layout design.

2. PHYSICAL FACTORS

The checklist outlined in the previous paper included the data collection on physical factors as part of the site analysis process. An example is presented in the next two sections of this paper showing the site context and the community context, where the information from the site analysis has been used to prepare the site plan for the community. It deals with the proposed land use profiles, density, community facilities, among other things.

This example is from a thesis submitted to the Urban Settlement Design in Developing Countries Programme at the Massachusetts Institute of Technology in 1974 (Dwelling and Land Models, Nairobi, Kenya - T.S. Chana) under the supervision of Prof. H. Caminos and Mr. R. Goethert.