

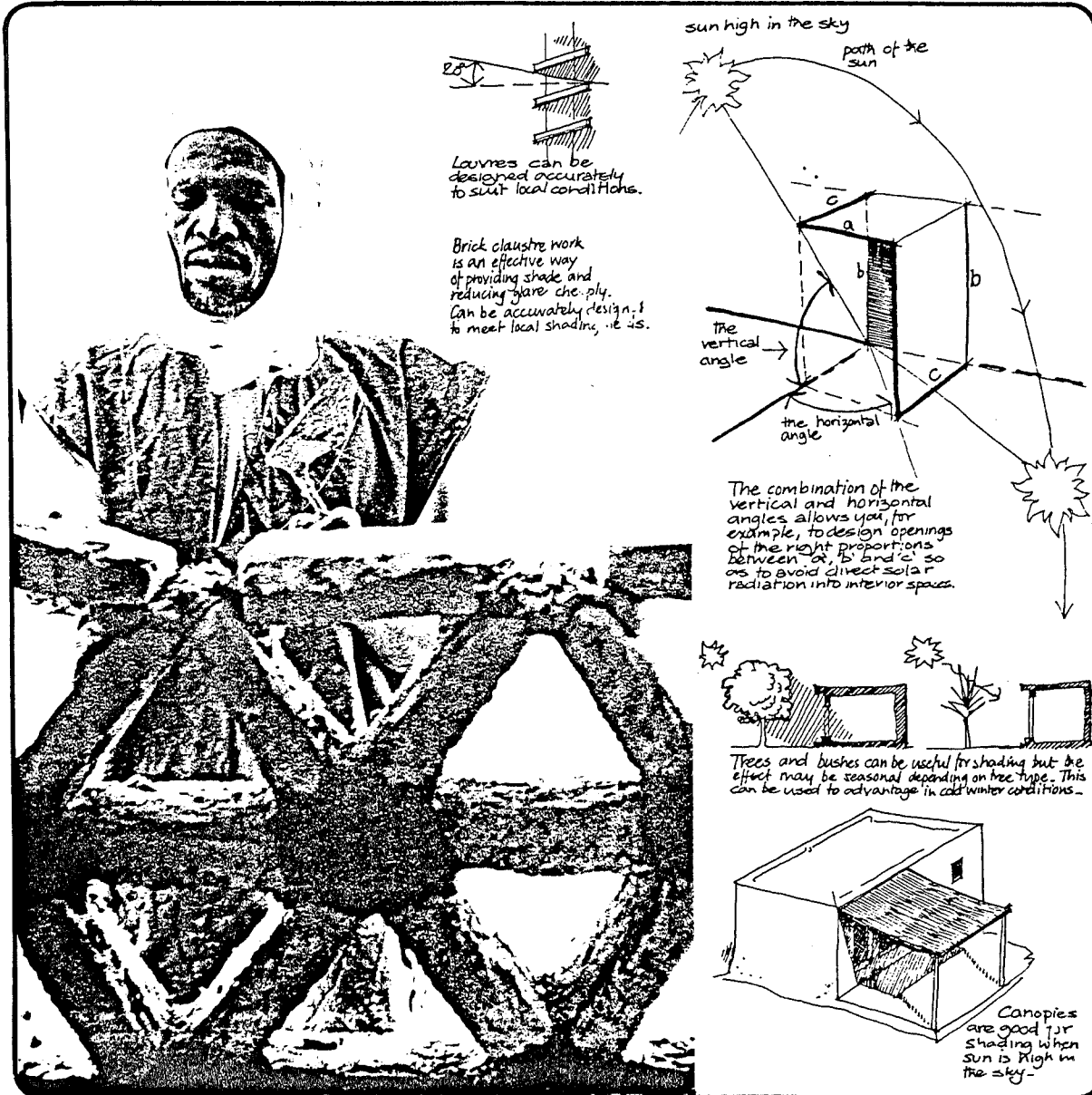
# Development Workshop

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project

CLIMATE ANALYSIS FOR BUILDING AND  
PLANNING - NIGER

client



The preliminary study made in 1982, concentrates on the rural region of Chikal and includes a parallel comparative analysis of the regions of Niamey and Tahoua. The study is a pilot for a regional analysis of the whole country.

Guidelines for building and settlement planning are drawn from considerations of local climatic factors such as the changing wind patterns throughout the day and year; sun angles; rainfall, temperature, and humidity profiles. Practical design and planning recommendations are made on building orientation, spacing, organization, window sizes and solar protection. Information on building materials and their use in building can also be drawn from the study.

The Analysis has been used in planning several Development Workshop building projects in Niger.