Construction of classroom dome: no timber shuttering used
in Nubian/Iranian construction techniques

Chikal Village Literacy Centre, Chikal, Niger

Local masons were trainded in vault and dome construction; also given experience in foundations, walls, details

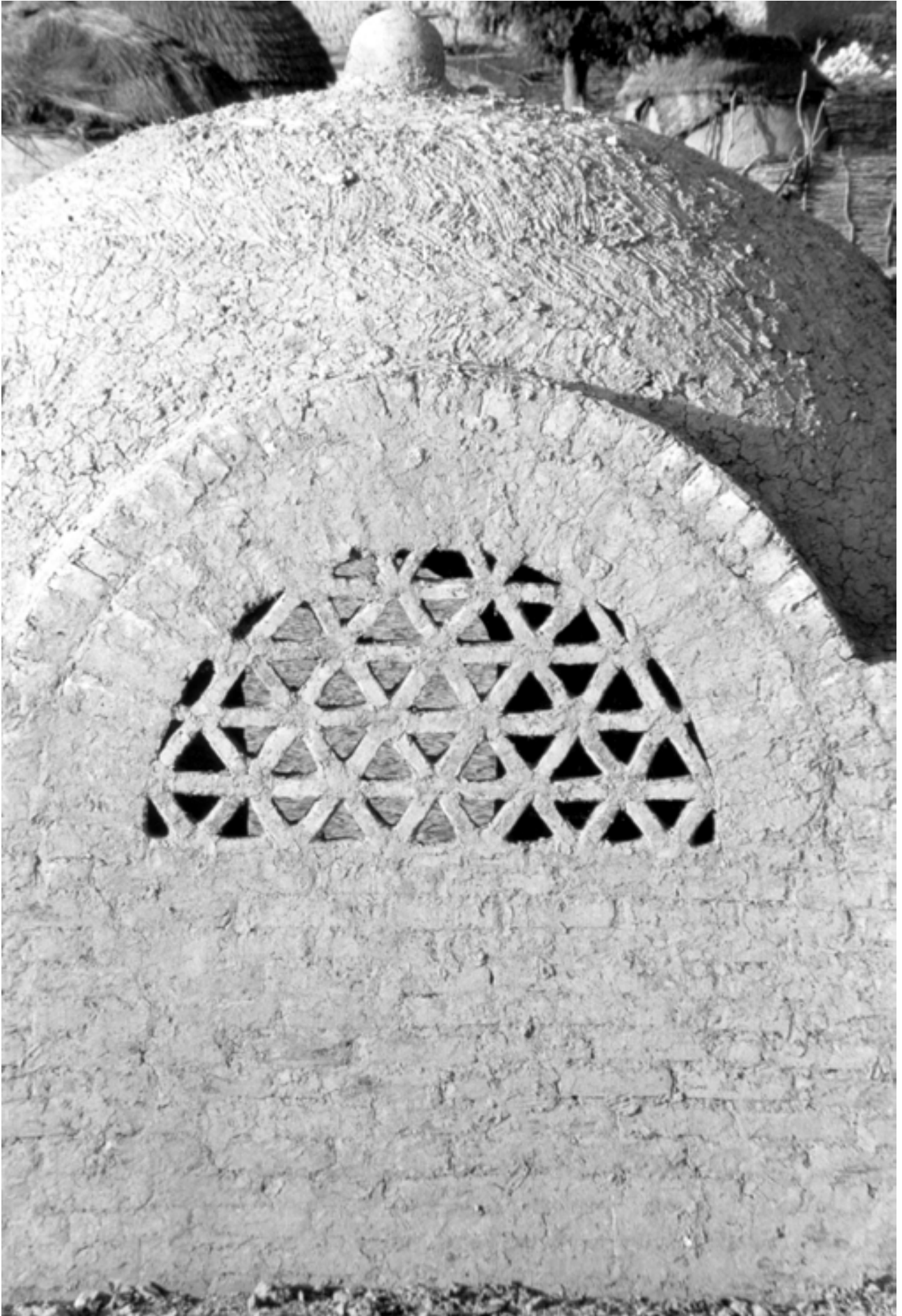Interior and exterior surfaces rendered in mud with crushed accacia podes to increase water resistance

Chikal Village Literacy Centre, Chikal, Niger
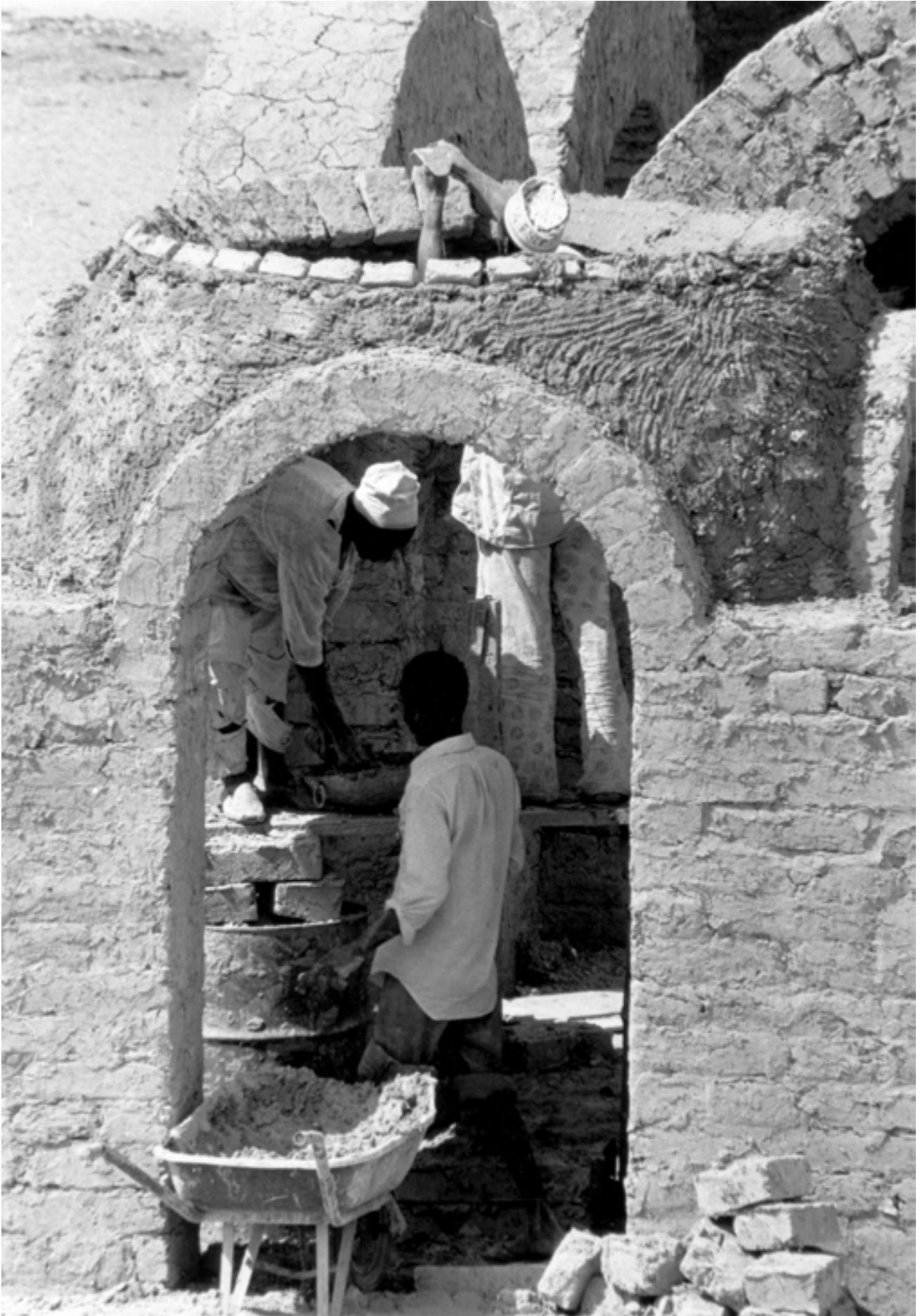
Small dome over entry foyer
Mud bricks have been improved with 40% sand additive.

Chikal Village Literacy Centre, Chikal, Niger

Detail of mud claustra in openeing; vase atop libraray dome acts as exhaust

Chikal Village Literacy Centre, Chikal, Niger

Prevailing winds pass over vase to draw off hot air

Chikal Village Literacy Centre, Chikal, Niger

Literacy Center: wind-catcher far left; dome in center is classroom;
library below second dome

Claustra of wind-catcher; incoming air is pulled downward
and passes of large ceramic jars filled with water

Chikal Village Literacy Centre, Chikal, Niger

Library (left) and classroom (right) with archway between them

Chikal Village Literacy Centre, Chikal, Niger

Masons gathered in front of Literacy center;
top right photo note traditional thatched hut

Chikal Village Literacy Centre, Chikal, Niger

Chikal Village Literacy Centre, Chikal, Niger

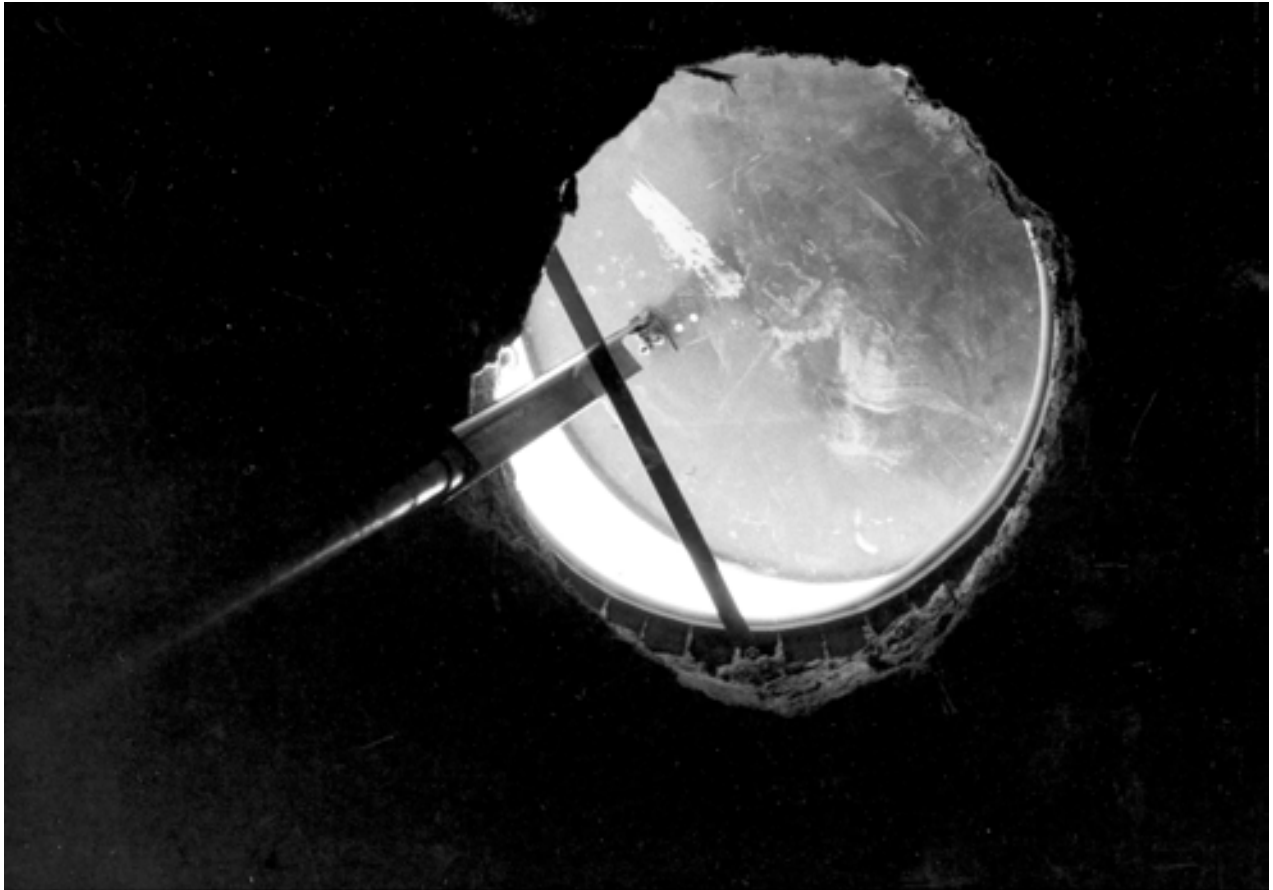*Chikal Village Literacy Centre, Chikal, Niger*

Chikal Village Literacy Centre, Chikal, Niger

Chikal Village Literacy Centre, Chikal, Niger

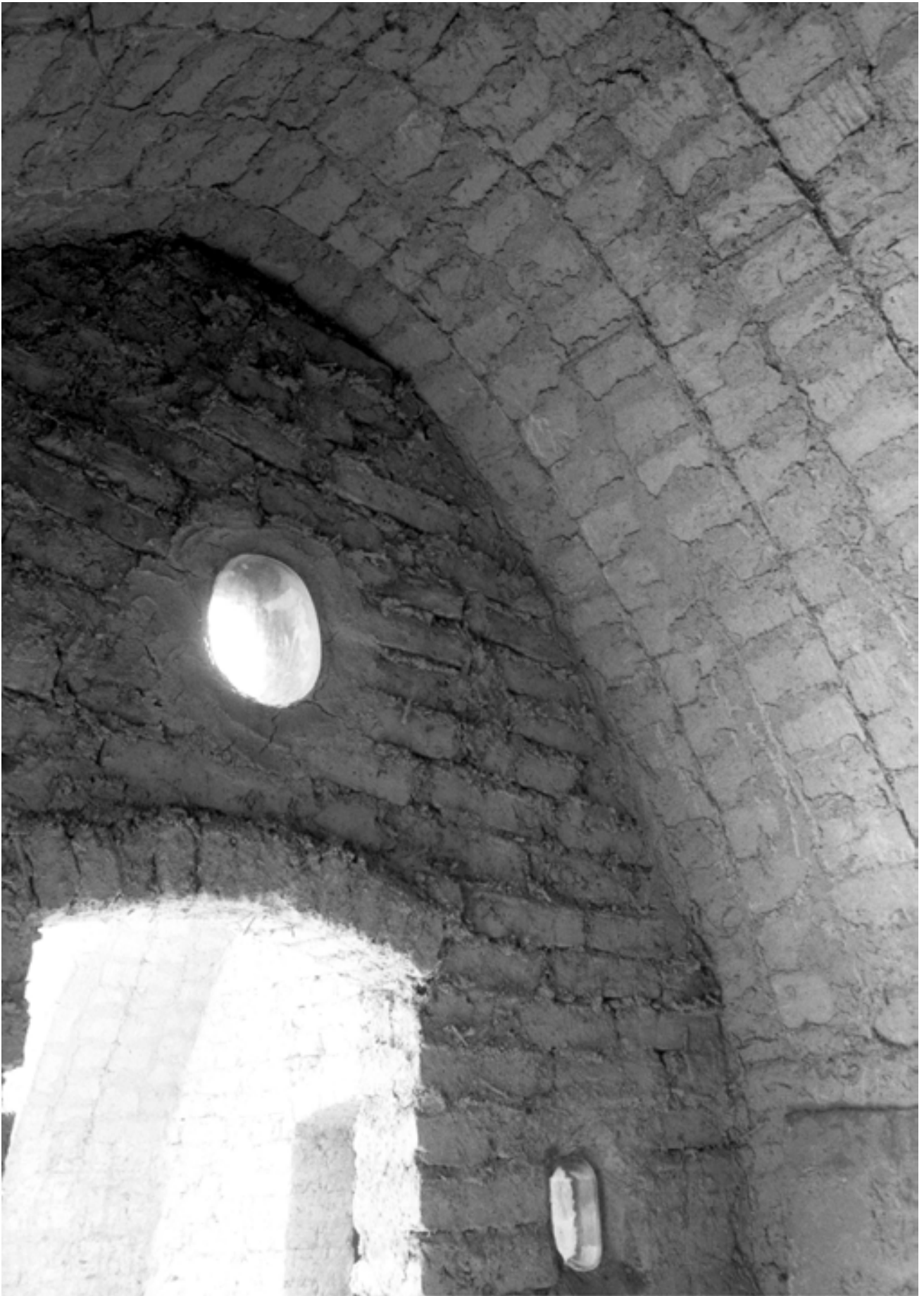Recent Outlet in new guesthouse building

Chikal Village Literacy Centre, Chikal, Niger

Recent Outlet in new guesthouse building

Impact - New Guest House

Chikal Village Literacy Centre, Chikal, Niger

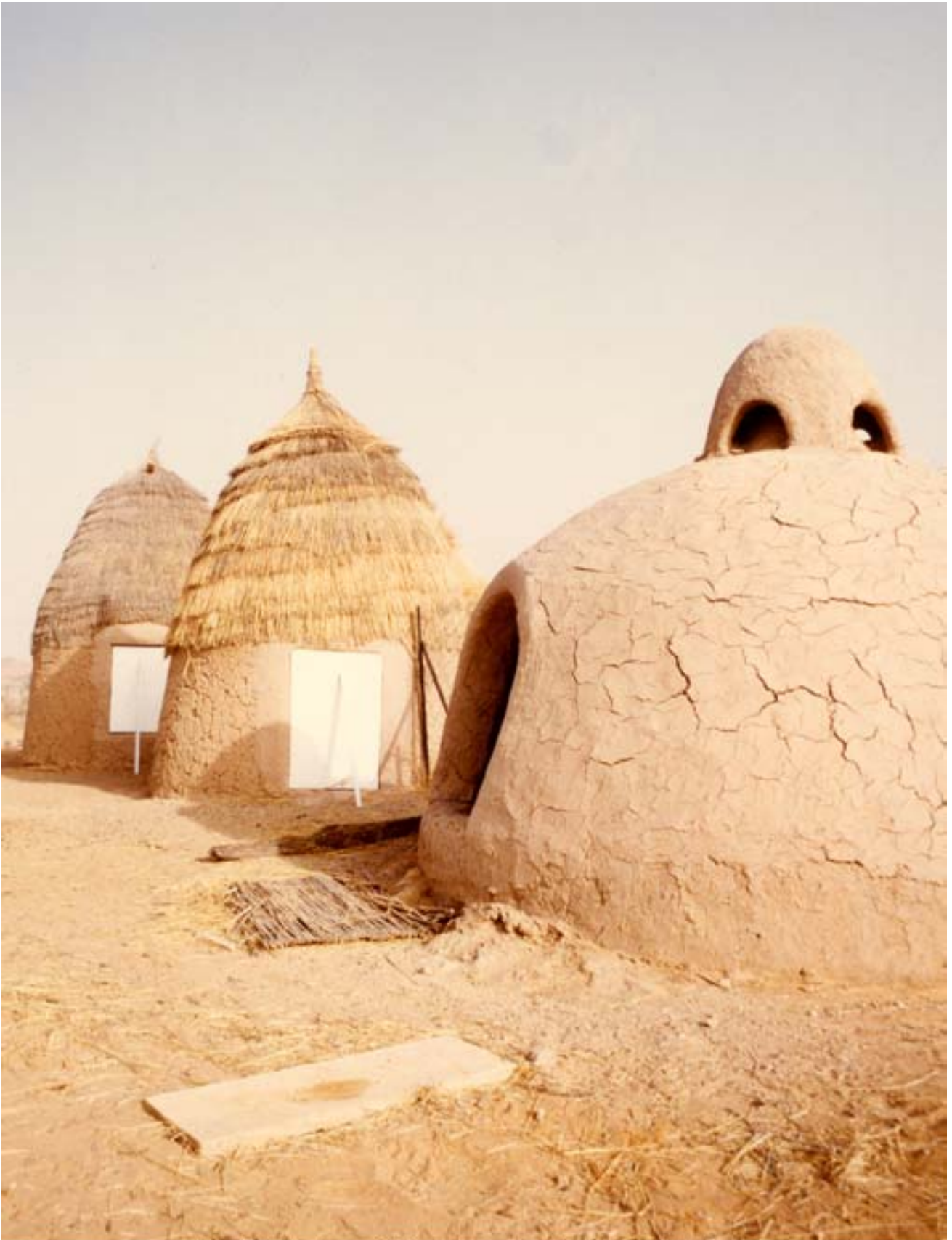*Chikal Village Literacy Centre, Chikal, Niger*

New Guest House

Chikal Village Literacy Centre, Chikal, Niger
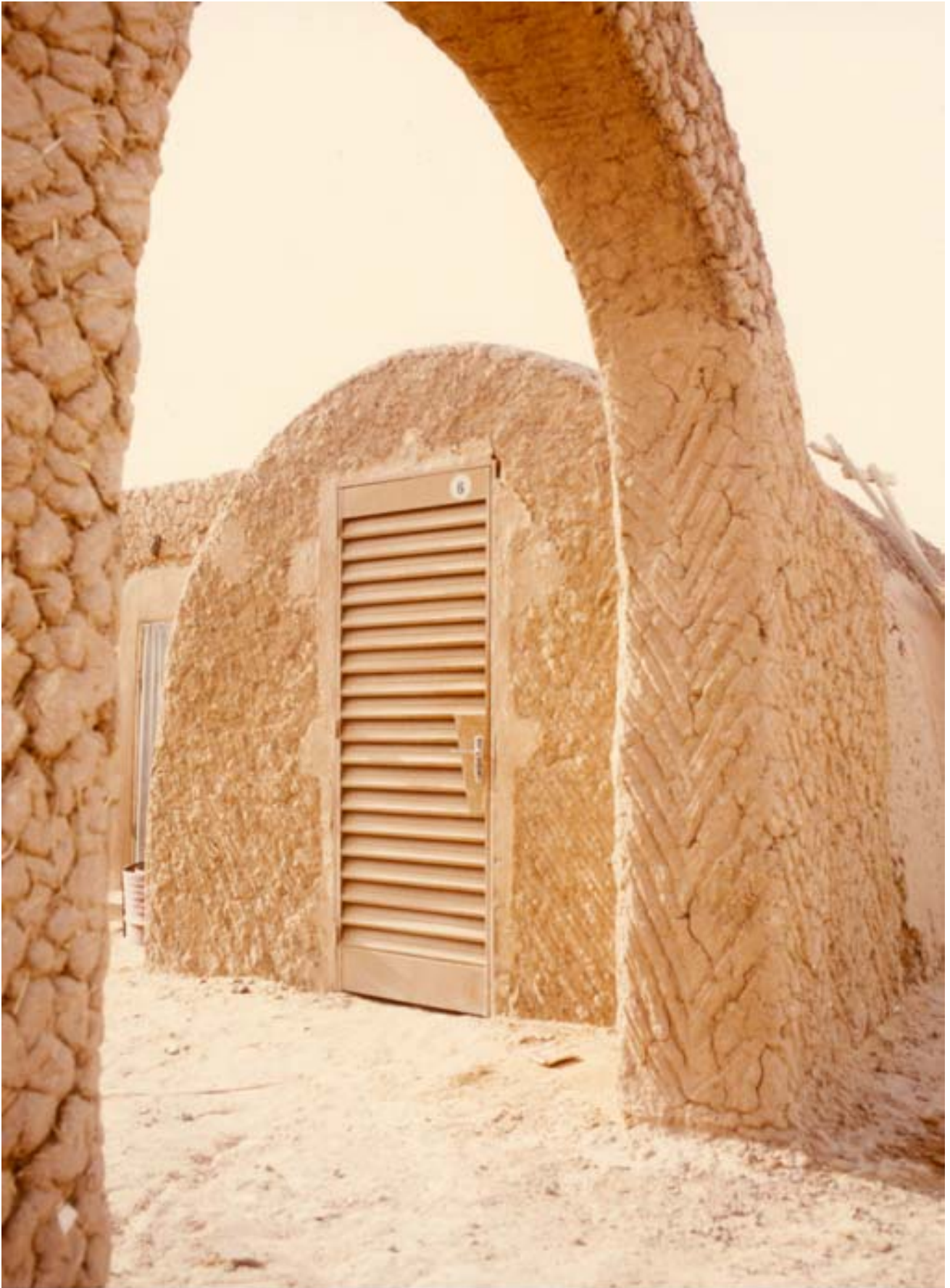
Entrance to PTV Experimental Site

Chikal Village Literacy Centre, Chikal, Niger

First Prototype of Development Trainee Workshop

Chikal Village Literacy Centre, Chikal, Niger

Chikal Village Literacy Centre, Chikal, Niger

Impact - Meteorological Station

Impact - Meteorological Station

Chikal Village Literacy Centre, Chikal, Niger

Chikal Village Literacy Centre, Chikal, Niger

Impact - Allason House in Illela village

Impact - Allason House in Illela village

Chikal Village Literacy Centre, Chikal, Niger

Impact - Ahmadou House in Itchgin village

Impact - Ahmadou House in Itchgin village

Chikal Village Literacy Centre, Chikal, Niger
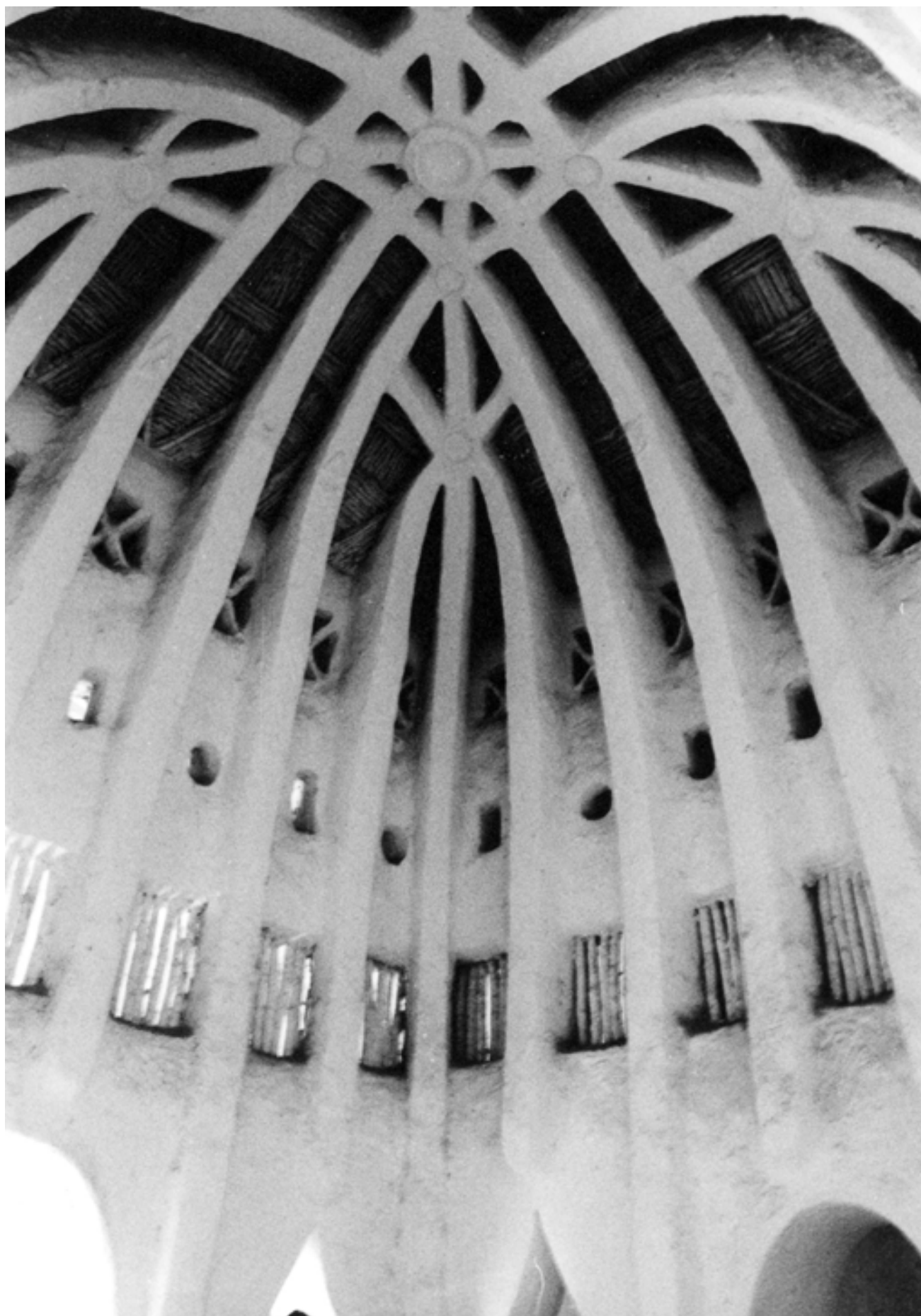
Filingue Traditional House

Filingue Traditional House

Chikal Village Literacy Centre, Chikal, Niger

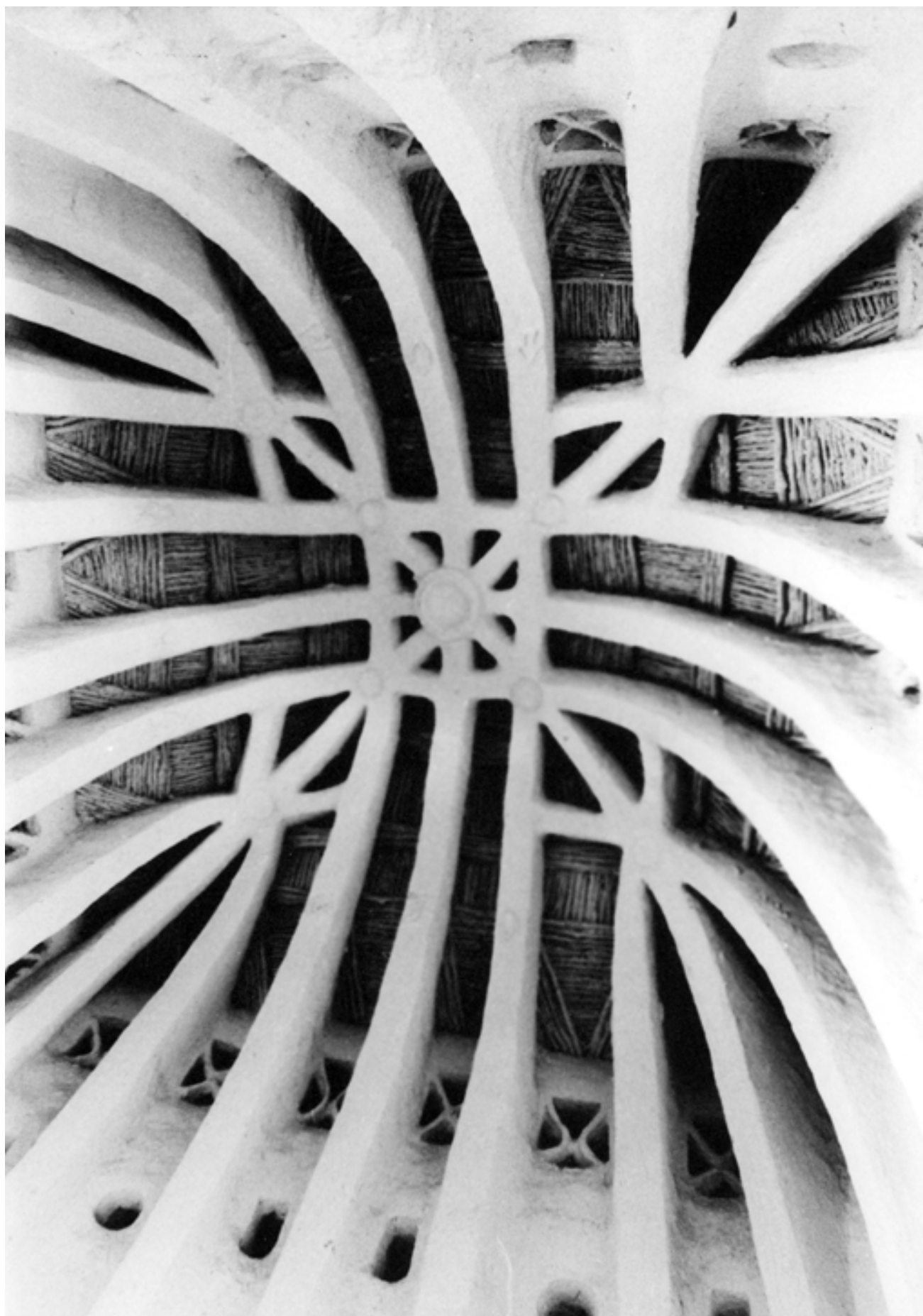*Chikal Village Literacy Centre, Chikal, Niger*

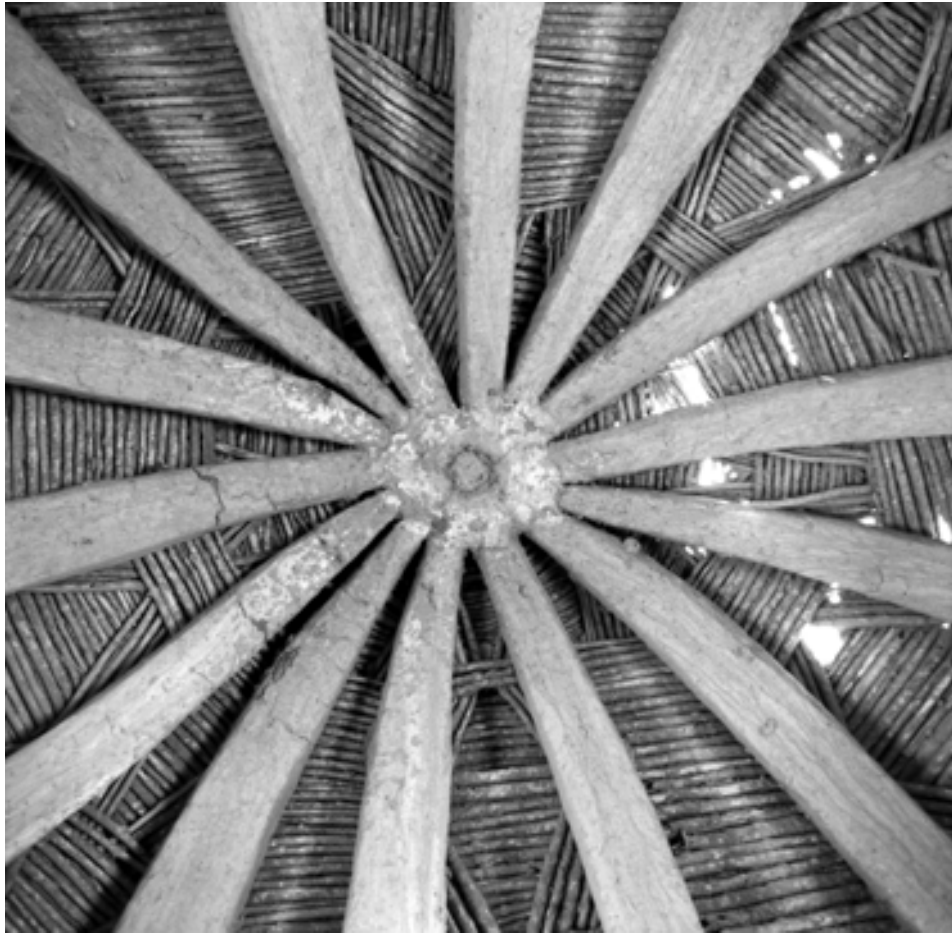*Chikal Village Literacy Centre, Chikal, Niger*

Chikal Village Literacy Centre, Chikal, Niger

Chikal Village Literacy Centre, Chikal, Niger

Chikal - A traditional house

Chikal Village Literacy Centre, Chikal, Niger