

Development Workshop

Box 133
238 Davenport Road
Toronto, Ontario
Canada M5R 1J6

project

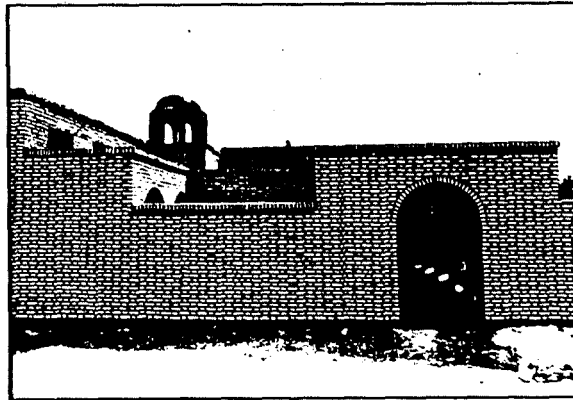
KINDERGARTEN SCHOOL
Alashtar, IRAN

client

Selseleh Integrated Development Project

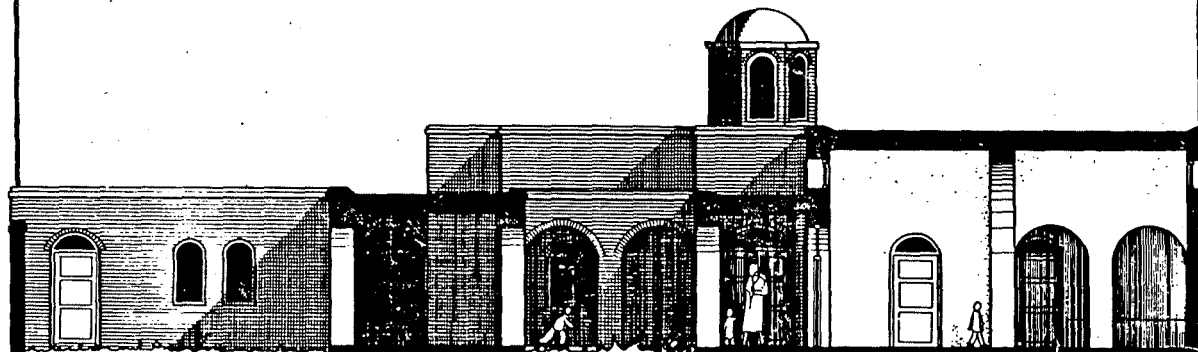


Classroom interior showing arch and timber roofing



External view of entranceway

Section through courtyards and a classroom



The design of the Alashtar Kindergarten is based on a two courtyard plan. A large courtyard for games and outdoor teaching and a smaller court for more formal quieter uses. The design incorporates semi enclosed covered spaces as informal teaching areas.

The school was built as a demonstration of the improved use of local timber. Previously, due to its short span limitations, timber was only being used in domestic scale building. The Kindergarten demonstrates how arches and timber trusses can be used to increase the scale of spaces covered. This means that schools and other community buildings could be constructed with locally produced materials. Walls were constructed of mud-brick - adobe brick with an external cladding of fired brick. A ventilation unit is located centrally in the building to induce natural cooling.

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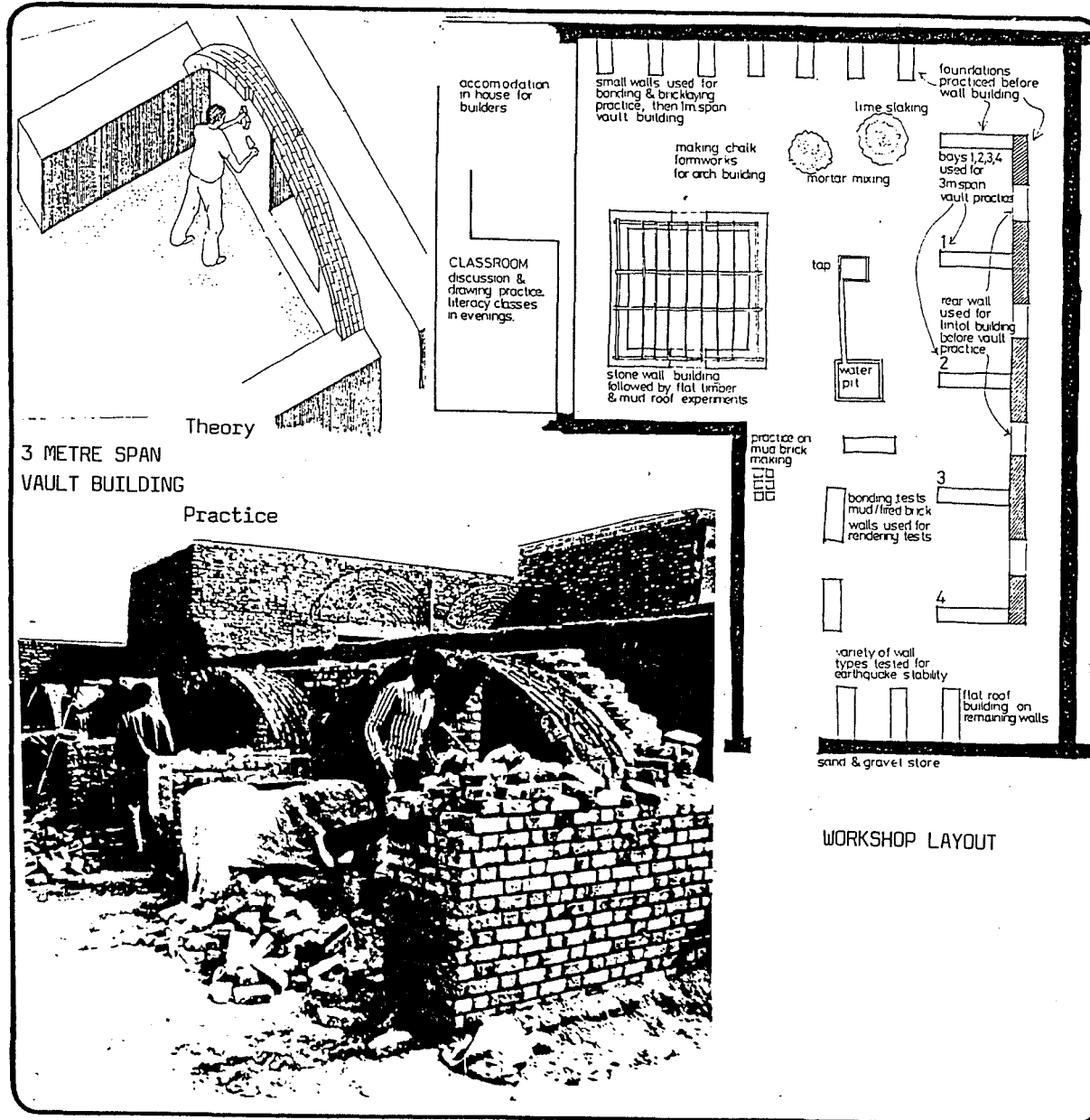
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BUILDERS' TRAINING WORKSHOP
Yazd, Iran.

client

CEDS/SIDP.



Development Workshop organised and ran a two-month builders' training workshop in Yazd in 1977. The 18 trainees came from Luristan. Development Workshop was supported by two Yazdi master masons.

The workshop had three aims:

- to improve indigenous building methods;
- to train the builders in practical and organisational skills;
- to develop an educational methodology that the builders could use amongst themselves;

thereby equipping them to meet most rural building needs.

Training was by discussion, by demonstration and by practice.

The programme covered basic rural development aims; plan reading and drawing; elements of design; elements of construction, from foundations up to roofing. Each potential solution was tested in the workshop yard. Experiments were conducted to improve local materials and their use; earthquake resistance; wall renders; vault building; and flat roof construction.

The trainees independently organised a follow-up programme a year later to train their own apprentices, which testified to the success of the workshop as much as the marked improvement in their building skills.

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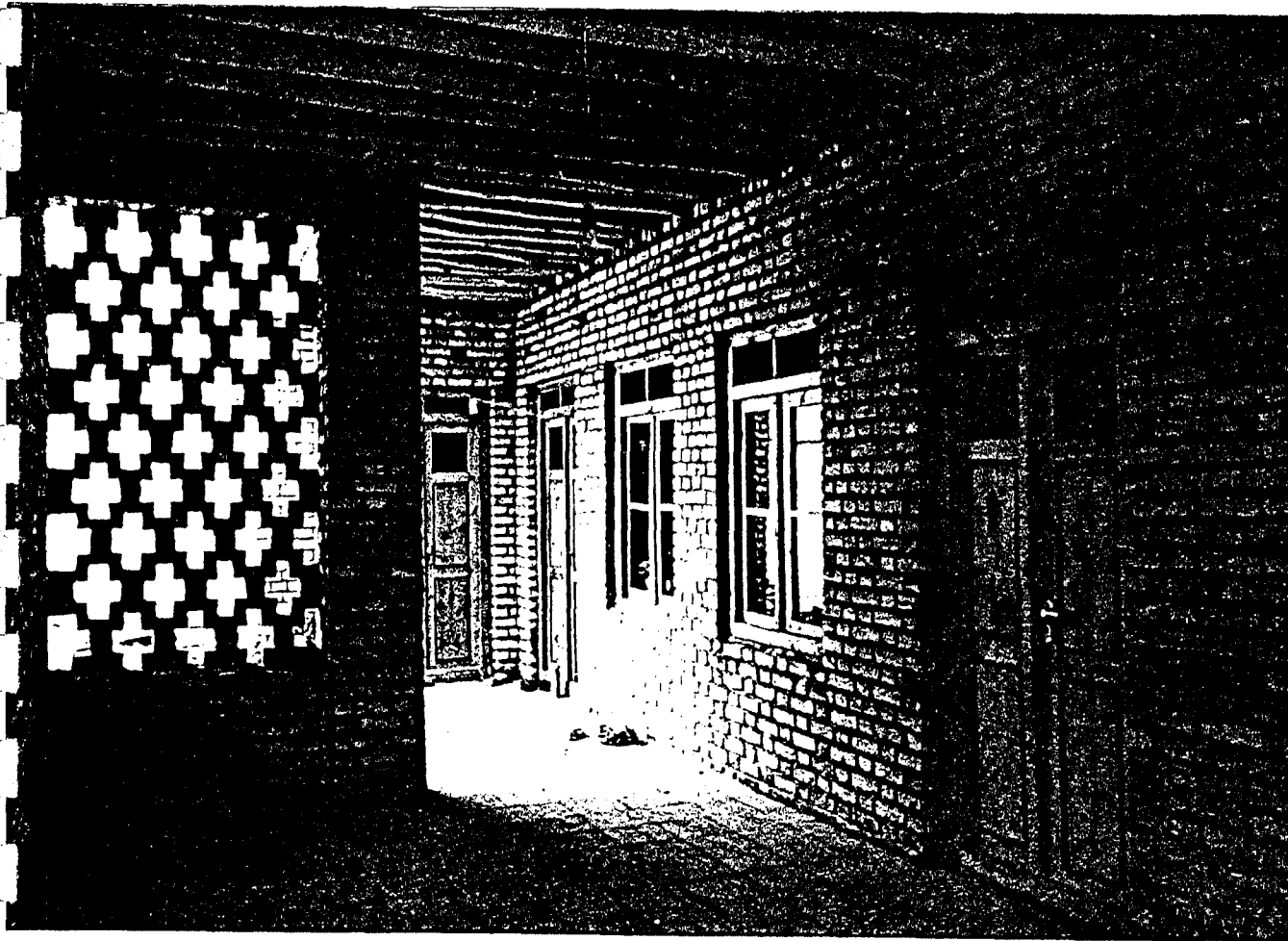
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HOUSING FOR TEACHERS
Luristan, Iran

client

Ministry of Education, Iran.



In order to encourage teachers to work in the Luristan region, the Ministry of Education asked Development Workshop to design and build several houses for teachers.

Each house was built with locally available materials, and developed local housing forms, but also provided high quality accomodation.

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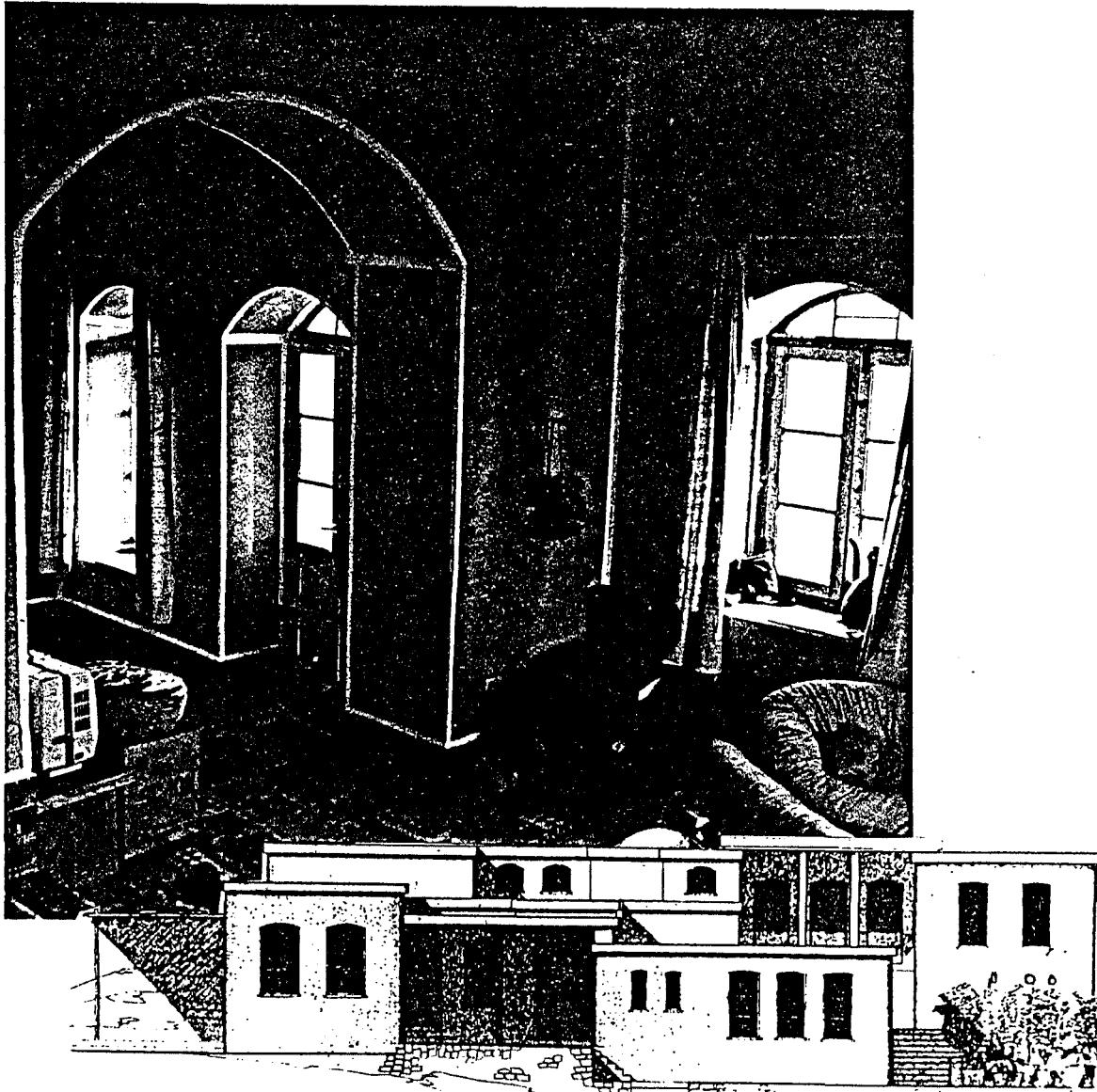
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CONSTRUCTION OF GUEST HOUSE
Serab Amir, Luristan, Iran.

client

S.I.D.P.



Development Workshop designed and built a guest house for the Selseleh project area in 1977. The building was designed on several levels and with two linked courtyards. Walls are all of stone with an internal high quality mud plaster finish. The roofs are a combination of vaults and domes and flat timber and mud roofs.

A major purpose of the guest house was to demonstrate to the local population that high quality building and internal finish could be achieved with the same materials which they were using for their own house buildings.

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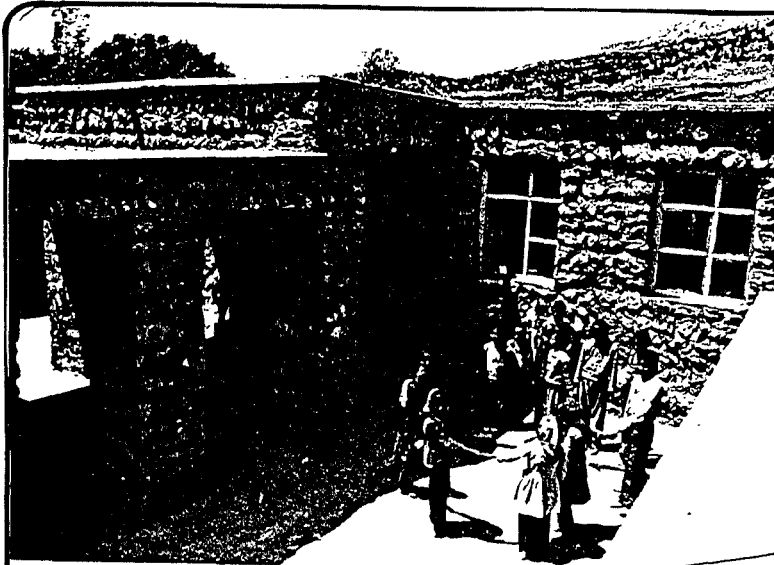
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PRIMARY SCHOOLS
Luristan, Iran.

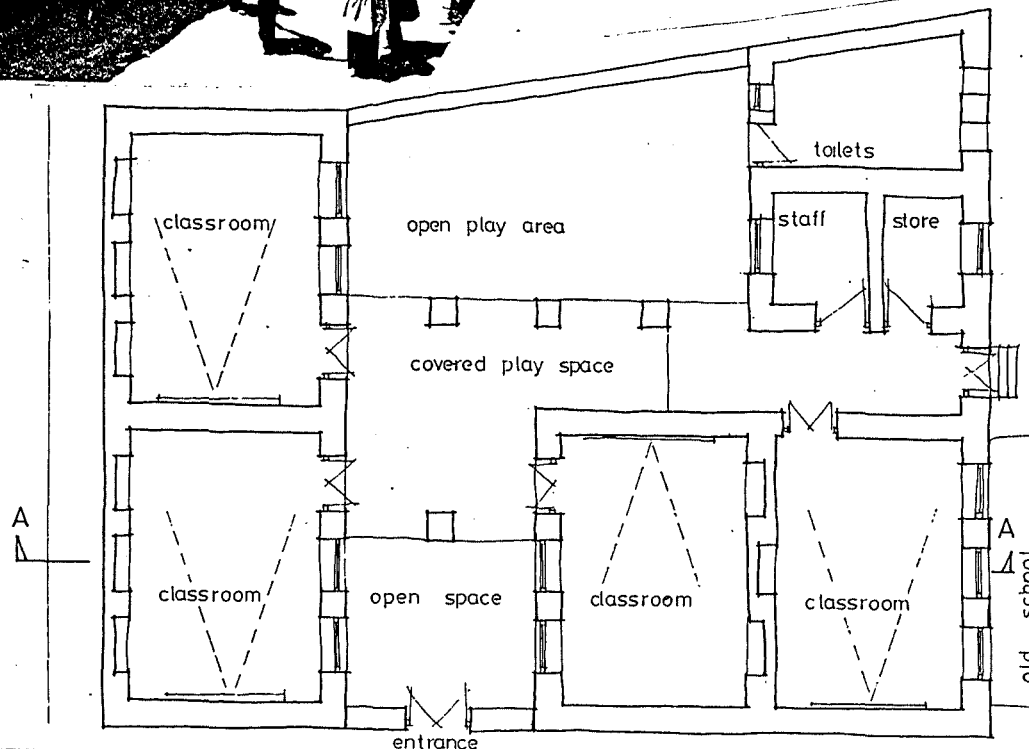
client

Ministry of Education/SIDP, Iran



School children playing in open courtyard, Kaka Reza.

Plan of Kaka Reza primary school.



As architects and planners for the Selseleh Region, Iran, Development Workshop has designed and built primary schools for the villages in the area.

The schools were all built with materials found or produced in the region: stone; fired brick; mud brick; timber and mud roofs; locally made doors and windows.

They provided an opportunity for demonstrating improvements to local building techniques and for training local builders.

The school shown here is at Kaka Reza.

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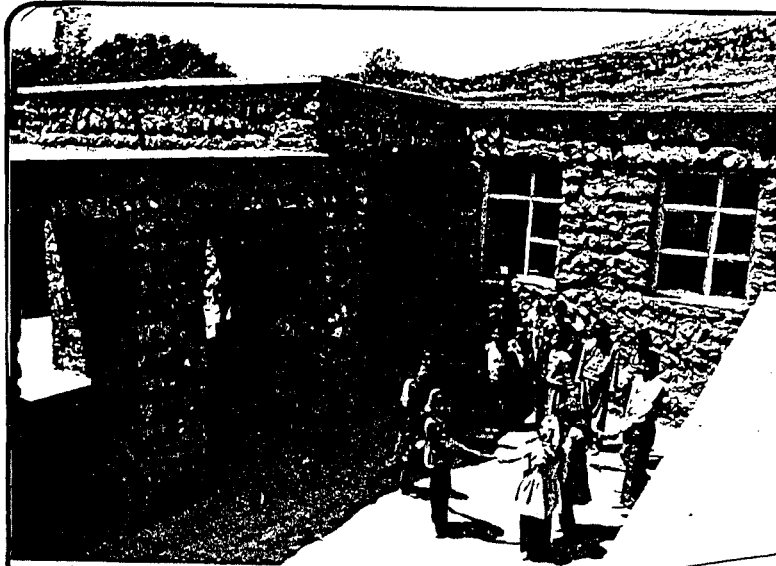
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PRIMARY SCHOOLS
Luristan, Iran.

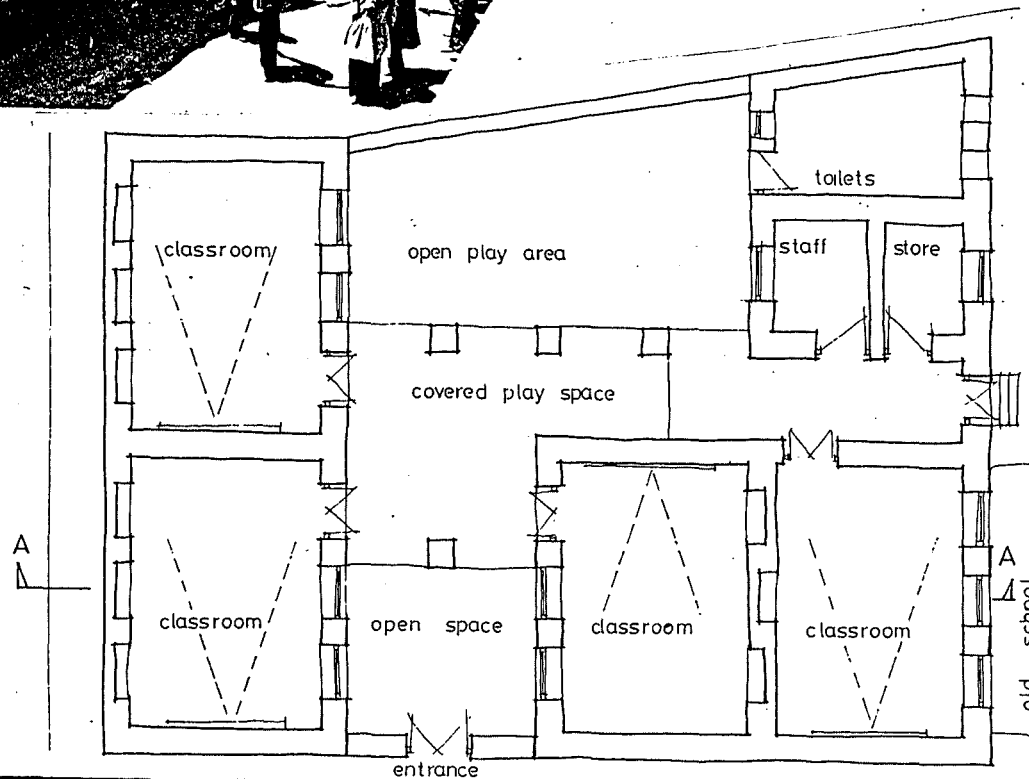
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