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Day Care Centres in the Socialist Republic of Vietnam. A report to UNICEF on a UNESCO staff mission to the Socialist Republic of Vietnam 7 - 21 August 1976. Photographs are in part 4. [Part 2 of 4]

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Cat Linh Day Care Centre
Hanoi
Built in 1975-76
(opened : 1.5.76)

DATA SHEET 4

1 - Building

1.1 Plans (see drawings Nos 1 and 2) which represent a slightly improved version of the Cat Linh's plans to be used for the forthcoming construction of a certain number of these small centres in Hanoi.

1.2 Total floor area of the two storeys (incl. verandah and covered circulation space) 773 m² (see also below detailed space analysis).

2 - Enrolment

2.1 The Centre was initially designed for 3 groups of 25 children = 75 children

2.2 The actual full enrolment is of 118 children, but it should be added that the average attendance is of about 80% giving thus a real enrolment of 94 children.

3 - Staff

19 persons including nurses, janitor, cooks.

4 - Ratios

4.1 Total floor area (m²)/child

- Envisaged initially :	$\frac{773 \text{ m}^2}{75 \text{ children}}$	= 10.31 m ² /child
- At present (full enrolment):	$\frac{773 \text{ m}^2}{118 \text{ child.}}$	= 6.55 m ² /child
- Considering real actual attendance:	$\frac{773 \text{ m}^2}{94 \text{ children}}$	= 8.22 m ² /child

4.2 Staff/children ration:

- theoretical	$\frac{19 \text{ persons}}{118 \text{ child.}}$	= 1:6
- real	$\frac{19 \text{ persons}}{94 \text{ child.}}$	= 1:5

5 - Users' observations

The users are very pleased with the facilities provided, particularly the number of rooms and their arrangement for each group of 25 children (see drawing No 2)

The small size of the centre (3 groups of children) is also much appreciated for its "family character"; its management is easy; the only disadvantage is that it leads to mixed age-groups.

Cat Linh Day Care Centre
(continued)

SPACE ANALYSIS

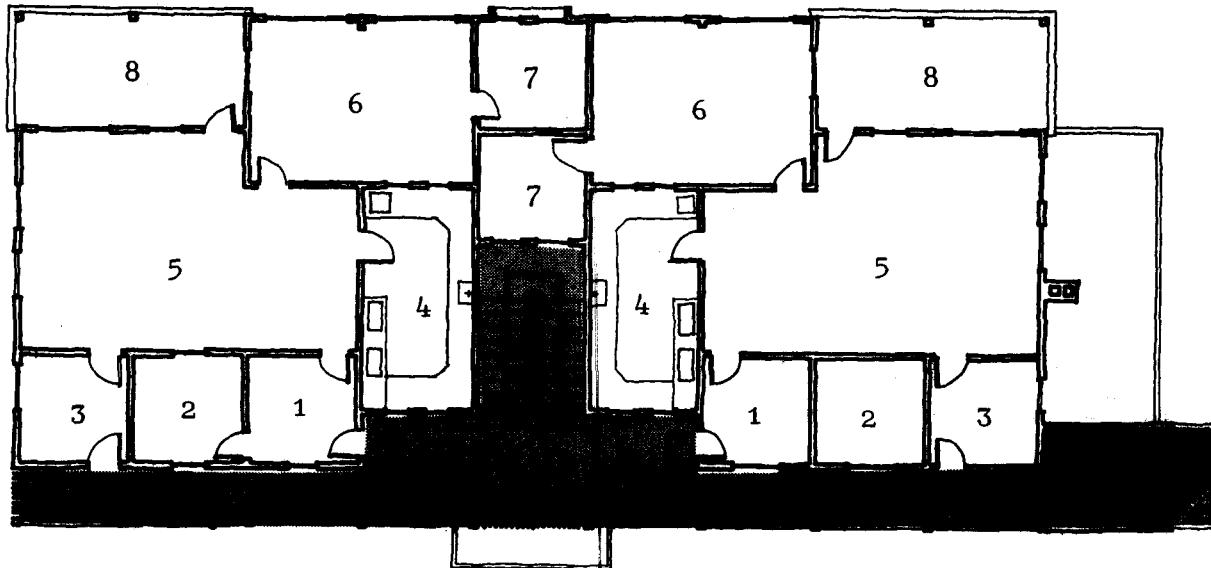
based on 75 children

	m ²	m ² /child	%
A - <u>CHILDREN UNITS</u>			
1. Reception rooms	27.00	0.36	3.49
2. Isolation rooms	27.00	0.36	3.49
3. Distribution of food	27.00	0.36	3.49
4. Toilets	56.70	0.76	7.34
5. Play and eating room	148.50	1.98	19.21
6. Bed room	81.00	1.08	10.48
7. Storage (beds)	27.00	0.36	3.49
8. Verandahs	54.00	0.72	6.99
SUB TOTAL A	448.20	5.98	57.98
B - <u>ADMINISTRATION AND INFIRMARY</u>			
9. Administration	13.50		
10. Infirmary	9.90		
SUB-TOTAL B	23.40	0.31	3.03
C - <u>KITCHEN AND LAUNDRY</u>			
11. Kitchen	54.90		
12. Foodstore	13.50		
13. Foodstore	9.00		
14. Coal store	8.90		
15. sheltered working area	12.15		
16. Laundry	27.00		
17. Store	9.00		
18. Toilets	9.00		
SUB-TOTAL C	143.45	1.91	18.56
CIRCULATION SPACE	157.95	2.11	20.43
GRAND TOTAL	775.00	10.31	100.00

FIRST FLOOR PLAN : Scale 1/200

Unit 2 (25 children)

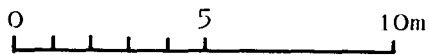
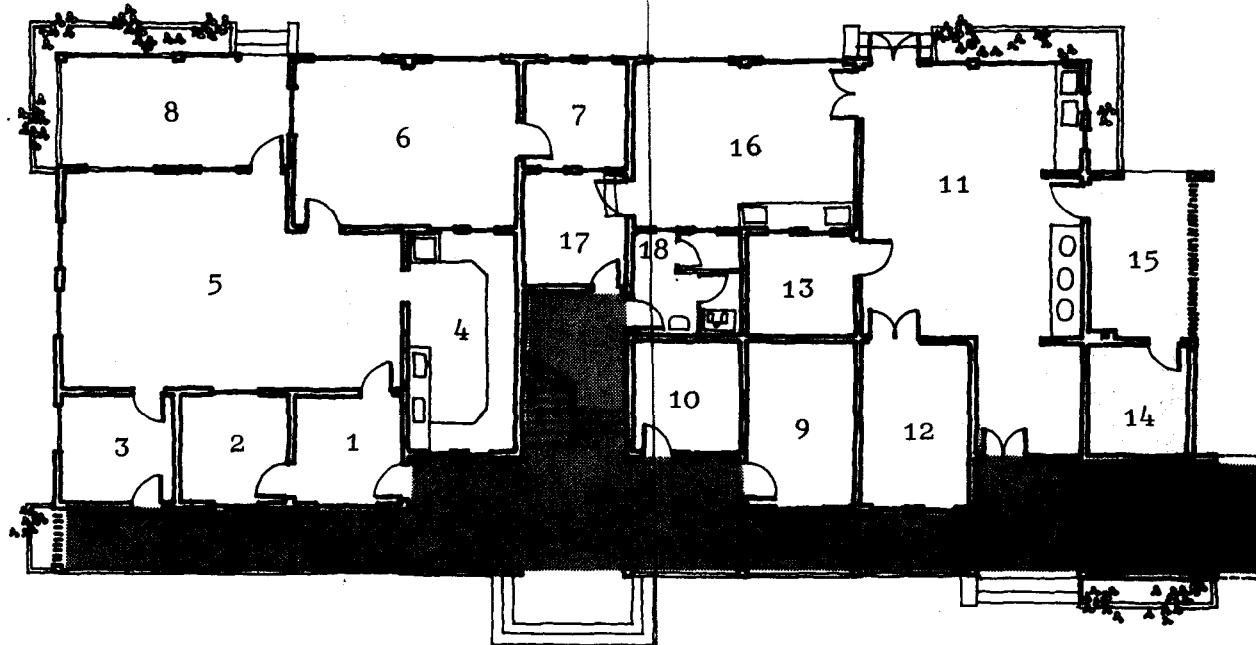
Unit 3 (25 children)



GROUND FLOOR PLAN : Scale 1/200

Unit 1 (25 children)

Central services
(Kitchen, Laundry, Administration)



DRAWING No 1
Day-Care Centre for 75 children
Standard Vietnamese plan
Cat Linh's type (1976)

Plans scale: 1/200

Cross section scale: 1/100

Legend

A) Unit 1-3

- 1 Reception room
- 2 Isolation room (undisposed children)
- 3 Distribution of food
- 4 Toilets
- 5 Play and eating room
- 6 Bed room
- 7 Storage (beds)
- 8 Verandah

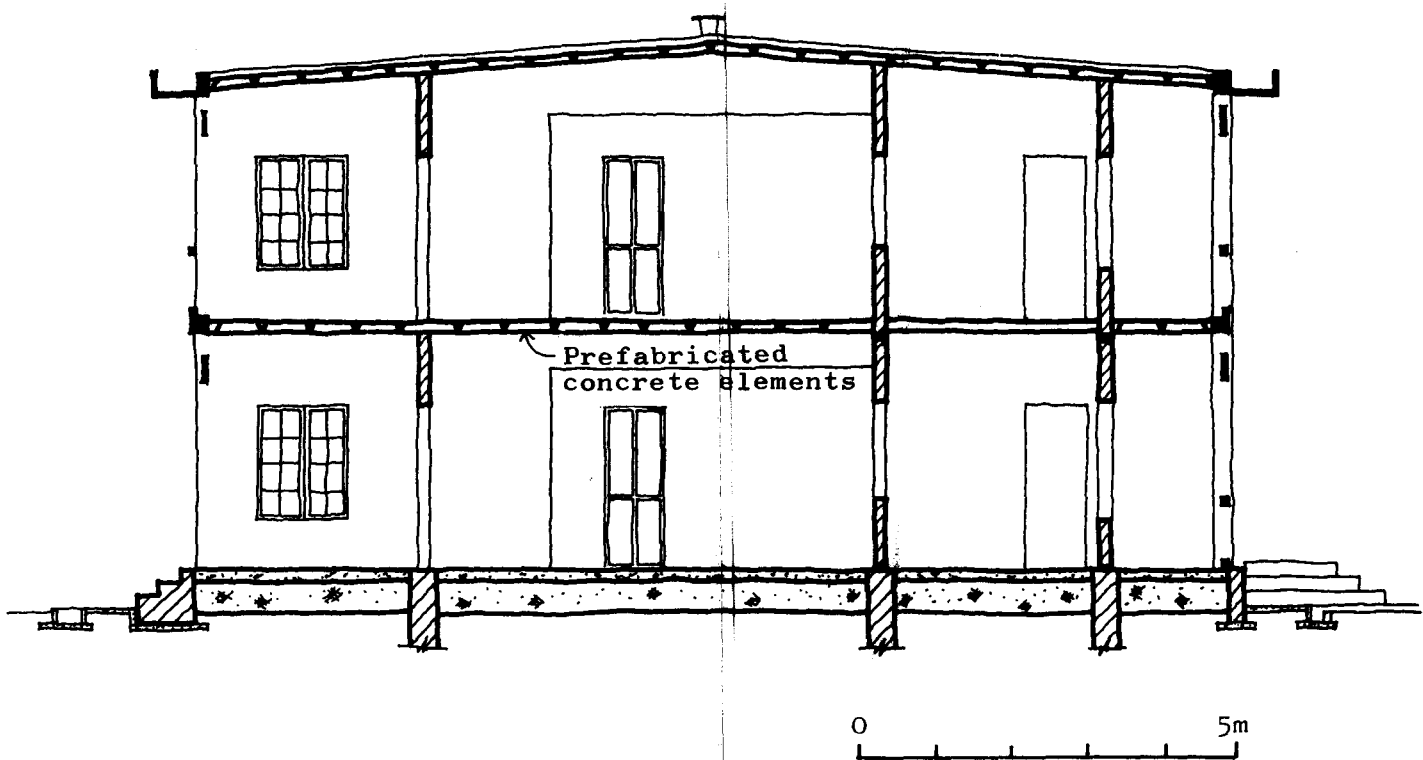
B) Administration and Infirmary

- 9 Administration
- 10 Infirmary

C) Kitchen and laundry

- 11 Kitchen
- 12 Food store
- 13 Food store
- 14 Coal store
- 15 Sheltered working area
- 16 Laundry
- 17 Store
- 18 Toilets (2)

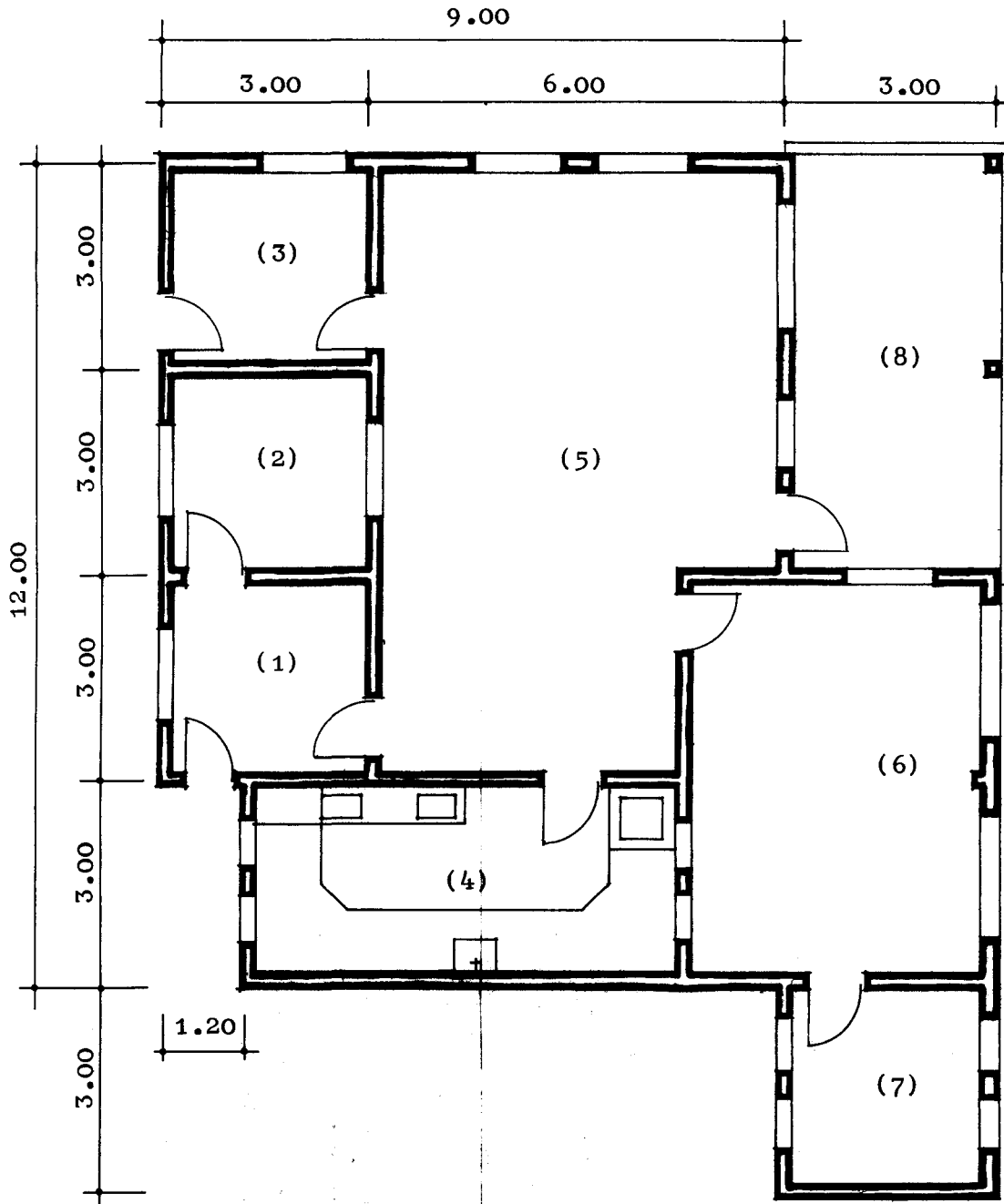
CROSS SECTION AA : Scale 1/100



DRAWING No 2
Day Care Centre for 75 children
Standard Vietnamese plan
(Cat Linh's type)
STANDARD UNIT FOR 25 CHILDREN



Scale: 1/100



	m ²	m ² (Vietnam. standards)
1) Reception room	9.00	12 to 16
2) Isolation room (undisposed children)	9.00	6 to 8
3) Distribution of food	9.00	6 to 8
4) Toilets	18.90	18 to 24
5) Play and eating room	49.50	36 to 48
6) Bed room	27.00	28 to 36
7) Storage (beds)	9.00	-
	131.40	106 to 140
8) Verandah	18.00	18 to 24
	149.40	124 to 164

Cat Linh Day-Care Centre
(continued)

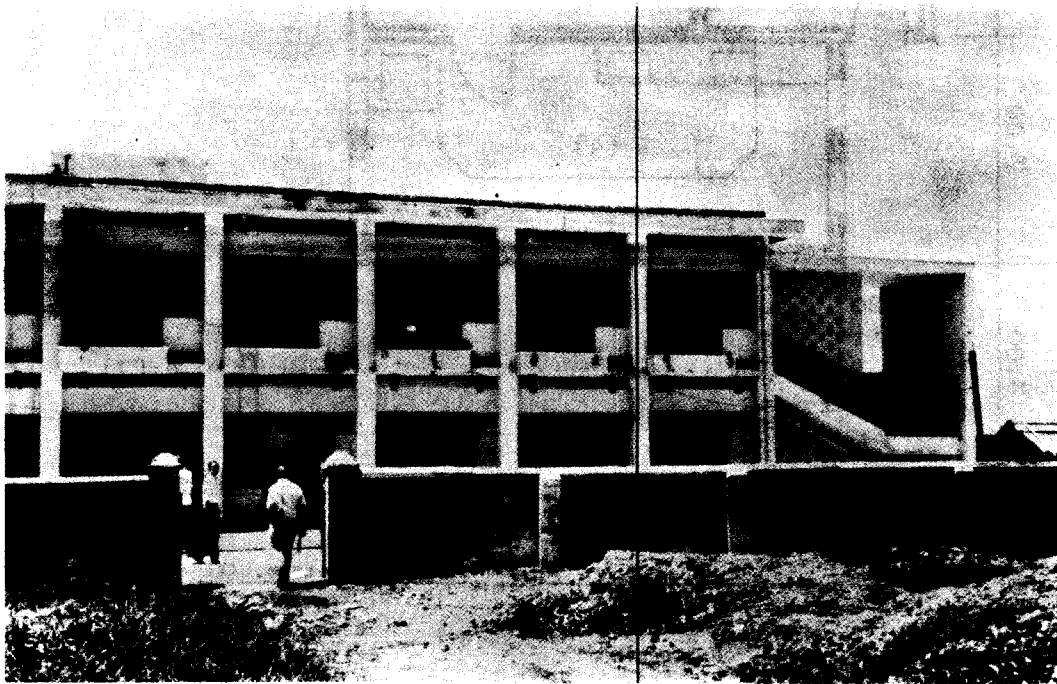


Plate 11. Front elevation (entry side).

Cat Linh Day-Care Centre
(continued)

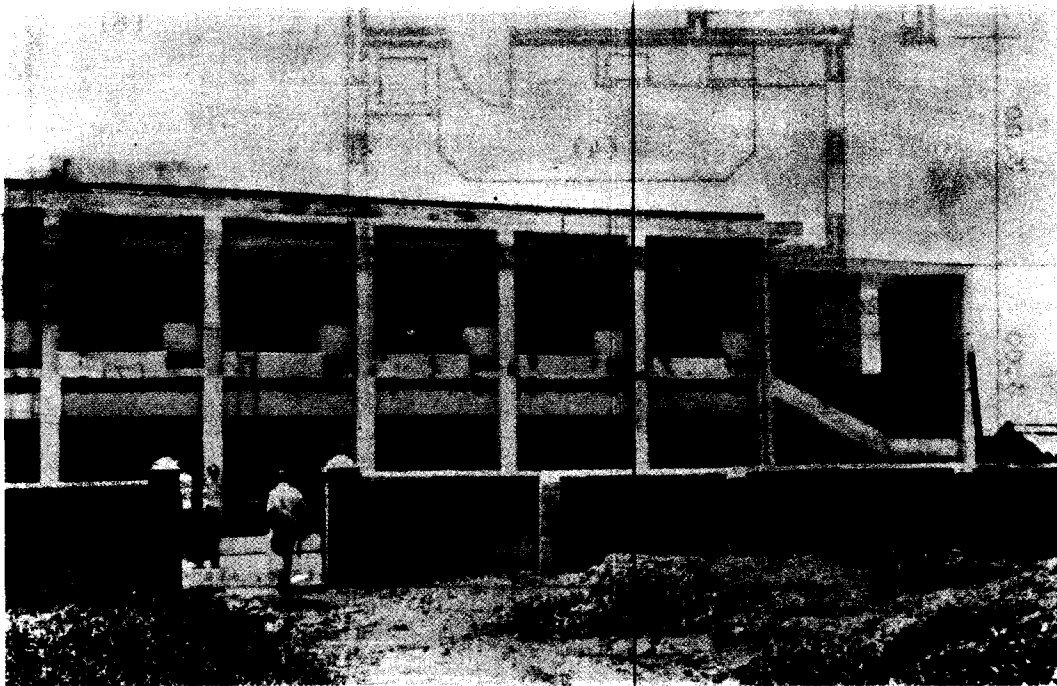


Plate 11. Front elevation (entry side).

Cat Linh Day-Care Centre
(continued)



Plate 12. Playroom transformed into dormitory.



Plate 13. Light folding canvas beds provided by UNICEF.

Ha Tu Day Care Centre
Quang Ninh Province

DATA SHEET 5

1 - Building

- Simple one storey, miners' housing, has been converted for use as a day care centre which have been operating regularly since 1972 (there are four such day care centres in the Ha Tu mining area). The buildings will be used for other purposes when the new day care centre planned is built.
- According to the group size, each group of children has at its disposal a room ranging from 20 m² (4 x 5) to 56 m² (8 x 7), which is used for playing as well as for sleeping.

2 - Enrolment

In the centre here described (see photo below) there are 115 children divided into four age groups :

- 2 - 12 months
- 12 - 24 "
- 24 - 30 "
- 30 - 36 "

3 - Staff

13 persons. All nurses are trained nurses. They have been given the "Socialist Labour" award for their work. They are considered as "advanced nurses".

4 - Ratios

Staff/children ratio : $\frac{13 \text{ persons}}{115 \text{ children}} = 1:9$

5 - Working hours

The working hours have been established in connection with the particular time schedule of the mines operating in 3 shifts (the day care centre receives the children two hours before the starting hour of each shift)

miners' working hours		Day Care Centre time schedule	
1st shift	06.00 to 15.00	children received at	04.00 h
2nd shift	15.00 to 23.00	" "	13.00 h
3rd shift	23.00 to 06.00	" "	20.00 h

Ha Tu Day Care Centre
(continued)

6 - Future construction

Plans of development have been established for two sites in Ha Tu by the provincial services.

In each of them, an area of approximately 1 ha has been earmarked for a new day care centre for about 300 children in the middle of the new dwelling compound to be built. Each compound is to house from 20,000 to 30,000 inhabitants in 5 storey buildings.

Both proposed locations were quite suitable.

7 - General information on the Quang Ninh Province

The officers responsible for the Province we had the opportunity to meet stressed the importance of the day care centre problem:

- the women represent 40% of the labour force; in this connection the establishment of day care centres is very important;
- at the present time there are 700 day care centres of various sizes in the Province totalising an enrolment of more than 10,000 children;
- there is a need of establishing new day care centres and also "pilot day care centres" to provide good conditions, for practical training for the nurses having completed their studies;
- there is at the moment one secondary school in the Province for the training of the nurses producing 200 nurses a year; other nurses come from the "Ecole supérieure" in Hanoi.

Ha Tu Day-Care Centre
(continued)

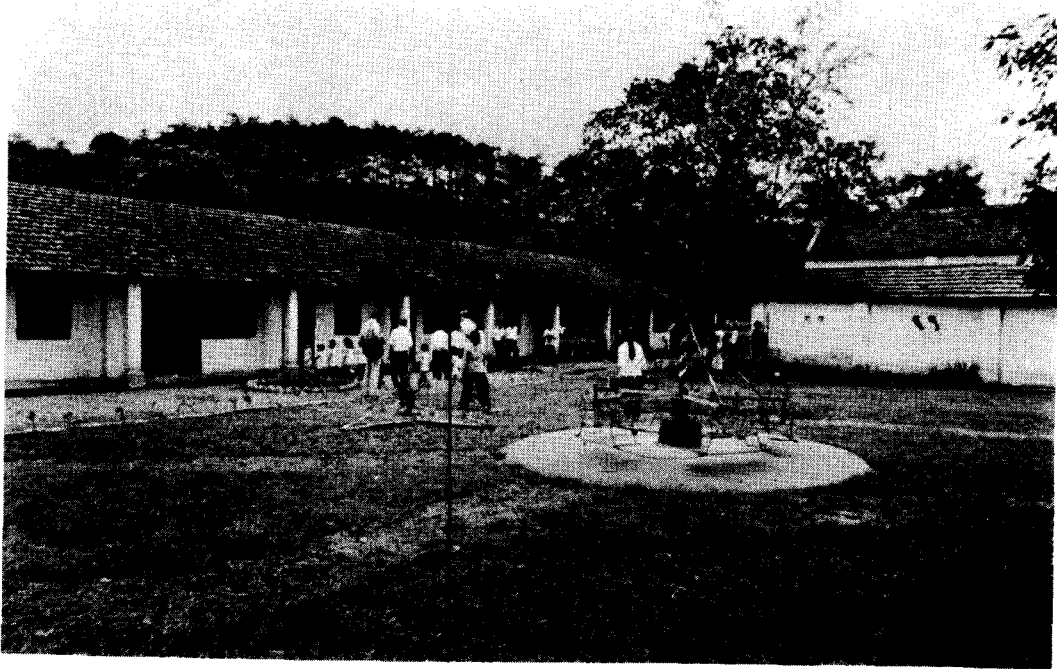


Plate 14. The existing Day-Care Centre



Plate 15. A farewell.

Town : Uông Bì
Quang Ninh Province

DATA SHEET 6
on day care centres in the
town

1 - General information on Uông Bì

- Population : 50,000 inhabitants (planned extension for 80,000 inhabitants).
- Administrative status : "Chef lieu de district"
- Economical resources of the district:
 - coal mines (Vang Danh : 5000 miners/Yên Tu)
 - one important electric power plant (using coal)
 - forestry (and tourism in Yên Tu)
- The town of Uông Bì has been heavily damaged during the war.
- Emphasis is now placed on the construction of collective equipments (day care centres, one hospital under construction with the swedish aid, etc ...)

2 - Day care centres in Uông Bì

- 2.1 Enrolment : 2,020 children distributed into 82 centres; the average is thus of 25 children per centre, but in fact, the centres range from small "bamboo centres" to day cares with an enrolment of 50,70 or 80 children.

It is envisaged to build new day care centres with the purpose of increasing very soon the total enrolment up to 3,000 children

2.2 Staff : 221 persons

The nurses have generally being trained from 3 to 6 months.

3 - Ratios

- 3.1 Staff/children ratio : $\frac{221 \text{ persons}}{2020 \text{ children}} = 1:9$

4 - New Day Care Centre

The site of the future day care centre for 250 to 300 children (likely to be built with UNICEF assistance) was inspected. It appeared to be quite suitable, in the centre of a future dwelling zone planned for about 20,000 inhabitants, not far from the 500 beds hospital under construction

Town : Bac Giang
Ha Bac Province

DATA SHEET 7
on day care centres
in the town

1 - Existing day care centres

One existing day care centre was visited as an example of the type of day care centres operating in the town at the present time (see photo below).

The time available did not allow us to collect extensive and general data on the number and enrolments of the various day care centres of the town.



Plate 16. On the left: the day-care centre. On the right: a dwelling house.

2 - New day care centre

The site of the future day care centre for about 250 children (likely to be built with UNICEF assistance) was inspected. It is a suitable 1 ha plot of land located in the centre of an important dwelling zone in the northern part of the town. About

Bac Giang, Ha Bac Province
(continued)

half of the 4-5 storeys dwelling houses envisaged in the development master plan of the zone have been built already (see photo below)

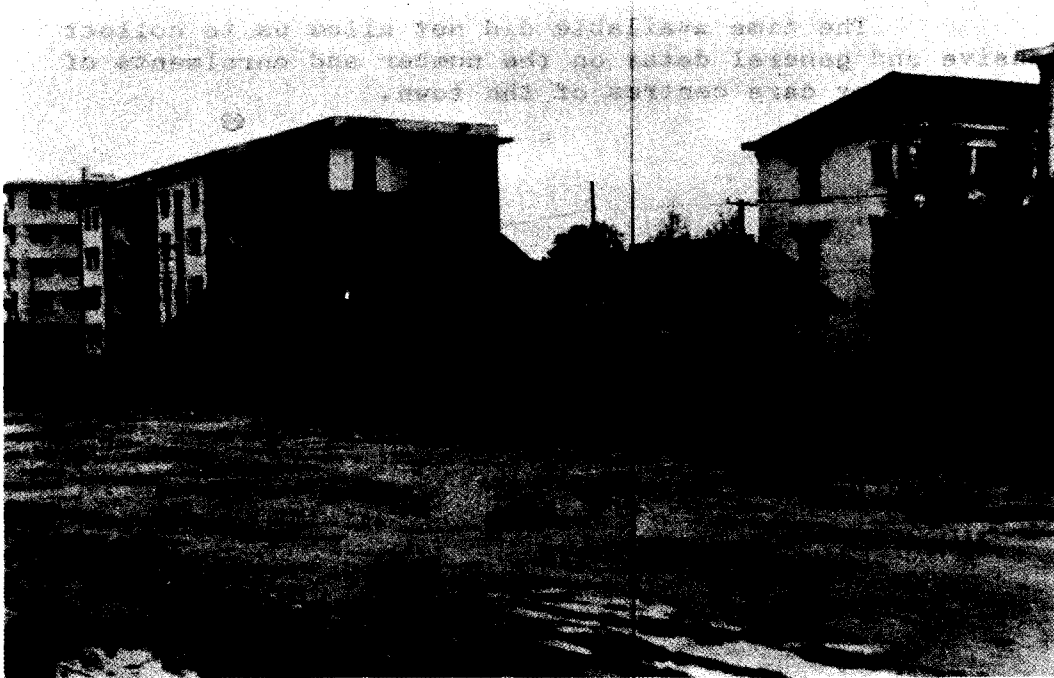


Plate 17. Old and new dwelling houses near the future Day-Care Centre.

ANNEX 3

DAY CARE CENTRE
FOR 270 CHILDREN

VIETNAMESE TECHNICAL
TEAM'S PROPOSAL.

Envisaged enrolment

	Age groups	Nb of groups	Nb of children per group	Boarders
Normal Day Care Enrolment	a) 2-10 months	1	25	
	b) 10-18 months	1	25	
	c) 18-24 months	1	25	
	d) 24-36 months	1	25	x
	e) 36-48 months	1	25	x
Infant Class age	f) 48-60 months	1	30	x
	g) 60-72 months	1	30	x
	Total	10	270	

Staff

- Doctor	1
- Nurses	30
- Personnel (cooks, cleaners, bookkeepers, etc ...)	19
Total	50

Vietnamese technical team's proposal

(based on 270 children)

SPACE ANALYSIS

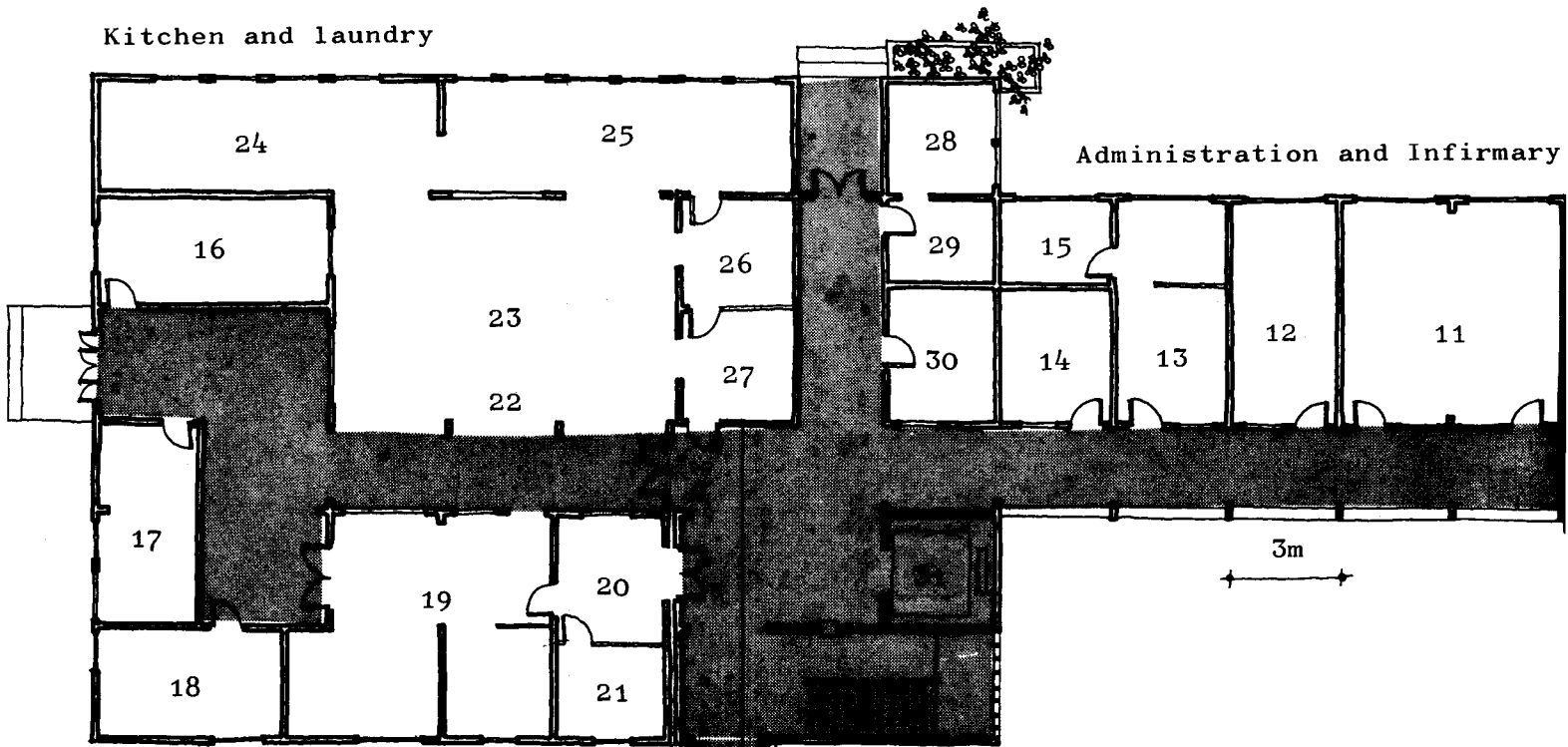
	m ²	m ² /child	%
A - CHILDREN UNITS			
1. Reception rooms	156.00	0.58	5.51
2. Isolation rooms	64.80	0.24	2.29
3. Distribution of food	108.00	0.40	3.82
4. Toilets	201.60	0.75	7.12
5. Play and eating rooms	441.60	1.63	15.61
6. Bed rooms	259.20	0.96	9.16
7. Storage (beds)	57.60	0.21	2.03
8. Verandahs	158.40	0.59	5.60
9. Nurses' toilets	21.60	0.08	0.76
SUB-TOTAL A	1,468.80	5.44	51.90
B - ADMINISTRATION AND INFIRMARY			
10. Administration	18.00		
11. Meeting and work room (30-40 pers)	36.00		
12. Director's Office	18.00		
13. Quarantine room (4 beds)	18.00		
14. Infirmary	10.80		
15. Toilets	7.20		
SUB-TOTAL B	108.00	0.40	3.82
C - KITCHEN AND LAUNDRY			
16. Dry food store	18.00		
17. Fresh food store (vegetables)	16.20		
18. Coal store	14.40		
19. Kitchen (incl. covered space for washing)	61.20		
20. Distribution of food (central)	11.40		
21. Food store	6.60		
22. Water tank (outside space)	-	-	-
23. Open courtyard (" ")	-	-	-
24. Laundry	27.00		
25. Drying room	27.00		
26. Mending, ironing	9.00		
27. Linen store	9.00		
28. Women's toilets (2)	9.00		
29. Men's toilets (1)	7.20		
30. Showers (3)	10.80		
31. Food hoist	18.00		
*SUB-TOTAL C	244.80	0.91	8.65

(Space Analysis, cont'd)

(based on 270 children)

	m ²	m ² /child	%
D - COMMON ROOMS			
32. Teachers' room (practical work)	18.00		
33. Music and dance room	54.00		
34. Gymnastics room	54.00		
35. Nurses' toilets	18.00		
36. Nurses' rest room	32.40		
SUB-TOTAL D	176.40	0.65	6.23
CIRCULATION SPACE	831.80	3.08	29.40
GRAND TOTAL	2.829.80	10.48	100.00

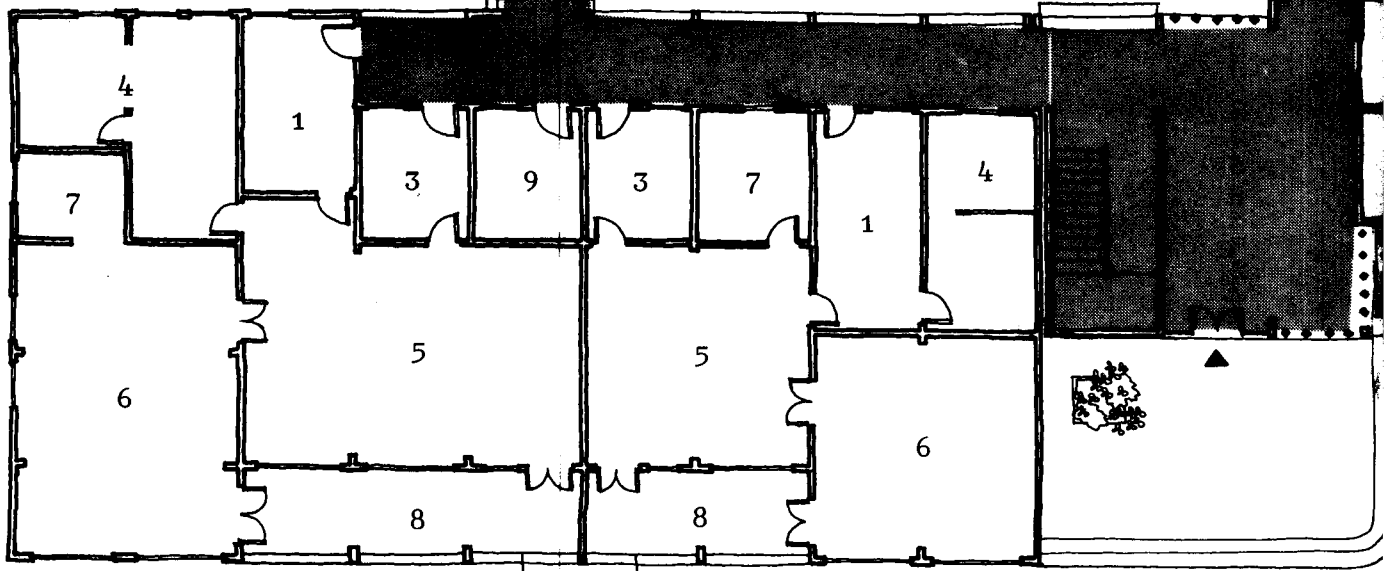
Kitchen and laundry



Administration and Infirmary

3m

Open central courtyard

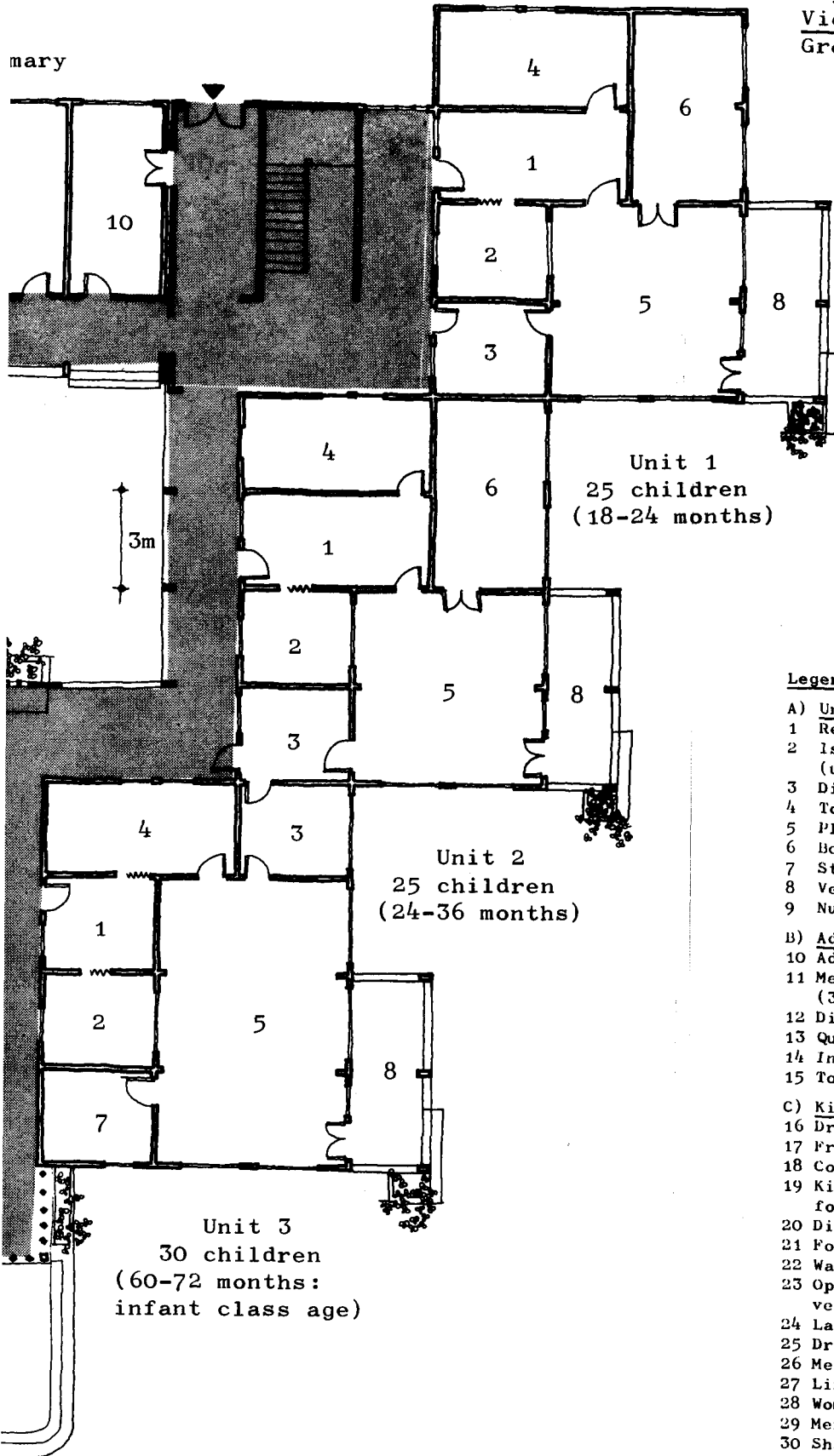
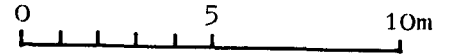


Unit 5 : 30 children "boarders"
(48-60 months: infant class age)

Unit 4 : 25 children "boarders"
(24-36 months)

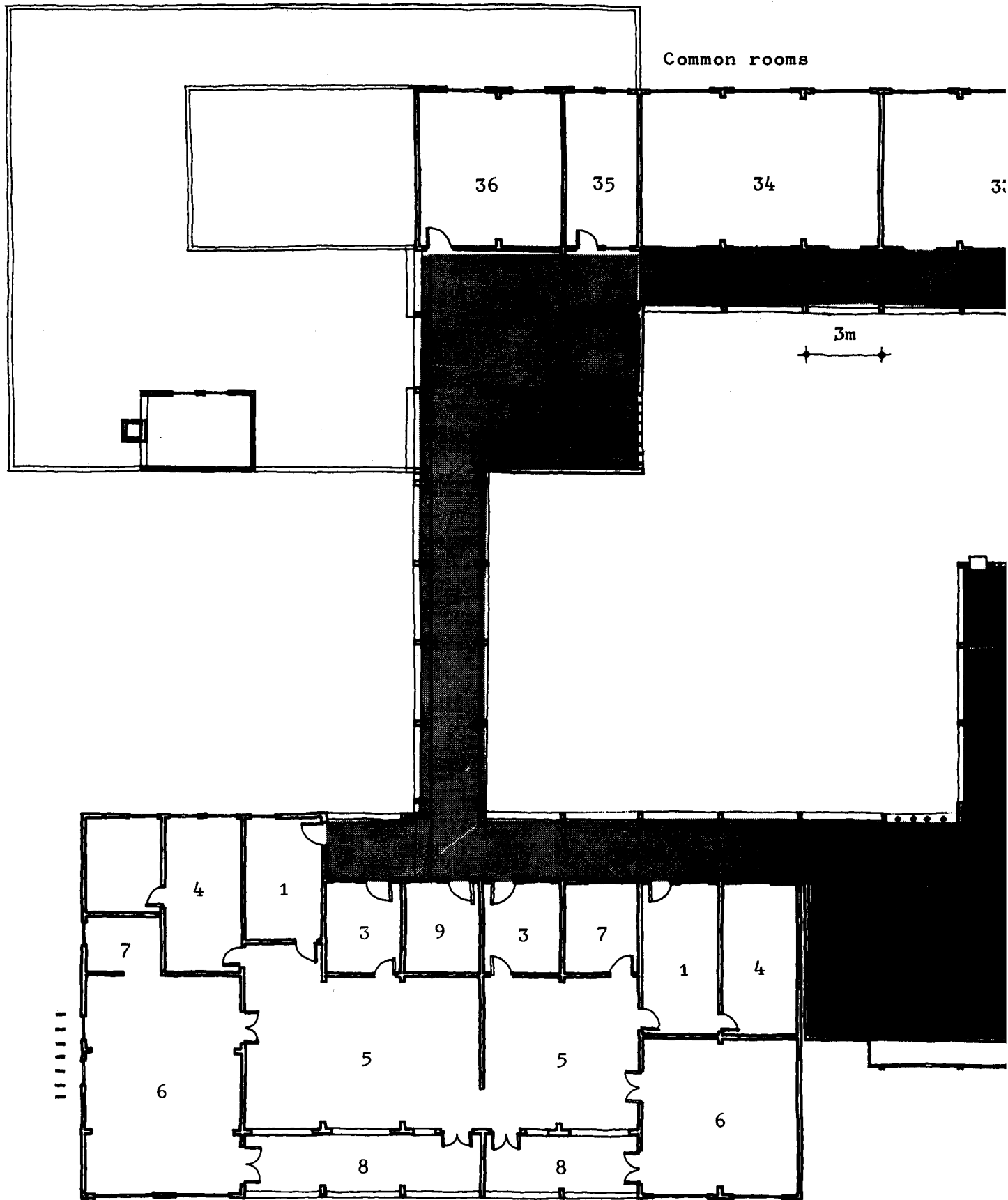
DRAWING No 3
Day-Care Centre for 270 children
Vietnamese Technical Team's proposal
Ground floor plan

Scale: 1/200



Legend

- A) Units 1-5
 - 1 Reception room
 - 2 Isolation room (undisposed children)
 - 3 Distribution of food
 - 4 Toilets
 - 5 Play and eating room
 - 6 Bedroom
 - 7 Storage (beds)
 - 8 Verandah
 - 9 Nurses' toilets
- B) Administration and Infirmary
 - 10 Administration
 - 11 Meeting and workroom (30 - 40 persons)
 - 12 Director's office
 - 13 Quarantine room (4 beds)
 - 14 Infirmary
 - 15 Toilets
- C) Kitchen and laundry
 - 16 Dry food store
 - 17 Fresh food store (vegetables)
 - 18 Coal store
 - 19 Kitchen (incl. covered space for washing)
 - 20 Distribution of food (central)
 - 21 Food store
 - 22 Water tank
 - 23 Open courtyard (washing of vegetables)
 - 24 Laundry
 - 25 Drying room
 - 26 Mending, ironing
 - 27 Linen store
 - 28 Women's toilets
 - 29 Men's toilets
 - 30 Showers
 - 31 Food hoist



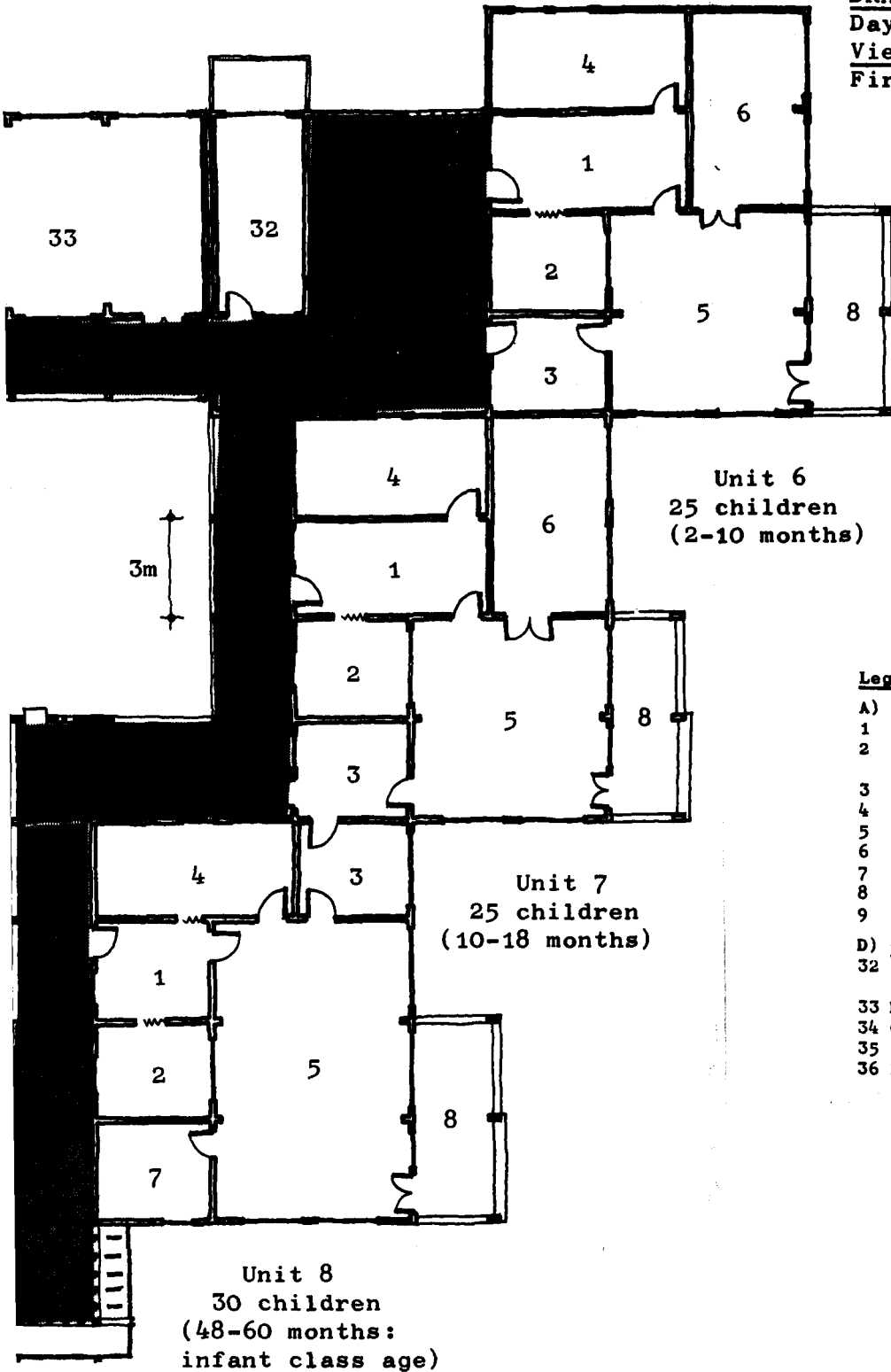
Unit 10: 30 children "boarders"
(36-48 months)

Unit 9: 25 children "boarders"
(18-24 months)

DRAWING No 4

**Day-Care Centre for 270 children
Vietnamese Technical Team's proposal
First floor plan**

Scale: 1/200



Unit 6
25 children
(2-10 months)

Unit 7
25 children
(10-18 months)

Unit 8
30 children
(48-60 months:
infant class age)

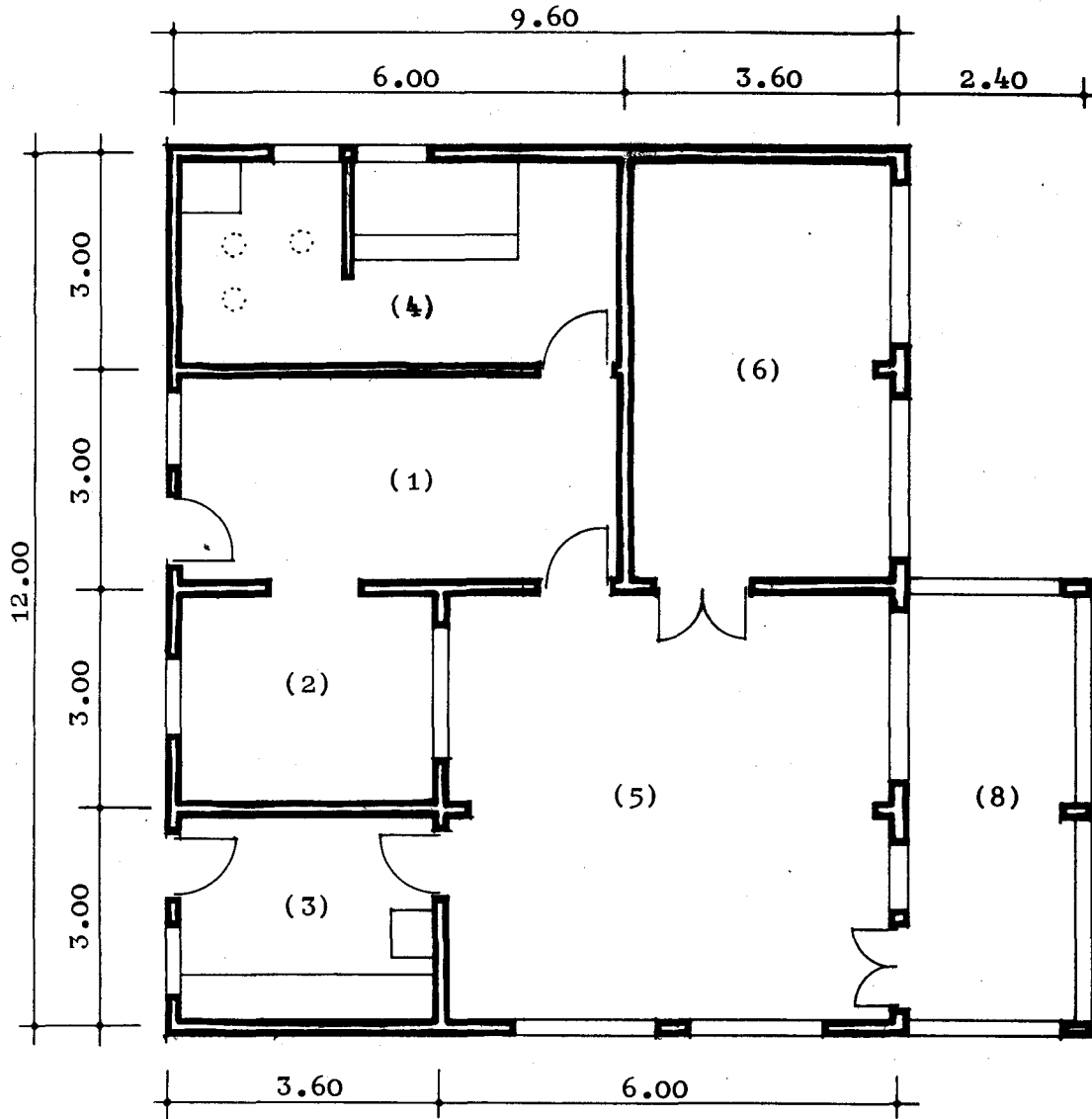
Legend

- A) Unit 6-10
- 1 Reception room
- 2 Isolation room
(for undisposed children)
- 3 Distribution of food
- 4 Toilets
- 5 Play and eating room
- 6 Bedroom
- 7 Storage (beds)
- 8 Verandah
- 9 Nurses' toilets
- D) Common rooms
- 32 Teachers' room
(practical work)
- 33 Music and dance room
- 34 Gymnastic room
- 35 Nurses' toilets
- 36 Nurses rest room
(for nurses staying
overnight)

DRAWING No 5
Day Care Centre for 270 children
Vietnamese Technical Team's
Proposal
STANDARD UNIT FOR 25 CHILDREN



Scale: 1/100



	m ²	m ² (Vietnam. standards)
1) Reception room	18.00	12 to 16
2) Isolation room (undisposed children)	10.80	6 to 8
3) Distribution of food	10.80	6 to 8
4) Toilets	18.00	18 to 24
5) Play and eating room	36.00	36 to 48
6) Bedroom	21.60	28 to 36
7) Storage (beds)	-	-
8) Verandah	14.40	18 to 24
	129.60	124 to 164

ANNEX 4

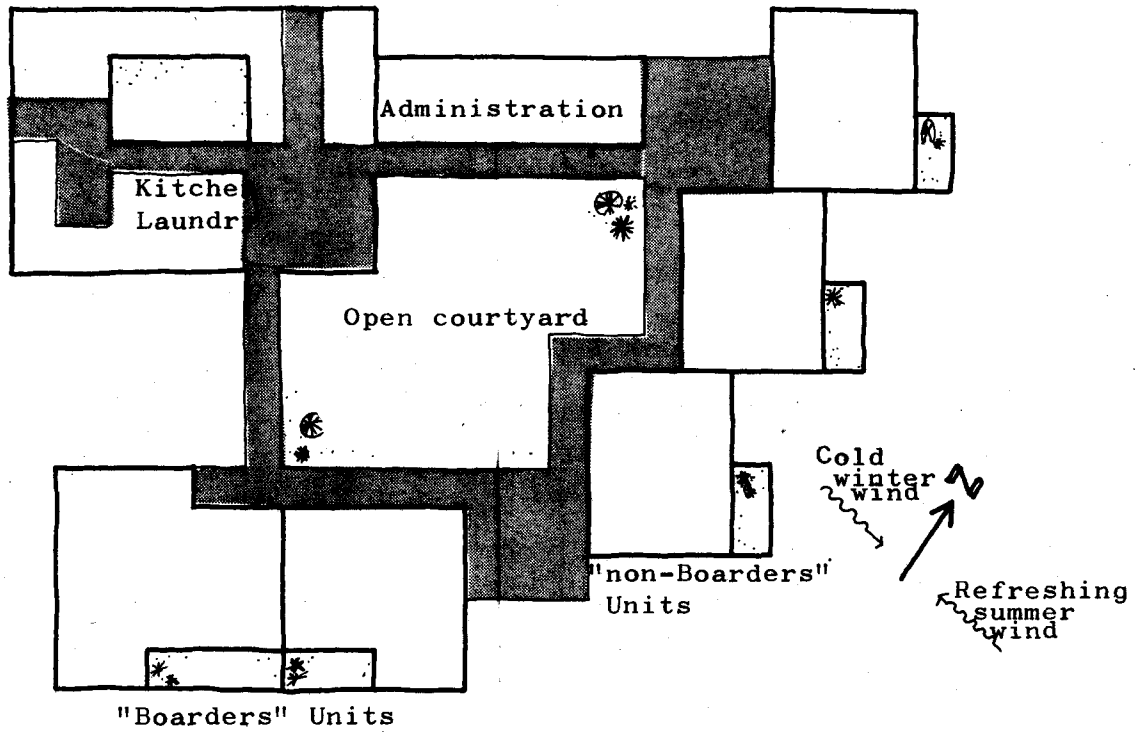
An attempt to reduce
circulation space through
suitable layout.

DRAWING No 6
Day-Care Centre, for 270 children
General layout and circulation
space analysis

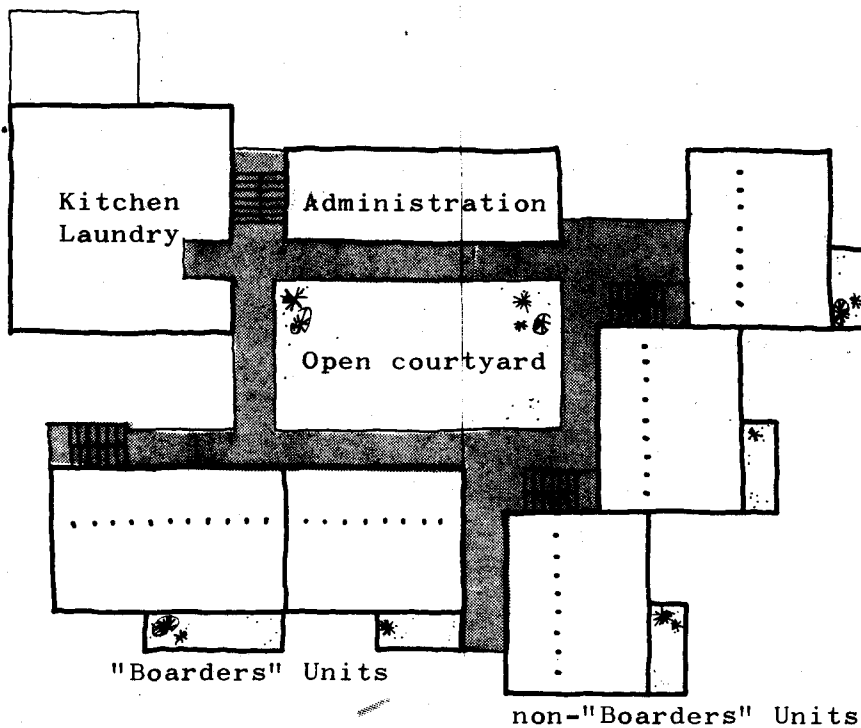
Scale: 1/500

VIETNAMESE TECHNICAL TEAM'S PROPOSAL

0 5 10m
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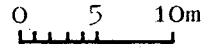


PROPOSED ALTERNATIVE

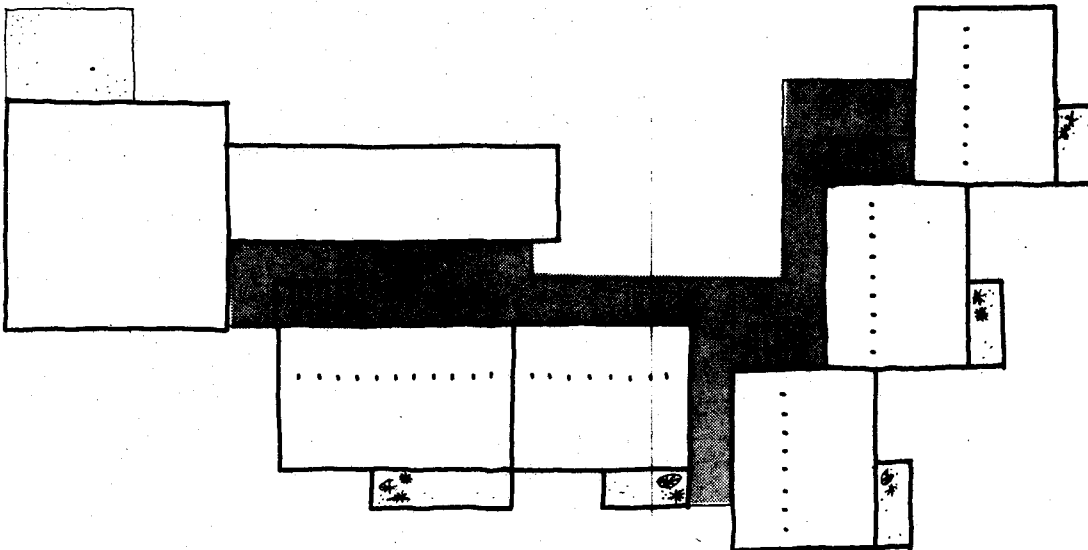
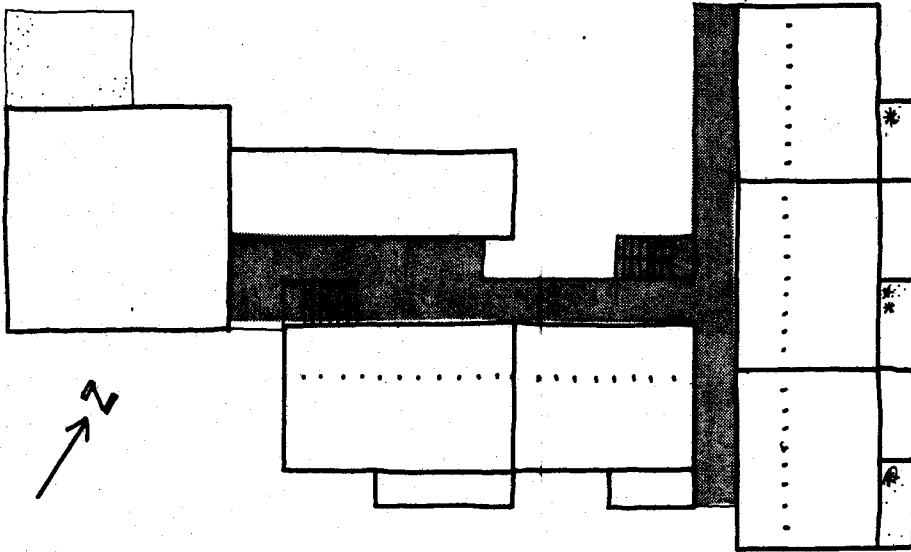


DRAWING No 7
Day-Care Centre for 270 children
General layout and circulation
space analysis

Scale: 1/500



ALTERNATIVE LAYOUTS WITHOUT CENTRAL COURTYARD



ANNEX 5

Alternative proposal No 1

Alternative proposal No.1

SPACE ANALYSIS

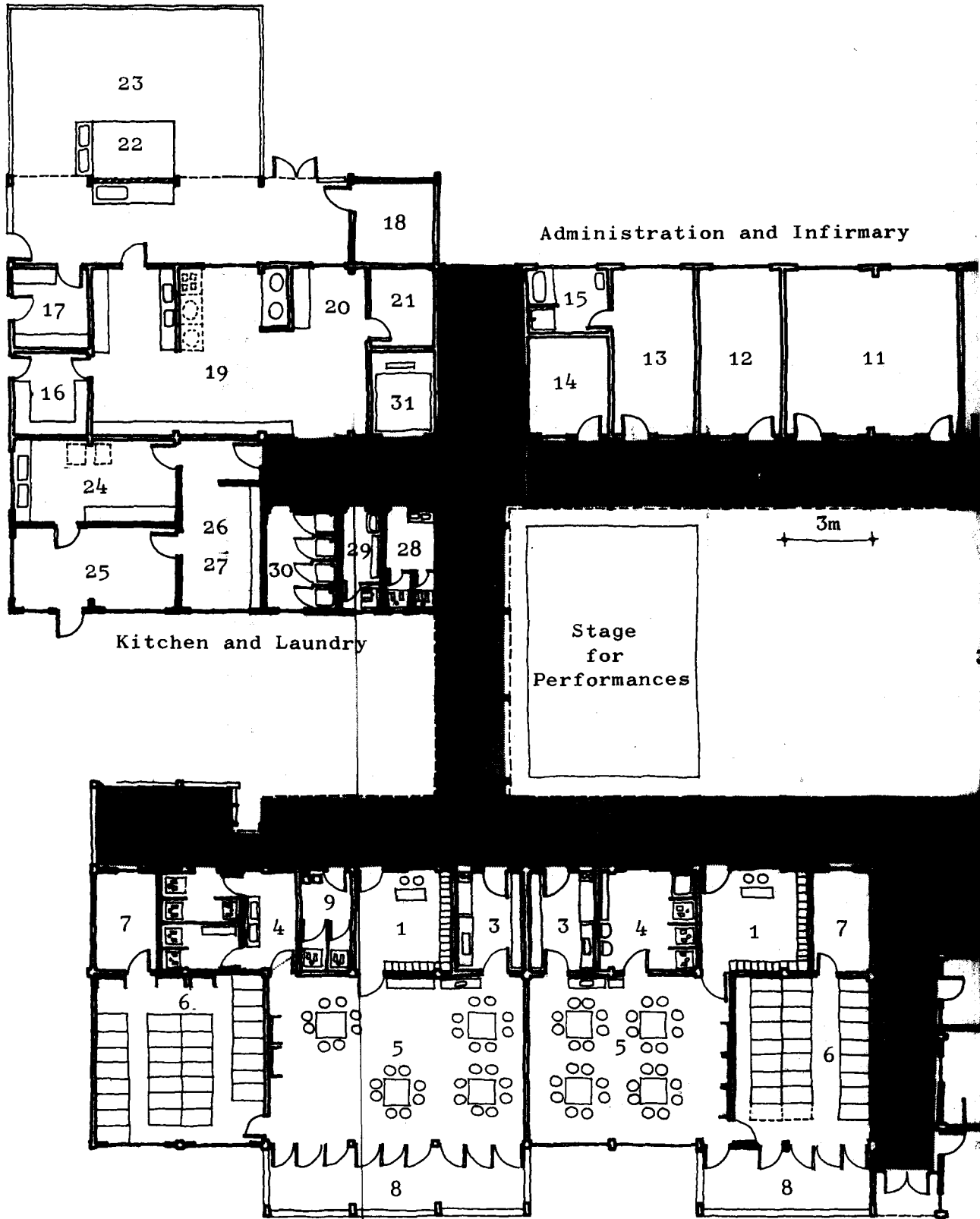
(based on 270 children)

	m ²	m ² /child	%
A - CHILDREN UNITS			
1. Reception rooms	129.60	0.48	5.22
2. Isolation rooms	51.84	0.19	2.07
3. Distribution of food	86.40	0.32	3.48
4. Toilets	136.80	0.51	5.51
5. Play and eating rooms	446.40	1.65	17.97
6. Bed rooms	309.60	1.14	12.46
7. Storages (beds)	34.56	0.13	1.39
8. Verandahs	158.40	0.59	6.38
9. Nurses' toilets	14.40	0.05	0.58
SUB-TOTAL A	1,368.00	5.06	55.06
B - ADMINISTRATION AND INFIRMARY			
10. Administration	18.00		
11. Meeting and work room (30-40 pers)	36.00		
12. Director's office	18.00		
13. Quarantine room (4 beds)	18.00		
14. Infirmary	10.80		
15. Toilets	7.20		
SUB-TOTAL B	108.00	0.40	4.35
C - KITCHEN AND LAUNDRY			
16. Dry food store	9.00		
17. Fresh food store (vegetables)	9.00		
18. Coal store	7.20		
19. Kitchen (incl. covered space for washing)	63.00		
20. Distribution of food (central)	16.20		
21. Food store	7.20		
22. Water tank (outside space)	-		
23. Open courtyard (" ")	-		
24. Laundry	18.00		
25. Drying room	18.00		
26. Mending, ironing }	18.00		
27. Linen store }			
28. Women's toilets (2)	7.92		
29. Men's toilets (1)	5.04		
30. Showers (3)	8.64		
31. Food hoist	14.40		
SUB-TOTAL C	201.60	0.75	8.11

(alternative proposal No 1
Space Analysis - cont'd)

(based on 270 children)

	m ²	m ² /child	%
D - COMMON ROOMS			
32. Teachers' room (practical work)	18.00		
33. Music and dance room }			
34. Gymnastic room }	54.00		
35. Nurses' toilets	18.00		
36. Nurses' rest room	36.00		
SUB-TOTAL D	126.00	0.47	5.07
CIRCULATION SPACE	681.10	2.52	27.41
GRAND TOTAL	2,484.70	9.20	100.00



Administration and Infirmary

Kitchen and Laundry

Stage
for
Performances

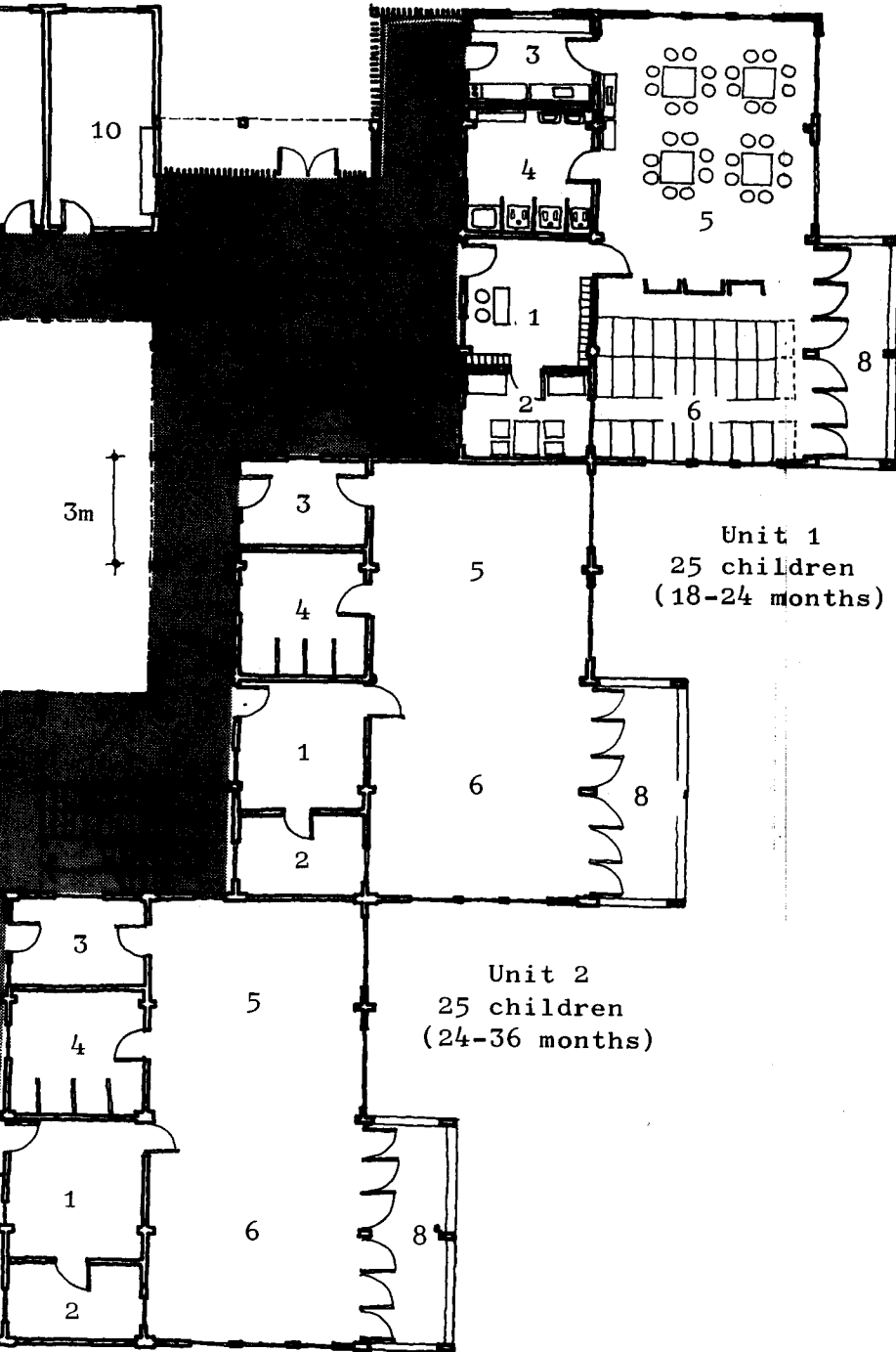
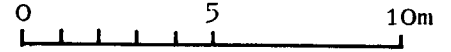
3m

Unit 5
30 children "boarders"
(48-60 months
infant class age)

Unit 4
25 children "boarders"
(24-36 months)

DRAWING No 8
Day-Care Centre for 270 children
Alternative proposal No 1
Ground floor plan

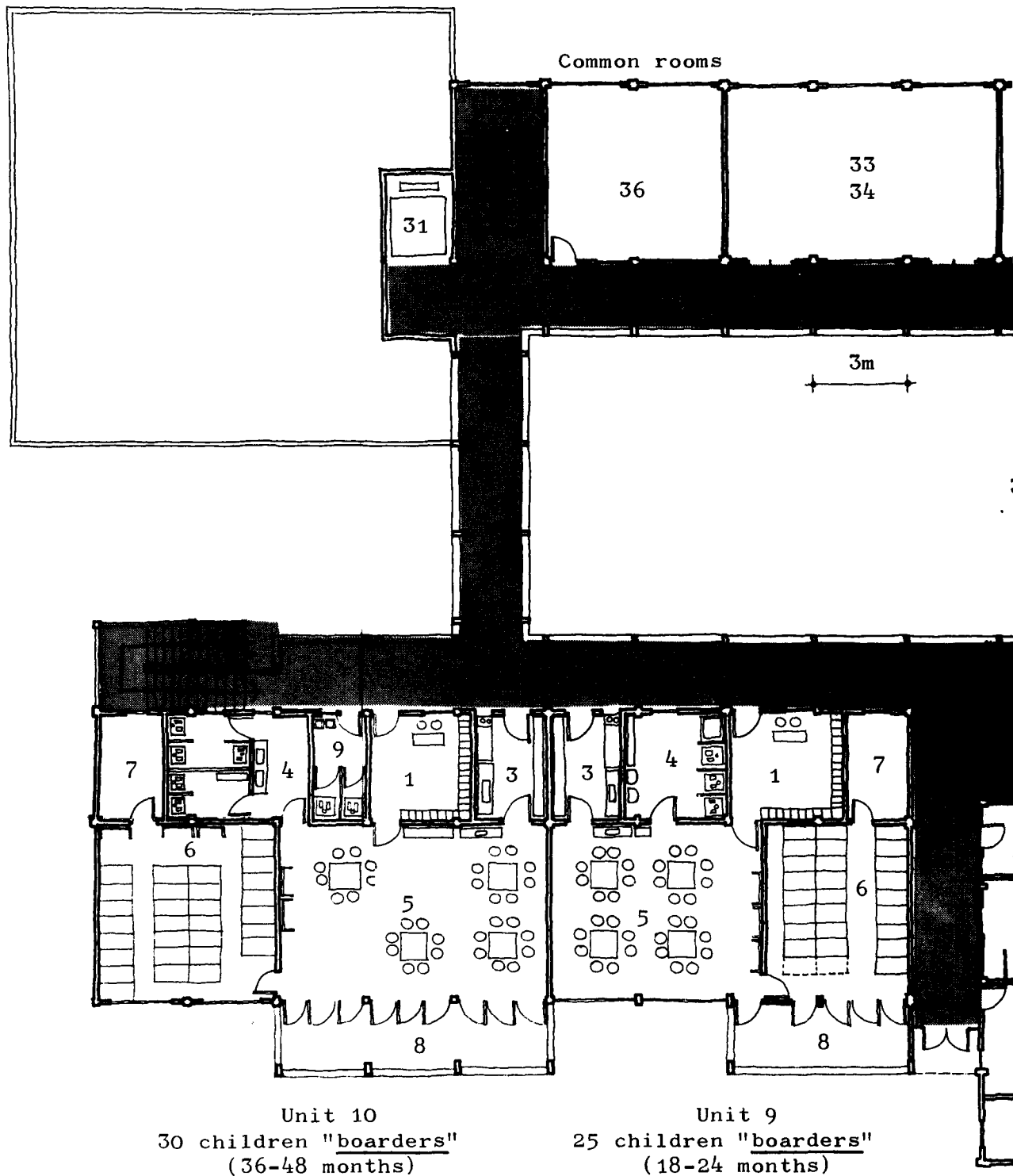
Scale: 1/200



Legend

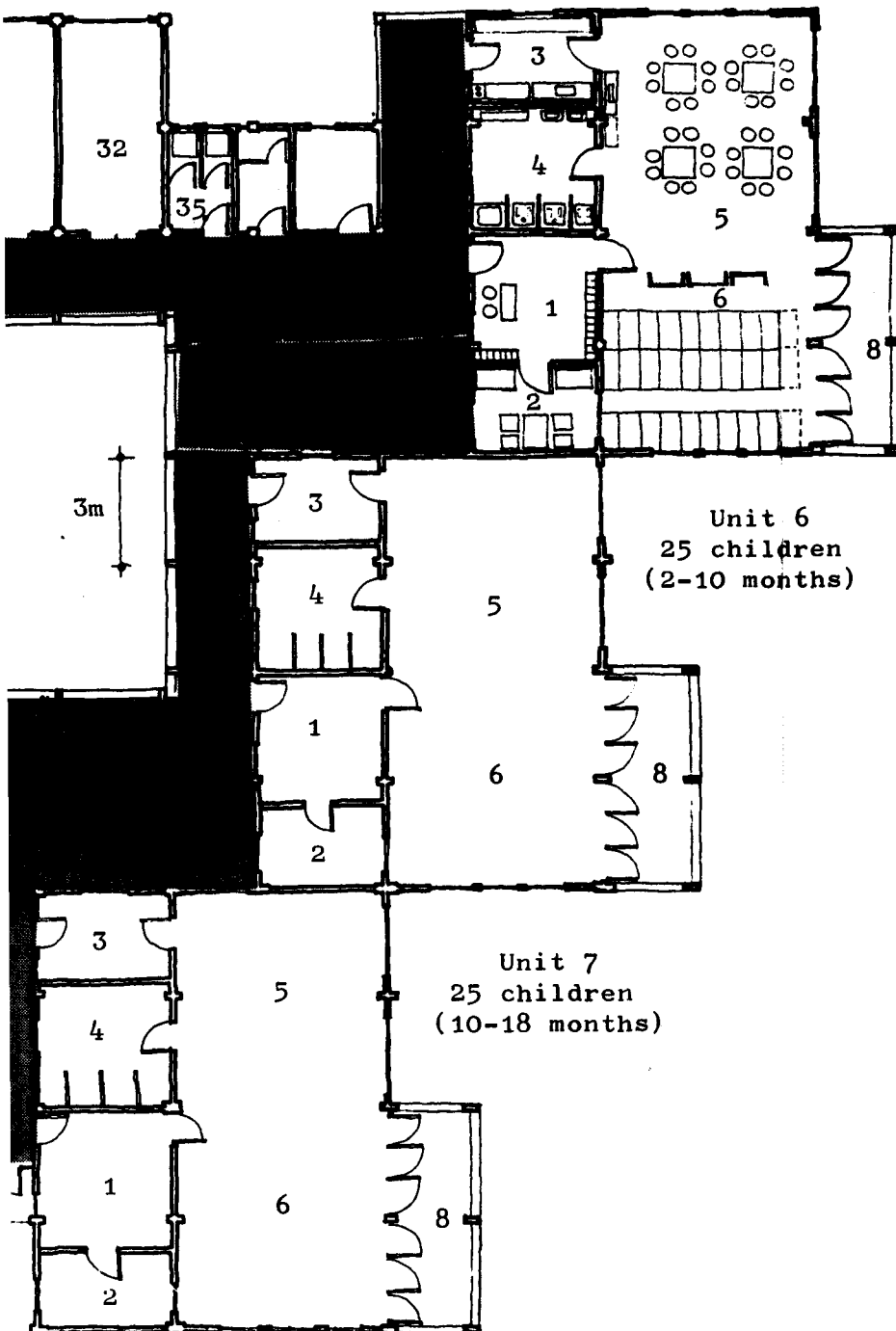
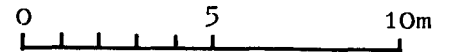
- A) Units 1-5
 - 1 Reception room
 - 2 Isolation room (undisposed children)
 - 3 Distribution of food
 - 4 Toilets
 - 5 Play and eating room
 - 6 Bedroom
 - 7 Storage (beds)
 - 8 Verandah
 - 9 Nurses' toilets
- B) Administration and Infirmary
 - 10 Administration
 - 11 Meeting and workroom (30 - 40 persons)
 - 12 Director's office
 - 13 Quarantine room (4 beds)
 - 14 Infirmary
 - 15 Toilets
- C) Kitchen and laundry
 - 16 Dry food store
 - 17 Fresh food store (vegetables)
 - 18 Coal store
 - 19 Kitchen (incl. covered space for washing)
 - 20 Distribution of food (central)
 - 21 Food store
 - 22 Water tank
 - 23 Open courtyard (washing of vegetables)
 - 24 Laundry
 - 25 Drying room
 - 26 Mending, ironing
 - 27 Linen store
 - 28 Women's toilets
 - 29 Men's toilets
 - 30 Showers
 - 31 Food hoist

Unit 3
 30 children
 (60-72 months
 infant class age)



DRAWING No 9
Day-Care Centre for 270 children
Alternative proposal No 1
First floor plan

Scale: 1/200



Legend

- A) Units 6-10
1 Reception room
2 Isolation room
(indisposed children)
3 Distribution of food
4 Toilets
5 Play and eating room
6 Bedroom
7 Storage (beds)
8 Verandah
9 Nurses' toilets
- D) Common rooms
32 Teachers' room (practical work)
33 Music (song) and dance room
34 Gymnastics
35 Nurses' toilets
36 Nurses' rest room (for
nurses staying overnight)

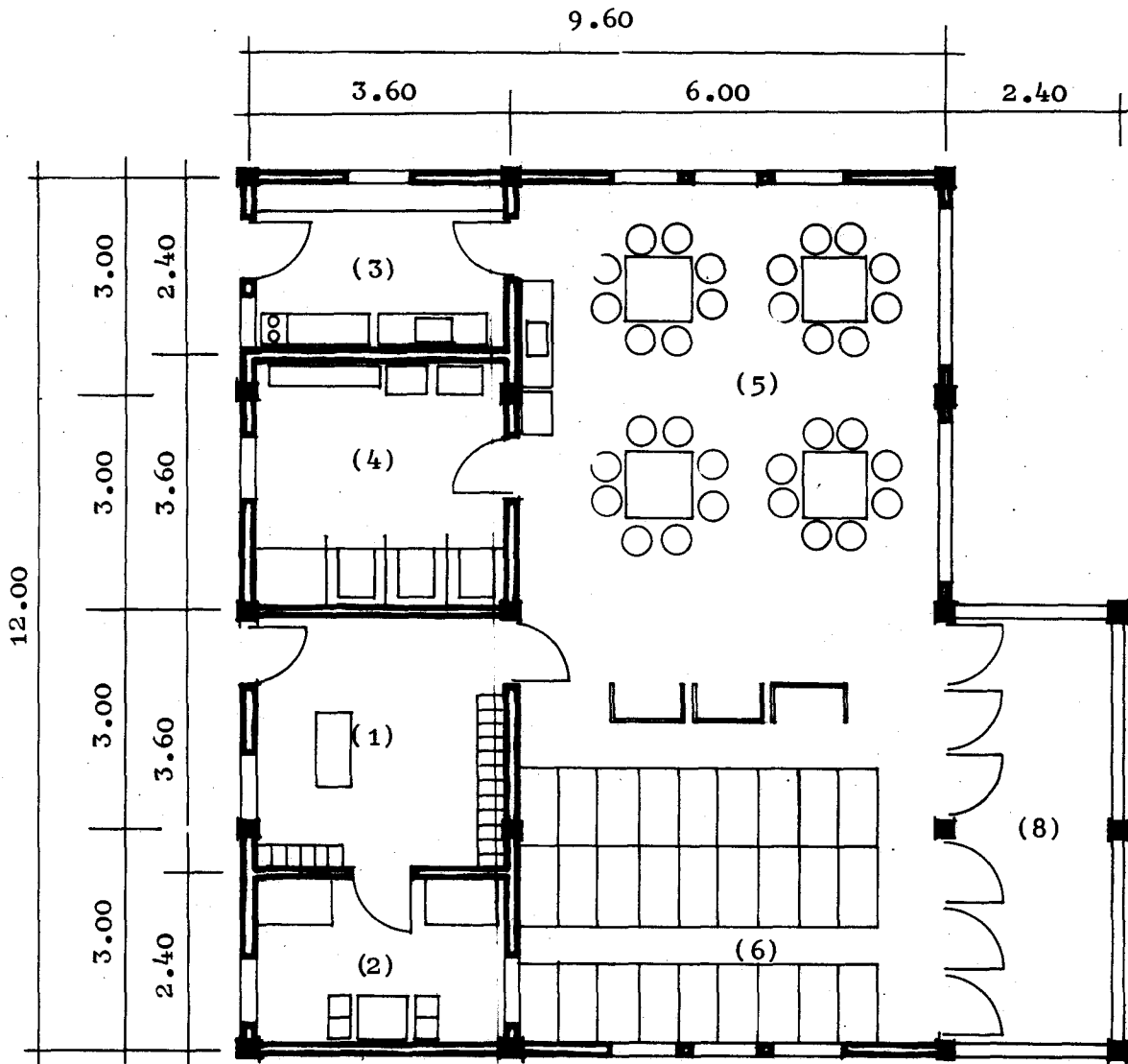
Unit 8
30 children
(48-60 months
infant class age)

DRAWING No 10
Day-Care Centre for 270 children
Alternative proposal No 1
STANDARD UNIT FOR 25 CHILDREN



Scale: 1/100

Characteristics: Bedroom in the South/Direct connection
 playroom-toilets/Isolation room has
 direct view on the bedroom.



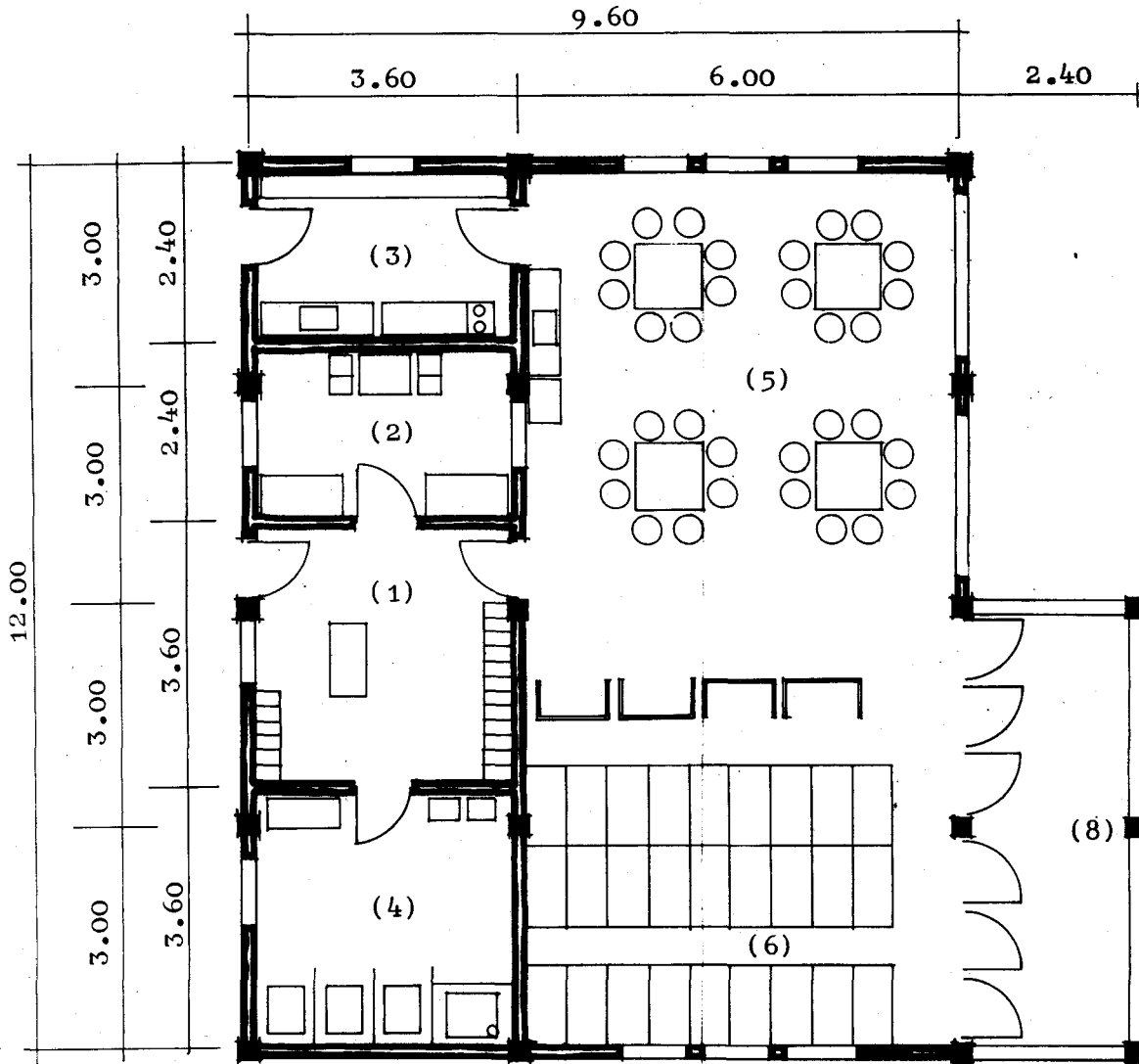
	m ²	m ² (Vietnam. standards)
1) Reception room	12.96	12 to 16
2) Isolation room (undisposed children)	8.64	6 to 8
3) Distribution of food	8.64	6 to 8
4) Toilets	12.96	18 to 24
5) Play and eating room	42.00	36 to 48
6) Bed room	30.00	28 to 36
7) Storage (beds)	-	-
	115.20	106 to 140
8) Verandah	14.40	18 to 24
	129.60	124 to 164

DRAWING No 11
Day-Care Centre for 270 children
Alternative proposal No 1A
STANDARD UNIT FOR 25 CHILDREN

Scale: 1/100



Characteristics: Bedroom in the South/connection play-room-toilets through the reception room/isolation room has direct view on the playroom.



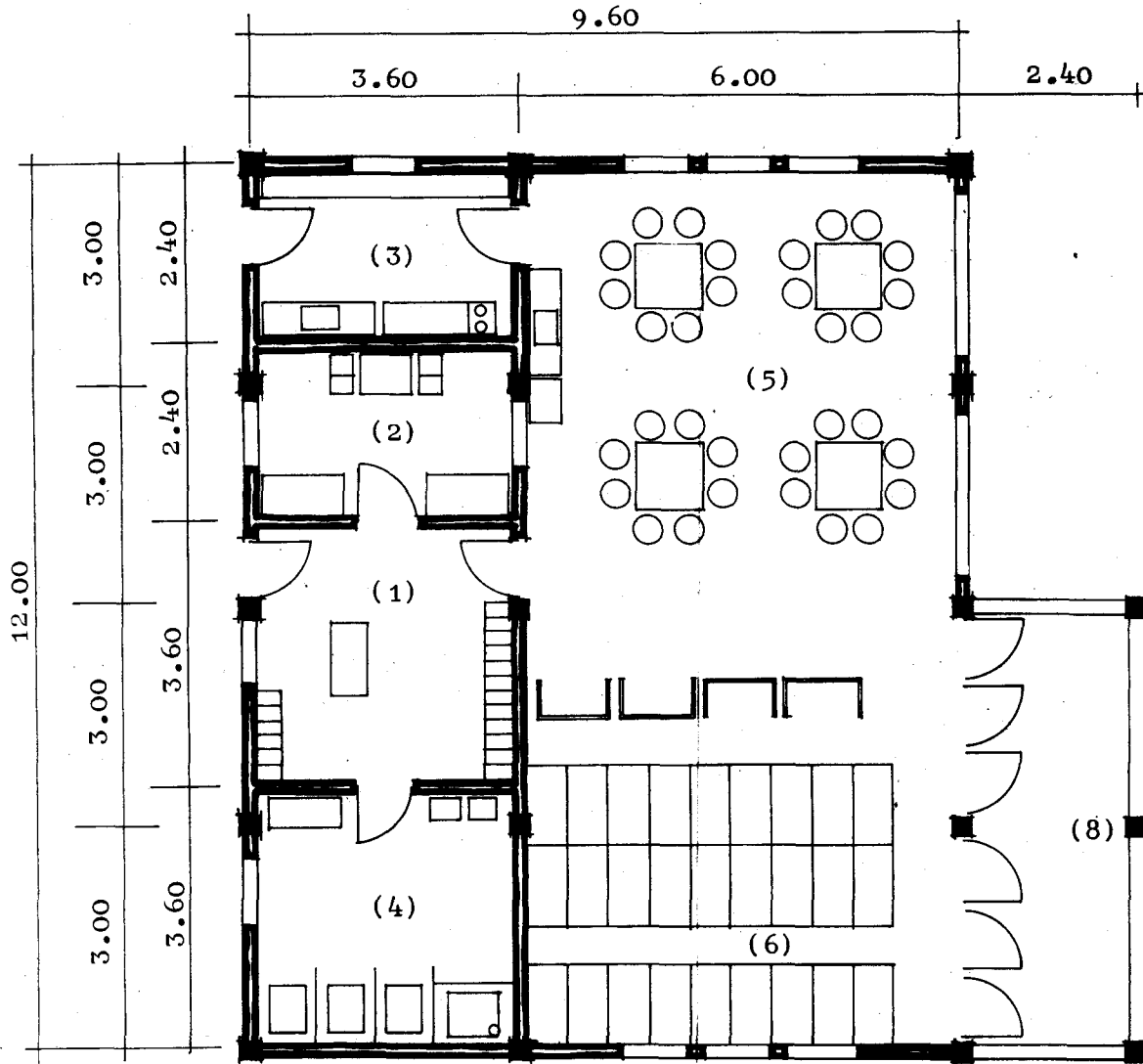
	m ²	m ² (Vietnam. standards)
1) Reception room	12.96	12 to 16
2) Isolation room (undisposed children)	8.64	6 to 8
3) Distribution of food	8.64	6 to 8
4) Toilets	12.96	18 to 24
5) Play and eating room	42.00	36 to 48
6) Bed room	30.00	28 to 36
7) Storage (beds)	-	-
	72.00	64 to 84
8) Verandah	115.20	106 to 140
	14.40	18 to 24
	129.60	124 to 164

DRAWING No 11
Day-Care Centre for 270 children
Alternative proposal No 1A
STANDARD UNIT FOR 25 CHILDREN

Scale: 1/100



Characteristics: Bedroom in the South/connection play-room-toilets through the reception room/isolation room has direct view on the playroom.



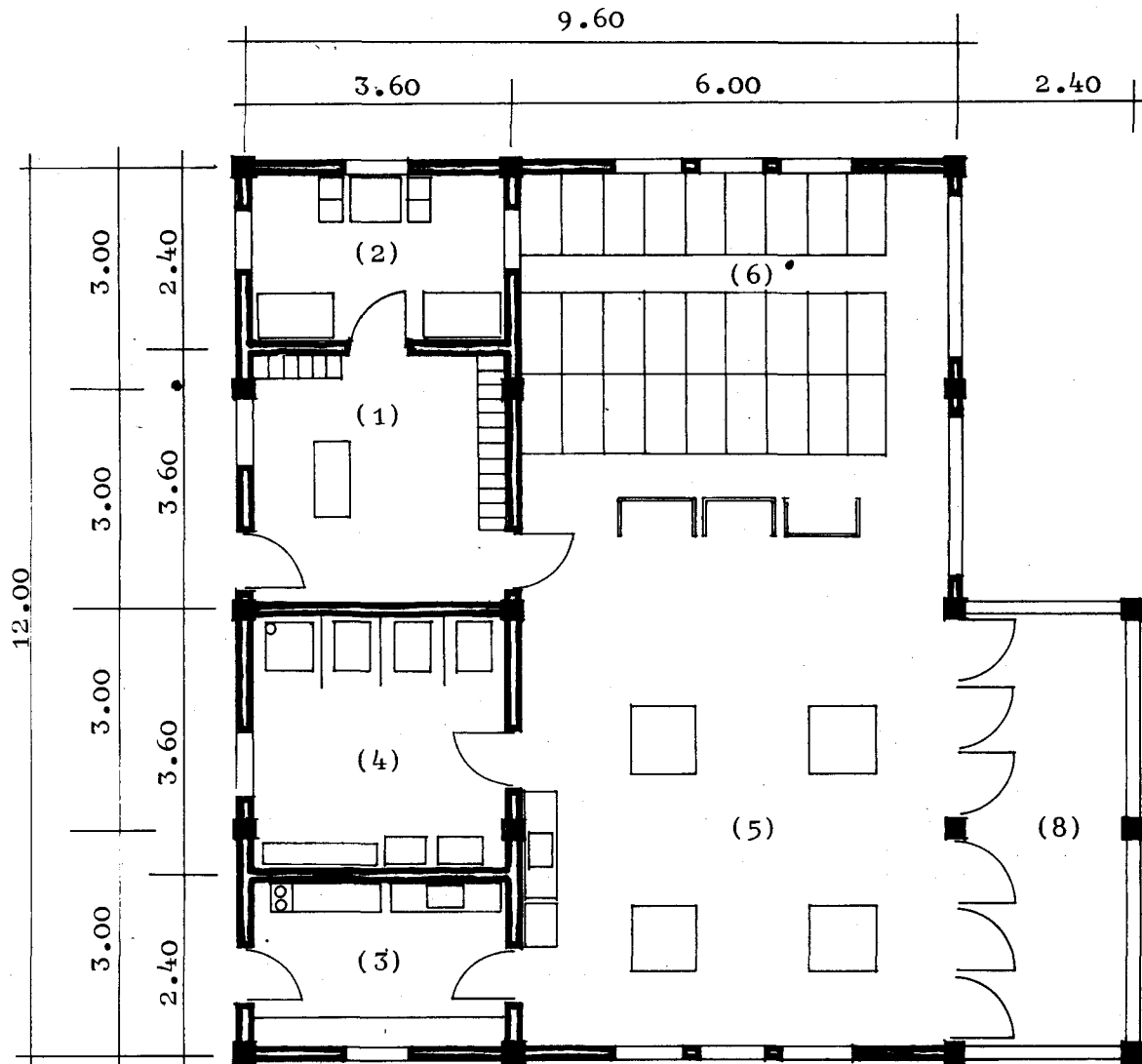
	m ²	m ² (Vietnam. standards)
1) Reception room	12.96	12 to 16
2) Isolation room (undisposed children)	8.64	6 to 8
3) Distribution of food	8.64	6 to 8
4) Toilets	12.96	18 to 24
5) Play and eating room	42.00	36 to 48
6) Bed room	30.00	28 to 36
7) Storage (beds)	-	-
	72.00	64 to 84
8) Verandah	115.20	106 to 140
	14.40	18 to 24
	129.60	124 to 164

DRAWING No 12
Day-Care Centre for 270 children
Alternative proposal No. 1B
STANDARD UNIT FOR 25 CHILDREN



Scale: 1/100

Characteristics: Playroom in the South/direct connection
 playroom-toilets/isolation room has
 direct view on the bedroom.



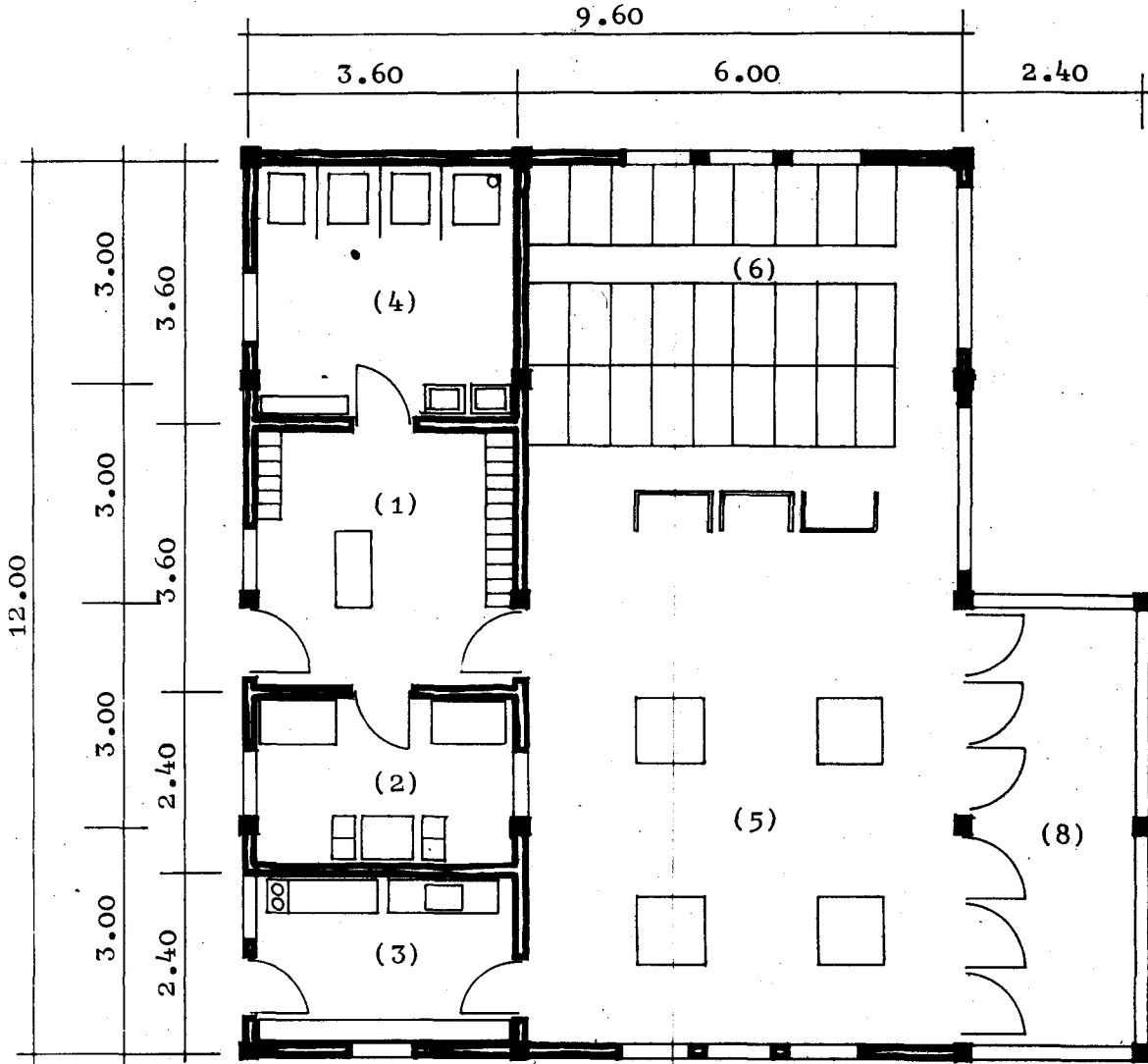
	m ²	m ² (Vietnam. standards)
1) Reception room	12.96	12 to 16
2) Isolation room (undisposed children)	8.64	6 to 8
3) Distribution of food	8.64	6 to 8
4) Toilets	12.96	18 to 24
5) Play and eating room	42.00	36 to 48
6) Bed room	30.00	28 to 36
7) Storage (beds)	-	-
	115.20	106 to 140
8) Verandah	14.40	18 to 24
	129.60	124 to 164

DRAWING No 13
Day-Care Centre for 270 children
Alternative proposal No 1C
STANDARD UNIT FOR 25 CHILDREN

Scale: 1/100



Characteristics: Playroom in the South/connection playroom-toilets through the reception room/isolation room has direct view on the playroom.



	m ²	m ² (Vietnam. standards)
1) Reception room	12.96	12 to 16
2) Isolation room (undisposed children)	8.64	6 to 8
3) Distribution of food	8.64	6 to 8
4) Toilets	12.96	18 to 24
5) Play and eating room	42.00	36 to 48
6) Bed room	30.00	28 to 36
7) Storage (beds)	-	-
	115.20	106 to 140
8) Verandah	14.40	18 to 24
	129.60	124 to 164

ANNEX 6

Alternative proposal No 2

Alternative proposal No. 2

SPACE ANALYSIS

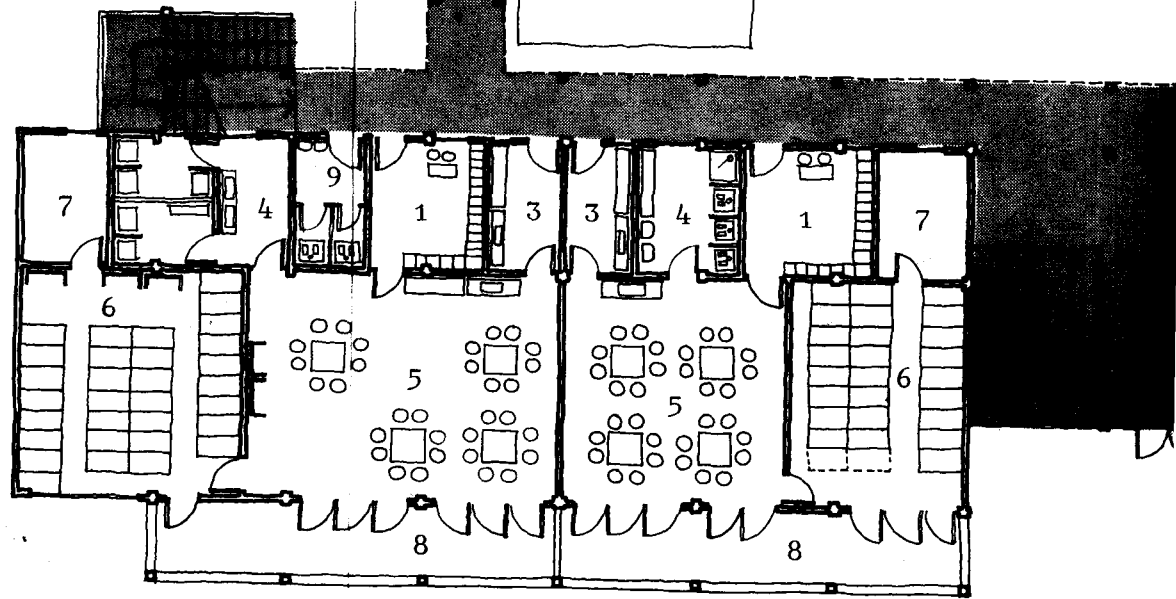
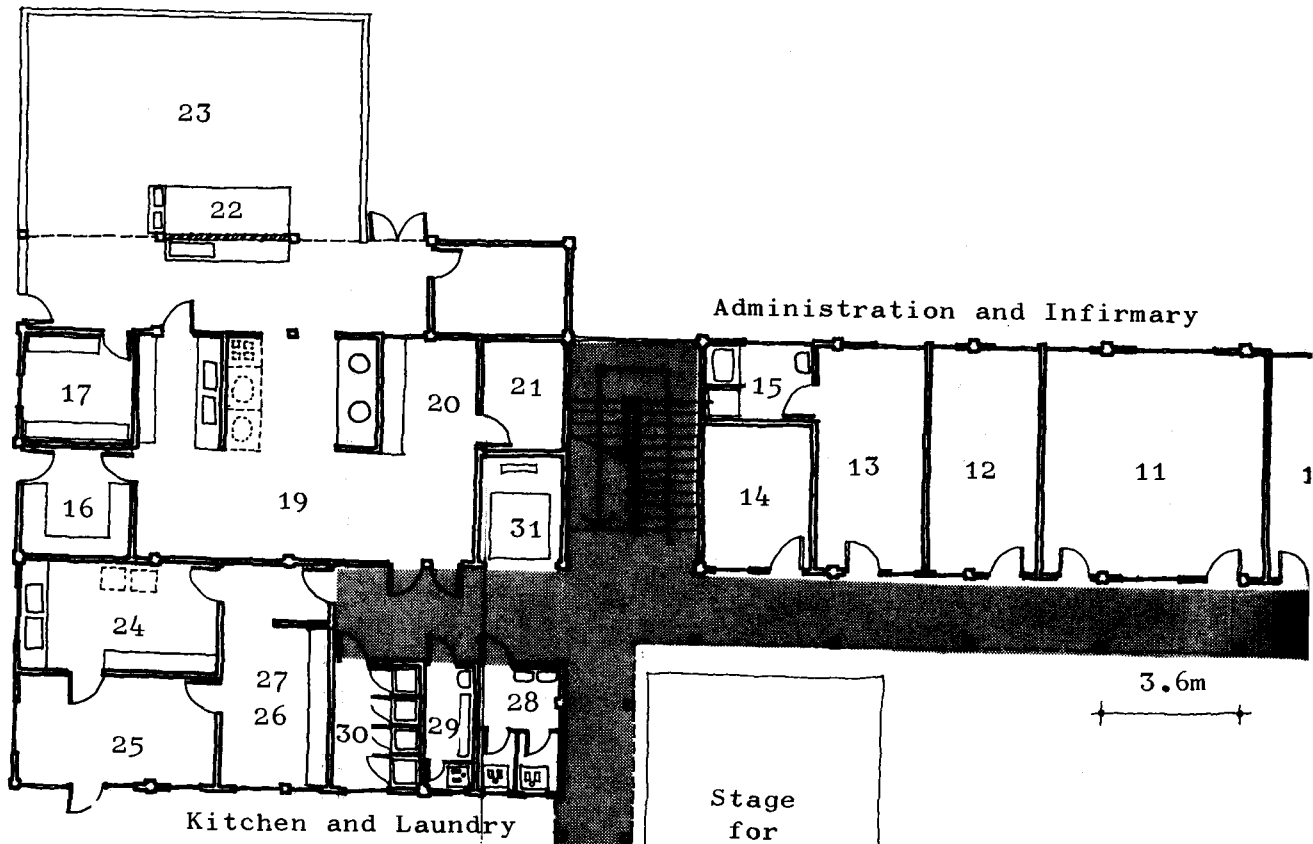
(based on 270 children)

	m ²	m ² /child	%
A - CHILDREN UNITS			
1. Reception rooms	109.44	0.40	4.70
2. Isolation rooms	51.84	0.19	2.23
3. Distribution of food	72.00	0.27	3.09
4. Toilets	132.48	0.49	5.67
5. Play and eating rooms	381.60	1.41	16.38
6. Bed rooms	309.60	1.15	13.29
7. Storages (beds)	34.56	0.13	1.49
8. Verandahs	207.36	0.77	8.90
9. Nurses' toilets	14.40	0.05	0.62
SUB-TOTAL A	1,313.28	4.86	56.37
B - ADMINISTRATION AND INFIRMARY			
10. Administration	18.00		
11. Meeting and work room (30-40 pers)	36.00		
12. Director's Office	18.00		
13. Quarantine room (4 beds)	18.00		
14. Infirmary	10.80		
15. Toilets	7.20		
SUB-TOTAL B	108.00	0.40	4.64
C - KITCHEN AND LAUNDRY			
16. Dry food store	9.00		
17. Fresh food store (vegetables)	9.00		
18. Coal store	8.64		
19. Kitchen (incl. covered space for washing)	60.00		
20. Distribution of food (central)	15.60		
21. Food store	7.20		
22. Water tank (outside space)	-		
23. Open courtyard (" ")	-		
24. Laundry	16.20		
25. Drying room	16.20		
26. Mending, ironing }			
27. Linen store }	18.00		
28. Women's toilets (2)	7.92		
29. Men's toilets (1)	5.04		
30. Showers (3)	8.64		
31. Food hoist	14.40		
SUB-TOTAL C	195.84	0.73	8.41

(alternative proposal No 2
Space Analysis - cont'd)

(based on 270 children)

	m ²	m ² /child	%
D - COMMON ROOMS			
32. Teachers' room (practical work)	18.00		
33. Music and dance room }	54.00		
34. Gymnastics room }			
35. Nurses' toilets	7.92		
36. Nurses' rest room	36.00		
SUB-TOTAL D	115.92	0.43	4.98
CIRCULATION SPACE	596.52	2.21	25.60
GRAND TOTAL	2,329.56	8.63	100.00

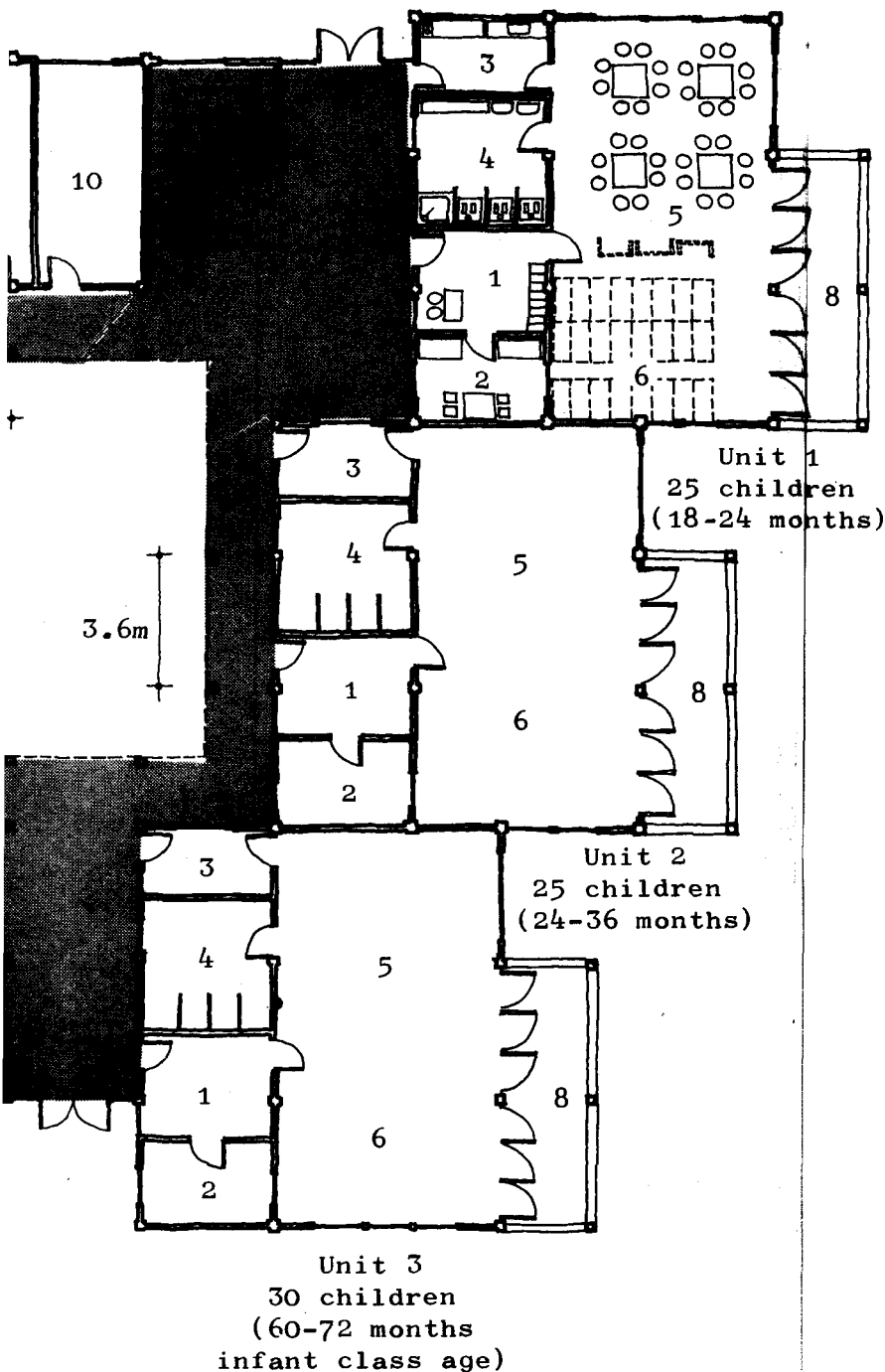
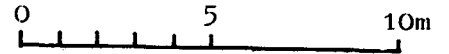


Unit 5
30 children "boarders"
(48-60 months
infant class age)

Unit 4
25 children "boarders"
(24-36 months)

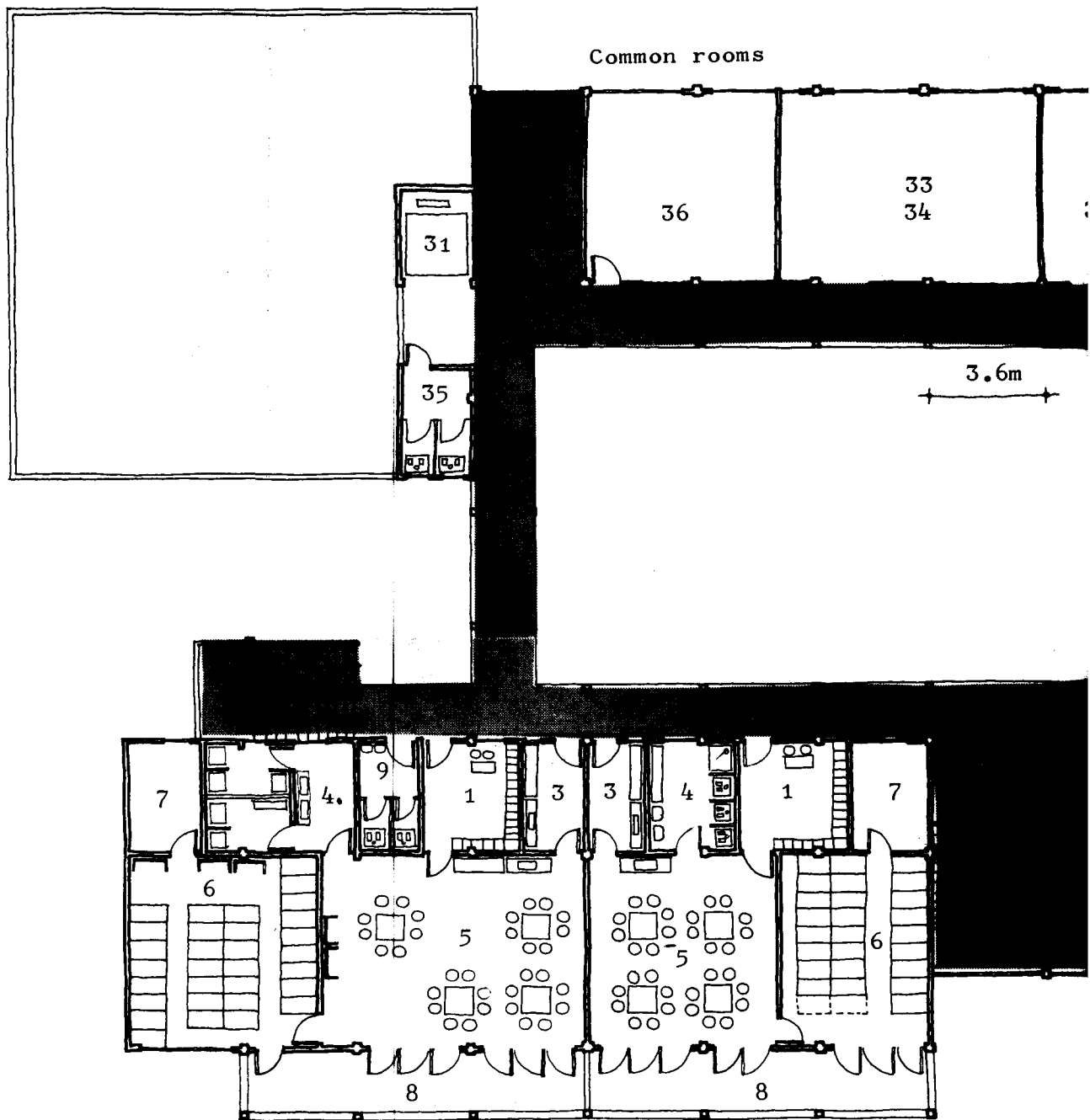
DRAWING No 14
Day-Care Centre for 270 children
Alternative proposal No 2
Ground floor plan

Scale: 1/200



Legend

- A) Units 1-5
- 1 Reception room
 - 2 Isolation room (undisposed children)
 - 3 Distribution of food
 - 4 Toilets
 - 5 Play and eating room
 - 6 Bedroom
 - 7 Storage (beds)
 - 8 Verandah
 - 9 Nurses' toilets
- B) Administration and Infirmary
- 10 Administration
 - 11 Meeting and workroom (30 - 40 persons)
 - 12 Director's office
 - 13 Quarantine room (4 beds)
 - 14 Infirmary
 - 15 Toilets
- C) Kitchen and laundry
- 16 Dry food store
 - 17 Fresh food store (vegetables)
 - 18 Coal store
 - 19 Kitchen (incl. covered space for washing)
 - 20 Distribution of food (central)
 - 21 Food store
 - 22 Water tank
 - 23 Open courtyard (washing of vegetables)
 - 24 Laundry
 - 25 Drying room
 - 26 Mending, ironing
 - 27 Linen store
 - 28 Women's toilets
 - 29 Men's toilets
 - 30 Showers
 - 31 Food hoist

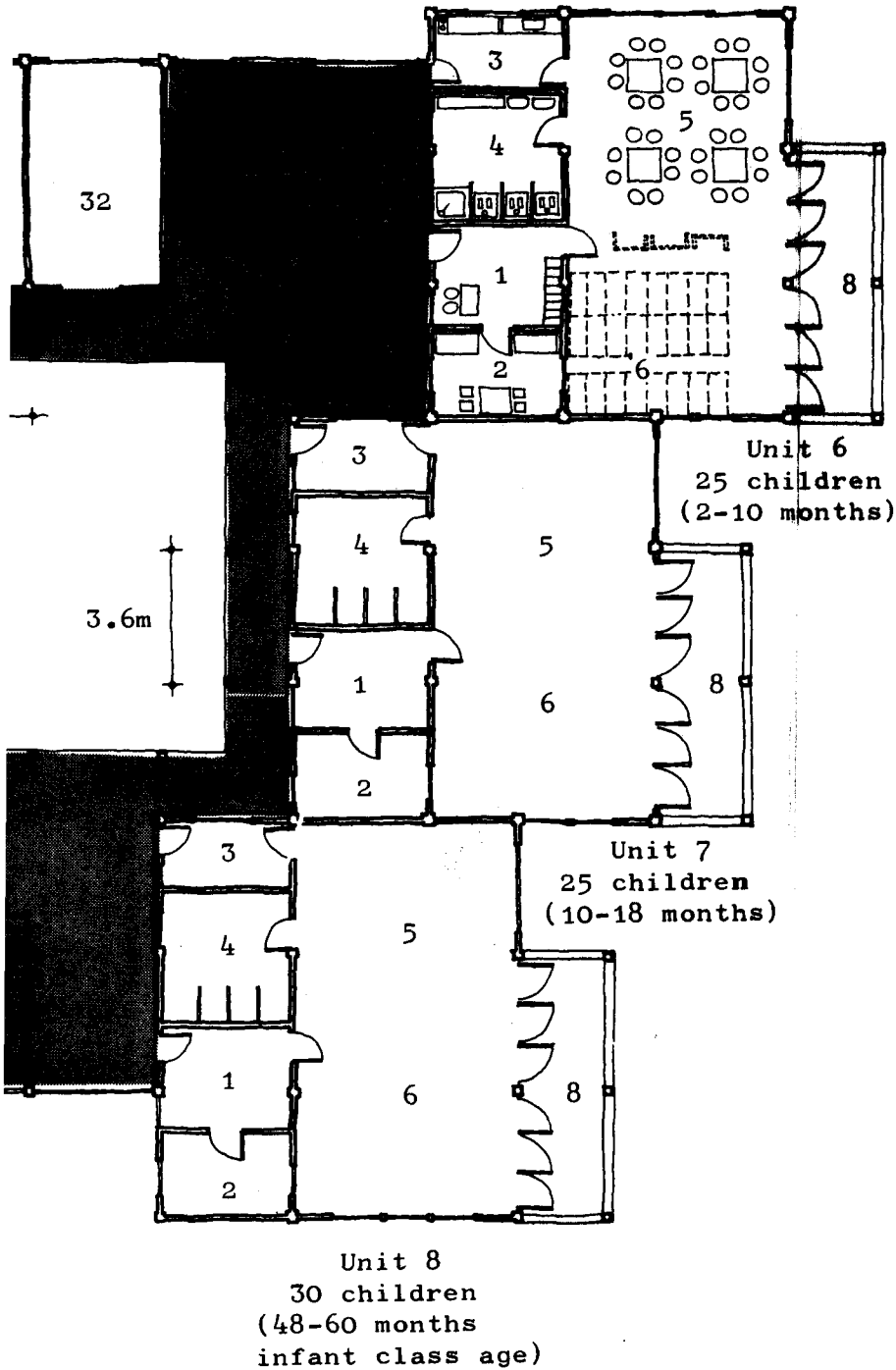
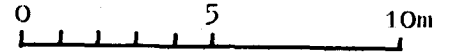


Unit 10
 30 children "boarders"
 (36-48 months)

Unit 9
 25 children "boarders"
 (18-24 months)

DRAWING No 15
Day-Care Centre for 270 children
Alternative proposal No 2
First floor plan

Scale: 1/200



Legend

- A) Unit 6-10
 1 Reception room
 2 Isolation room (for undisposed children)
 3 Distribution of food
 4 Toilets
 5 Play and eating room
 6 Bedroom
 7 Storage (beds)
 8 Verandah
 9 Nurses' toilets
- D) Common rooms
 32 Teachers' room (practical work)
 33 Music and dance room
 34 Gymnastic room
 35 Nurses' toilets
 36 Nurses rest room (for nurses staying overnight)