

Home (1917) Department.
Education

Ordinary SERIES.

G.O. No. 1631

DATED 20. 12. 17

INDEXED

[Despatch Abstract.]

Grant-in-aid Code.

Recording notes connected with rule 51 (ii) of the
regarding the designing and construction of school and hostel build-
ings for which a grant is sought.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

NOTES.

fo 1026 *ED 8* 7-8-1780
 320 *u 8* 1-5-12

Note by the Consulting Architect, dated 22-8-17.

The Notification of 1st May 1912 (Gazette of 21st May 1912) laid down that Dormitories for single pupils must allow 80 sq. ft. and 900 c. ft. If for more than one pupil a proportionately diminishing space down to 30 super ft. and 400 cub. ft. per head for ten or more pupils.

A space of at least 8 super feet and 80 cub. ft. per head to be allowed in classrooms, dining rooms or any dwelling rooms other than sleeping rooms.

For dormitories the regulations may be tabulated thus:-

Number of students in a room.	Area of room.	Floor space per head.
1	80	80
2	104	52
3	129	43
4	153	38
5	177	35
6	202	33
7	226	32
8	251	31
9	275	30
10	300	30

Trouble arises when these minima are taken as working figures. A room 8 x 10, reasonably ventilated and high ought to be quite enough for one pupil. The system of giving an entirely separate room for one student with walls up to ceiling involves expensive buildings and is I believe unnecessary. Cubicles with partitions say 7' high are worth considering for hostels - figure (a).

But a room for 10 beds allowing only 30 super ft. per head, is impracticable. A few minutes spent on planning the beds in such a room will convince any one of this.

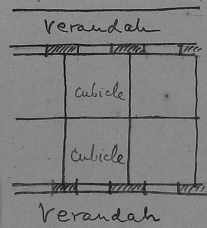
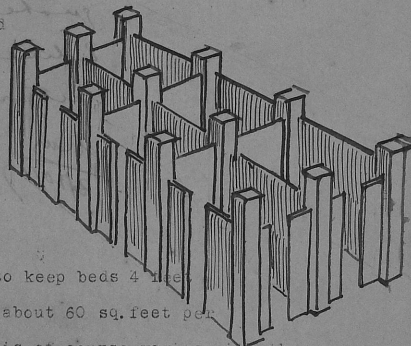


Figure (a)

A convenient opportunity has now arisen for reconsidering the Notification of 1912 as Dr. *Lankaster* has emphasised a point, which I remember mentioning long ago in a note on this subject, that it is not the floor space or cubic capacity which matters but the speed with which the air in a room can be changed.

If dormitories were built on the principle sketched at (b) (which omits roof and verandahs to avoid confusion) the roof or intermediate floors being carried on piers, and partitions not running up more than, say, 7 feet, with no windows to impede circulation of air, cubic capacity per head might be ignored, and the rooms whether one or 20 students could be planned merely with a view to getting in the required number of beds. It will be found that in order to keep beds 4 feet apart in a dormitory for several students, about 60 sq. feet per head of floor space will be required, but this of course varies with the width of the room.



(Sd) W. H. Nicholls,

Consulting Architect to Government.

P. W. Deptt

Rule 51(i) of the Grant-in-Aid Code.

Note by the Genl Architect to the Govt of Madras d/22-8-17.

S.S.

Submitted that the CA's note quoted above may be sent to the Educational Deptt for necessary action.

Slav
3/10/17

W.H.N.
G.O.

P.W.D. No. 1642/17
DATE: 12-10-17



Honl (Genl) R
3087
Rpt 12-10-17

et us

Honl (Genl) Deptt.

Rule 51 (ii) of the Grant-in-aid Code ^{large} ~~has~~ ^{being} down the rules for the designing and construction of school buildings and hostel buildings for which a grant ~~is~~ ^{is sought}. Certain changes were recently ~~introduced~~ ^{proposed} in the rules relating to school buildings which the Govt have approved in L.O. 1206 of 7-8-17. The suggestions made by the P.W.D. concern the rules for the construction of dormitories only.

(W)

Submitted that the note of the ~~P.W.D.~~ P.W.D. may be referred to the D.P.D. for remarks.

888
20.10.17
22/11/17

27.10.17

27/10/17

En 2087a
28/11/17
Rec 2087a
28/11/17

opp

No 2087 6-11-17

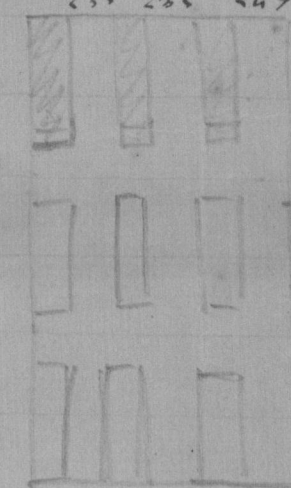
The dimensions given are minimum. Nine small children sleeping on mats, this is what these dormitories are for, can be thus into ^{a little more} less than 300 sq. ft.

only 12 windows
13 13 13

Mats 5' x 2'

but space between 3'

but space between 2'



his gives $19' \times 16 = 304 \text{ sq. ft.}$

If the children are particularly small another could be squeezed in.

Waller
Windows

Don't forget larger children sleeping in the huts, need

need for boxes or clothes cupboards etc - 1 consequence another matter. The dimensions are given as minimum - for anything less we don't consider the question of heat at all. The more is asked for we consider it necessary.

The question cubicles & then dormitories has been much

deceased and I do not know whether it can be said to have ever been settled. I agree that if separate places are to be provided for single children cubicles are better than rooms.

for xi. 12.
5.

P.S. Surely the air in a dormitory with windows at each side can be changed with maximum rapidity?



Regd.

Home (E.O.) Dept

The D.P.F. explains in his u.o. note above how the minimum dimensions are arrived at and that the question of grant for anything less than the minimum dimensions is not considered at all. The D.P.F. does not suggest any change in the existing rules. Subd. the notes may be sent to the P.H.D. for remarks.

SMP
16.11.17.

CA
21.11.17

Can you get me D. Hankster's remarks referred to by the Consully Architect? 22/11/17

'cubicles' all arranged
slipping arrangements
by Mr. Nicholls built

approves the 'cubicle'
arrangement suggested
by Mr. Nicholls built

Regr.

Home (Eoz) Dept

The Consulting Architect presumably refers to the portions marked 'A' on pp 89 & 90 of Dr. Lancaster's Report put up.

SPD
28.11.17.

CA
24.11.17
Lr

(1) It will be seen that the minimum is intended for small pupils sleeping on mats. There is no doubt that it is desirable to work up to a larger figure in the case of older pupils or pupils sleeping on cots.

(2) Will not dormitories with plenty of rooms & ventilator spaces be cheaper than a large number of cubicles & ensure more circulation of air?

WV
26/11/17

PMS

With regard to (1), when I wrote my note of 22-8-17 I was thinking only of pupils sleeping in cots (as in the case of the Loredale Kindergarten) not of pupils sleeping on mats.

The answer to (2) is I think



26.3087a-2
26.11.17

Gen
27/11

PUBLIC WORKS DEPARTMENT.
C. No. 2798 W. K. S.
DATE 27.11.17.

WV
27/11

certainly in the affirmative.

W. Weichelt 4.12.17

P.W. & O.N. 2798 WKA Edl 40

17-1

74-12-17

66
4-12-17



Regr

Home (Edu) Dept.

The notes may perhaps again go to the D.P.T. no. for perusal & then recorded.

SMD

2. XII.

10-22-17

11/29/13

Spring

the note to E.O. 1026 of 7-8-17.

$$\frac{182}{2511}$$

207

The papers may now be recorded

9 $\frac{odd}{mu}$

$$\frac{ca}{17.12.17}$$

May 1871

157

13

When given for copying

When copied

When examined

When signed

191

REAR AGAIN G.O. No.
191

DATED

GOVERNMENT No.

ENCLOSURE TO C. No.

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT

STATEMENT WITH DATES

PAYERS NOT FILED UP, BEING MEANT FOR DISPATCH
IN ORIGINAL.

N.B.—

A = Copy in full.
B = Not to be copied.
P = Copy abstract only.
Q = Copy heading only.