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Government **of Madras**

HOME DEPARTMENT (EDUCATION)

G.O. No. 938, 30th July 1919

College of Engineering, Madras

Directing the publication of a notification inserting a new rule regarding the training of architectural draughtsmen in the rules relating to the constitution and working of the —.

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ORIGINAL

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HOME DEPARTMENT (EDUCATION)

G.O. No. 938, 30th July 1919

College of Engineering, Madras

Directing the publication of a notification inserting a new rule regarding the training of architectural draughtsmen in the rules relating to the constitution and working of the —.

READ—the following papers :—

I

G.O. No. 415 W., dated 27th March 1919.

ABSTRACT.—Prescribing a special course of training for the recruitment of architectural draughtsmen and reorganizing the scale of the draughtsmen establishment of the Consulting Architect's office.

II

Endorsement No. 1051-1, Home (Education), dated 7th May 1919.

Communicated to the Director of Public Instruction who is requested to submit for the approval of the Government and for publication in the *Fort St. George Gazette* the necessary amendments to the rules relating to the constitution and working of the College of Engineering.

R. RAMACHANDRA RAO,
Secretary to Government.

To the Director of Public Instruction.

III

* Letter—from the Hon'ble Mr. R. LITTLEHAILES, M.A., Acting Director of Public Instruction.

To—the Secretary to Government, Home (Education) Department.

Dated—the 4th July 1919.

No.—R.C. 4253.

With reference to Government Endorsement No. 1051-1; Home (Education), dated 7th May 1919, I have the honour to submit herewith, for favour of approval and publication in the *Fort St. George Gazette*, a draft rule to follow rule 28 of the rules relating to the constitution and working of the College of Engineering, which for the present may be numbered as 28 (a).

Order—No. 938, Home (Education), dated 30th July 1919.

The following notification will be published in the *Fort St. George Gazette* :—

NOTIFICATION.

Insert the following as rule 28 (a) in the rules relating to the constitution and working of the College of Engineering, Madras :—

28 (a). At the end of the Probationary Subordinate course from among those who qualify and show promise for architectural work two students will be appointed by the Principal and the Consulting Architect to Government for a course of two years' training in the Consulting

Architect's office with a view to their becoming architectural draughtsmen. During the period of training they will be paid a stipend of Rs. 20 each per mensem and on successful completion will be granted by the Consulting Architect a certificate which will be considered to be equivalent in all respects to the certificate of the Lower Subordinate course of the college. The certificate may be withheld in the event of misconduct or failure to profit by the course of training. Any student who fails to profit by the course owing to want of natural aptitude for the work will be allowed to join the Lower Subordinate class of the college.

(True extract)

R. RAMACHANDRA RAO,
Secretary to Government.

To the Director of Public Instruction.
 „ Accountant-General.
 „ Public Works Department.
 „ Superintendent, Government Press, for publication of notification.

College of Engineering, Madras

Directing the publication of a notification
inserting a new rule regarding the training of
architectural draftsmen in the rules relating
to the constitution & working of the —

READ AGAIN G.O. No. 415W, dated 27. 3. 1919.

” ” ” ” ”

READ ALSO:—

C. No. 1051, From the _____, No. _____, dated _____ 191

" " 1598A. " " D.P.J. Re. 4253/19 4. 7. 1919.

” ” ” ” ” ” 191 .

ORDER.

Pres.

No. 938, dated 80.7.19 191

The following notification
will be published in the
Port St. George Gazette:—

Notification

Insert the following as rule
28(a) in the rules relating
to the constitution & working
of the College of Engineering
Madras:—

Desd
PSM Mar 8/8
To the D.O. [initials]
" A.P. [initials]

~~DRAFT RULE.~~

28 (a). At the end of the Probationary Subordinate course from among those who qualify and show promise for architectural work two students will be appointed by the Principal and the Consulting Architect to Government for a course of two years training in the Consulting Architect's office with a view to their becoming architectural draftsmen. During the period of training they will be paid a stipend of Rs. 20/- each per mensem and on successful completion will be granted by the Consulting Architect a certificate which will be considered to be equivalent in all respects to the Certificate of the Lower Subordinate course of the College. The certificate may be withheld in the event of misconduct, or failure to profit by the course of training. Any student who fails to profit by the course owing to want of natural aptitude for the work will be allowed to join the Lower Subordinate class of the college.

18/7/49 20/7/49

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G.O. No. 938 dated 30/7/1919.

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 (b¹) Notes.....

Brief subject.....

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NOTES.

Notes to
G.O. No. 9388/8077/19

PUBLIC WORKS DEPARTMENT.
NOTES CONNECTED WITH G.O. No. 415 W., DATED
27TH MARCH 1919

[SUBJECT.—*Training of architectural draughtsmen.*]

The question of the recruitment of suitable draughtsmen for work in the Consulting Architect's section of the Chief Engineer's office has been under consideration for some years past. The root of the trouble is that the training of the Lower and Upper Subordinate is not altogether suitable for the work required of draughtsmen in the Consulting Architect's Section. The question has been considered in consultation with Mr. W. H. James, Principal, College of Engineering, Mr. E. M. Thomas, the late Consulting Architect and Mr. W. H. Nicholls, the present Consulting Architect and the solution that has been come to is that promising students of the College of Engineering who have completed the two years' course in the probationary subordinate class and who show a special aptitude for drawing should be selected and trained in the Consulting Architect's office as architectural draughtsmen.

2. The details of the proposed scheme are as shown below :—

(1) At the end of the two years' course in the probationary subordinate class of the College of Engineering a certain number of boys will be selected by the Principal of the College, in view of their general ability and more particularly in regard to freehand drawing and the chances of development in them of a sense of proportion.

(2) These boys will be examined by the Principal of the College and the Consulting Architect and two boys will be selected for a course of two years' training in the Consulting Architect's office.

(3) During the period of training the boys will be paid Rs. 20 to Rs. 25 a month.

(4) At the end of the period of training, the Consulting Architect will grant them a certificate equivalent to that granted to a Lower Subordinate of the College of Engineering. In the event of misconduct or failure on the part of the boys to profit by the course of training in the Consulting Architect's office, the Consulting Architect will have the power of refusing the certificate. If, however, a boy fails to profit by the course owing to want of natural aptitude for the work, he should be allowed to rejoin the College to complete the course in the College.

3. Under the above scheme, it is expected that there would be a regulated supply of men trained under good conditions who should be well fitted for ordinary draughtsman's work and particularly for architectural work. The work done by the students in the Consulting Architect's office would be some return for the pay given to them. There will not be appointments in the Consulting Architect's office for all the boys so trained, but as the training will be an excellent one, these certificated boys should find no difficulty in obtaining appointments as draughtsmen in other Public Works Department offices or outside Government service.

4. The next point to be considered in this connexion is the revision of the scale of drawing establishment (permanent) of the Consulting Architect's office. A revision is necessary because the division of the appointments into Lower and Upper Subordinate posts which was made in the reorganization of 1913 is unworkable and quite unsuited to the conditions of the section, (G.O. No. 201 W., dated 24th January 1914) and also with a view to attract a good class of students for the proposed course of architectural training in the section.

In the general scheme of reorganization of the drawing establishments in the Public Works Department sanctioned in 1913, the six permanent 'draughtsmen' posts in the Consulting Architect's office were converted into posts of Upper and Lower Subordinates (two Upper Subordinate and four Lower Subordinate posts, on the lines of the reorganization effected in drawing establishments in Circles vide page 5 of G.O. No. 201 W., dated 24th January 1914. Difficulty in working the establishment has not been experienced hitherto because all the posts are held by the old class of draughtsmen who have spent all their service in the drawing office. But when these men retire or otherwise vacate their posts trouble will set in. The passed Lower Subordinate who is recruited to the Lower Subordinate posts in the section will require much training and may or may not turn out a good draughtsman; even after he is so trained he cannot under existing rules be promoted to a vacancy occurring in the two Upper Subordinate posts which will have to be filled from the ranks of Upper Subordinates. It is absolutely essential that the men who fill the two Upper Subordinate posts in the section should be trained architectural draughtsmen with considerable experience in drawing office work and as no Upper Subordinate in the general list will have received such training, it will be impossible to fill up vacancies in the two Upper Subordinate posts satisfactorily. It is therefore necessary that the grading of the posts in the Consulting Architect's section into Lower and Upper Subordinate posts should be done away with and that all the posts in the section should be open to men trained as architectural draughtsmen.

This course is necessary also to attract a good class of boys to come up for the proposed course of training in the Consulting Architect's office. The boy who has completed the two years' probationary course in the College can, if he is selected for the Upper Subordinate class, qualify as an Upper Subordinate with prospects ranging from Rs. 60 to Rs. 500 per mensem. Even if he is not selected for the Upper Subordinate class he can by a further one year's study in the College qualify as a Lower Subordinate which will enable him to hold any drawing or Executive Lower Subordinate posts in the Public Works Department (pay ranging from Rs. 30 to Rs. 80 (question of revision of pay under separate consideration) posts of Minor Irrigation Overseers and Supervisors (Rs. 30 to Rs. 80 and Rs. 150) and posts of Overseers in the Local Fund and District Board service (Rs. 60 to Rs. 100).

For the reasons explained, it is proposed to revive posts of draughtsmen on incremental rates of pay in place of the existing Lower Subordinate and Upper Subordinate posts. The present and proposed scales are shown below. The extra cost involved is only Rs. 25 per mensem.

Present scale. (G.O. No. 201 W., dated 24th January 1914; Memorandum No. 4891 C., dated 19th July 1916).			Cost per mensem.	Proposed scale.	Cost per mensem average.
1 Supervisor, first grade	..	..	200 + 40*	1 † Draughtsman on Rs. 200 - 5-250	..
1 " second grade	..	..	150 + 40*	2 † Draughtsmen on Rs. 100-5-150 each	..
1 Sub-Overseer, first grade	..	..	80	(average 133½)	..
1 " third "	..	..	60	1 † Draughtsman on Rs. 60-4-80	..
1 " fourth "	..	..	50	2 † Draughtsmen on Rs. 40-4-60 each	..
1 " sixth "	..	..	40	(average Rs. 55)	..
6			660	6	685

NOTE.—The drawing section of the Upper Subordinate establishment will be reduced by the first two appointments shown under 'present scale'.

- * Presidency and house-rent allowance.
- † Architectural draughtsmen.

5. The proposals may be sent to Home (Education) and Financial u.o. for acceptance. Home (Education) has to accept that part of the scheme which proposes to recognize the certificate issued by the Consulting Architect as sufficient qualification to enable a candidate to hold a Lower Subordinate's certificate. That department will also examine the point at **B** on page 1 ante.

6. As Mr. Jackson, the Assistant Consulting Architect, has joined Military duty it may not be possible to take up the training of draughtsmen immediately, but this need not prevent the scheme being submitted to Government.

D. MARSHALL—14-9-18.

It is undeniable that the 'present scale' sanctioned for the drawing branch of the Consulting Architect's office cannot possibly give him the efficient establishment which he requires, and must have, for the proper execution of his work—architectural draughtsmanship in its higher branches is a highly specialized kind of work which requires long training and experience. The Consulting Architect must be free to select and promote his deserving men and there must be no limitations as to 'upper' and 'lower' subordinates.

2. I am none too confident that the pick of the probationary subordinates will elect an architectural draughtsman's career as there are greater prizes in the Upper Subordinate class of the Public Works Department, but I do think that the present proposal will open up a far better recruiting ground for men for the Consulting Architect's draughtsman class than he has at present, and will improve the material in that class.

S. B. MURRAY—17-9-18.

HOME (EDUCATION) DEPARTMENT.

The Chief Engineer himself does not appear to be sanguine of the success of the scheme of recruiting architectural draughtsmen outlined in paragraph 2 of the Public Works Department note supra, but this department is concerned only with the educational aspect of the question. The file may be forwarded u.o. to Director of Public Instruction for remarks as to the acceptance of the certificate proposed to be granted by the Consulting Architect as equivalent to the Lower Subordinate certificate and on the point raised at **B** on page 1 ante.

E.A.—24-9-18.

N.K.—25-9-18.

C. RAMANUJA ACHARIYAR—27-9-18.

R. RAMACHANDRA RAO—27-9-18.

OFFICE OF THE DIRECTOR OF PUBLIC INSTRUCTION.

I have consulted Mr. James on the two points raised. He states that he sees no particular objection to the granting of the certificate by the Consulting Architect as equivalent to that granted to a Lower Subordinate, as the holder of such a certificate is very unlikely to wish to take up work other than that for which he is qualified by his special training.

As regards the point raised at **B** on page 1 ante, he says that this will give a student a chance of retrieving what may be regarded as a false step. He adds that he discussed the question of the training of architectural draughtsmen with Messrs. Thomas and Nicholls, and that the proposed scheme generally embodies what was agreed on.

H. G. DUNCAN—10-10-18.

This department may agree to the scheme proposed by Public Works Department.
The file may now be passed on to Financial.
S.A.—17-10-18.

C. RAMANUJA ACHARI—18-10-18.
R. RAMACHANDRA RAO—19-10-18.

FINANCIAL DEPARTMENT.

The proposals made in the Public Works Department notes on pages ante are—

- (a) to train two selected students (who have completed the two years' course in the probationary subordinate class of the College of Engineering) in the Consulting Architect's office for a period of two years and to pay them Rs. 20 to Rs. 25 a month during the period of training; and
(b) to revise the scale of pay of the drawing staff of the Consulting Architect's office.

2. *Item (a).*—Please see paragraphs 1—3 of Public Works Department note on page ante. It is not stated whether the two students are to be taken for training every year or whether it is the intention to train only two students at a time. The extra cost involved is shown below:—

If two students are taken every year—

First year—Rs. 40 to Rs. 50 per mensem.

Second and subsequent years—Rs. 80 to Rs. 100 per mensem.

If two students are trained at a time—

Every year—Rs. 40 to Rs. 50 per mensem.

As Public Works Department consider that the proposed special course of training is necessary to obtain suitable recruits for the Consulting Architect's office, and as it appears that the scheme will benefit other Public Works Department offices and the public generally, the institution of the special course need not perhaps be objected to.

J.M.H.—7-11-18.

The Public Works Department may be left to decide whether two students should be taken every year or at a time.

3. In regard to the grant of allowances, it is submitted that these students, had they remained in the college, will ordinarily have to undergo a course of training at their own expense for one year if they elect the Lower Subordinate test and for two years if they take up the upper subordinate course. In this view it would seem that a special stipend for a course in the Consulting Architect's office, which will fetch them a certificate equivalent to that of a student who has passed the Lower Subordinate test of the Engineering College, is unnecessary at least during the first year of the course. However as the scheme is only experimental and as it is intended to attract the best of the students, the grant of stipends need not perhaps be objected to.

J.M.H.—7-11-18.

The amount of the stipend may be fixed at Rs. 20 each per mensem (inclusive of all

allowances such as grain compensation allowance). Upper subordinate students undergoing practical training in the plains are granted subsistence allowances of Rs. 25 each per mensem—G.O. No. 574, Educational, dated 1st May 1918.

4. The Public Works Department remark that the work done by the students in the Consulting Architect's office would be some return for the pay given to them, i.e., the work of the students would be of help to the Consulting Architect's office. If two students are to be taken every year, there will always be (after the first year)

Notes to G.O. No. 415 W., 27TH MARCH 1919 5
 four students working in the Consulting Architect's office. The Public Works Department may, it is submitted, be requested to consider whether when the scheme is in full swing, a reduction cannot be made in the strength of the existing draftsmen in the Consulting Architect's office.

J.M.H.—7-11-18.
 5. *Item (b) in paragraph 1 above.*—Please see Public Works Department's notes on pages ante. The scale of pay in force for the draftsmen of the Consulting Architect's office prior to 1914, the existing scale, and the proposed scale are shown below :—

Permanent staff.

Scale prior to 1914.	Existing scale.	Proposed scale.
Draftsmen.		Draftsmen.
Cost per mensem. Rs.	Cost per mensem. Rs.	Cost per mensem. Rs.
1 (125-5-175) 158½	Two Supervisors on grade pay (Rs. 150 or 200)+presidency allowance and presidency house-rent of Rs. 40 .. 430*	1 (200-5-250) 233½
1 (75-5-125) 108½		2 (100-5-150) 266½
1 (55-3-70) 66½		1 (60-4-80) 75
3 (30-4-50) 135		2 (40-4-60) 110
6 467½		6 685
	Extra cost over column (1). } = Rs. 192½ per mensem/or Rs. 2,305 per annum.	Extra cost over column (2). } Rs. 25 per mensem or Rs. 300 per annum.

* A post on Rs. 150 and another on Rs. 200 have been taken into account as the Public Works Department propose to reduce the Upper Subordinate cadre by these posts if the reorganization is to be effected.

6. Attention is solicited to paragraph 5 of letter No. 1496 W., dated 19th October 1912, on page 9 of G.O. No. 1185 W., dated 12th July 1913, which set out the circumstances under which the Government decided to employ upper and lower subordinates in place of draftsmen in all drawing offices and to bring the pay of the men employed on drawing work into line with that of the ordinary upper and lower subordinates. If Public Works Department now consider that the draftsmen of the Consulting

Architect's office should be removed from the upper and lower subordinate grade and that the old system of incremental scales of pay should be reverted to in their case, the view cannot apparently be questioned in Financial and the proposed reversion to incremental scales may be agreed to.

7. At present, a lower subordinate joining the Consulting Architect's office on Rs. 40 can rise to a maximum of Rs. 80 only, the two higher paid posts at the top being open only to men on the upper subordinate establishment. Hereafter the whole of this staff will be separated from the regular cadres and the intention is that a man joining the last grade should be made eligible to hold any of the draftsmen's posts in this office. The maximum emoluments, viz., Rs. (200-40=) 240, which a supervisor can draw in the office need not therefore be taken as the basis for fixing a graduated scale for these draftsmen. Account has however to be taken of the fact that, if the special course referred to in paragraphs 2-4 above, is to be instituted, the men will be recruited from those trained at the expense of Government. Orders

are solicited whether the following scale, which will give a man starting on Rs. 40 a decidedly better prospect than at present, will not suffice:—

						Cost per mensem. Rs.
A	1	Draftsman (150-10-200)	...	...	...	187½
	1	Draftsman (80-10-150)	...	...	...	130½
	4*	Draftsmen (40-5/2-80)	...	...	...	248
						565½

* Three men on this scale, if with reference to paragraph 4 above, the Public Works Department agree to abolish a post in the office on account of the work of the students.

The above scale effects a saving of Rs. 94½ per mensem; but this saving is justifiable in view of the extra cost that will have to be incurred for the training of students.

8. The Public Works Department want a revision of pay to get a suitable class of recruits when the existing old class of draftsmen retire. Any revision that may now be sanctioned need therefore be introduced only gradually as new men are appointed. If so, the financial stringency at the present time need not stand in the way of sanctioning a revised scale for the office.

T.R.N.N.—5-11-18.

A scale somewhat as at A above may be suggested. The present cost is Rs. 660 per mensem and I think we should keep the entire proposal, including the pay of the men under training, within this figure.

J. M. HOOPER—8-11-18.

Will Public Works Department kindly consider the suggestions made above?

C. G. TODHUNTER—9-11-18.

PUBLIC WORKS DEPARTMENT.

Please see the notes in the Home (Education) and Financial Departments, on pages ante.

2. The Home (Education) have accepted the suggestions of the Public Works Department, viz:—

(a) that the certificate to be given to the draftsman trained in the Consulting Architect section should be considered as equal to a pass in the lower subordinate course (and)

(b) that boys who fail to profit by the course in the Consulting Architect section, owing to want of natural aptitude for the work, will be allowed to rejoin the college to complete the course in the college.

3. Financial have suggested the following modifications, etc., in the proposals made by the Public Works Department—

(1) that the pay of the students during their two years of training in the Consulting Architect section may be Rs. 20 per mensem, inclusive of all allowances, instead of Rs. 20 to Rs. 25 per mensem as proposed by this department;

(2) that the question may be considered as to whether, when the scheme is in full swing, a reduction cannot be made in the strength of the existing draftsmen in the Consulting Architect's office as there will be four students working in the Consulting Architect's office, after the first year;

(3) that the following scale which shows a saving of Rs. 94½ per mensem or some similar scale which will keep the total cost of establishment, including the pay of the boys under training, within the present cost (Rs. 660 per mensem) may be substituted for the scale proposed in the Public Works Department, which involves an extra cost of Rs. 25 per mensem.

Permanent draftsman establishment.

Present scale.		Scale proposed in the Public Works Department.	Scale proposed in Financial.
	RS.		RS.
1 Supervisor, I grade ..	200 + 40	1 Draftsman 200—5—250 (233½)	1 on .. 150—10—200 (187½)
1 " II " ..	150 + 40	2 Draftsmen 100—5—150 (133½) each.	1 on .. 80—10—150 (130½)
1 Sub-Overseer, I " ..	80	1 Draftsman 60—4—80 (75)	4 on " .. 40—5/2—80 (62) each.
1 " III " ..	60	2 Draftsmen 40—4—60 (55) each.	
1 " IV " ..	50		
1 " VI " ..	40		
	660	6 685	6 565½

* Three if a post can be abolished on account of the students.

D.M.—10-12-18.

4. As regards suggestion (1) of Financial it may perhaps be accepted.

Suggestion 2 is one which can be given effect to only after experience is gained of the work of the students. Financial may be told that the question will be considered at the time and that any reduction found feasible will be made in the temporary establishment that is being annually sanctioned to supplement the permanent strength, which is kept at a minimum. It may however be mentioned that any help which can be got from the pupils in the form of useful work will be very little.

D.M.—10-12-18.

Suggestion 3.—The scale of pay proposed by Financial is not sufficiently attractive. The condition that the total cost of the establishment, including the pay of the men under training, should be within the present cost of Rs. 660 does not seem to be fair. The cost of the men under training should, it appears, be considered as incurred mainly for educational purposes. The help that the staff may get out of these men will, to a considerable extent, be counterpoised by the trouble and time which the former will have to spend in instructing the latter. On the other hand in the opinion of the Consulting Architect, the help he will get in the form of useful work from the pupils will be very little indeed, while the personal attention they will require if they are to profit by their architectural training will be an extra and laborious charge, so much so that he begs to be excused from entertaining any pupils until he gets back his assistant who is now on military duty—vide paragraph 6 of the note on page 5 ante. It will be seen from the Secretary's remarks in his note on page 6 ante that the scale proposed in this department cannot be considered too liberal in view of the prizes to which men on the upper subordinate staff can look forward to. Further a good draftsman saves time and money and the pay must therefore be made as attractive as possible. In the circumstances Financial may be requested to approve of the scale already proposed in Public Works Department.

D.M.—10-12-18.

5. In paragraph 8 of their note on page 12 ante, Financial suggest that any revised scale that may be sanctioned may be introduced only gradually as new men are appointed and that it need not be introduced at once, as the revision is proposed only with a view to attract good students for training. It is submitted that the revision is equally necessary to improve the prospects of the existing men, who are also specially trained for the work of the section. Financial may therefore be requested to allow the introduction of the revised scale at once.

D.M.—10-12-18.

A.M.—6-12-18.

A.S.N.R.—7-12-18.

R.K.—7-12-18.

J. Boel

The scale we propose has been kept as low as possible and I think we must ask Financial to be so good as to accept it. We must also ask for the immediate introduction of the scale as the improvement of the prospects of men now employed is an important part of the scheme.

D. MARSHALL—10-12-18.

I agree entirely.

S. B. MURRAY—10-12-18.

FINANCIAL DEPARTMENT.

[Please see Financial notes on pages 8-13 ante.]

Paragraph 4 of Public Works Department note (suggestion 2) on page 7 ante.—On page 2 ante, the Public Works Department stated that "the work done by the students in the Consulting Architect's office would be some return for the pay given to them." It is now stated that "any help which can be got from the pupils in the form of useful work will be very little." However, as the Public Works Department propose to consider the question of reduction of staff in the Consulting Architect's office when the scheme is in full swing, the question need not be pursued further at present.

We may ask for a reconsideration after a year.

J.M.H.—27-1-19.

C.G.T.—28-1-19.

2. Paragraph 4 (suggestion 3) of Public Works Department note on page 7 ante and Public Works Department Secretary's note on pages 7-8 ante.—The Public Works Department seem to press for their scale in view of the prizes of the upper subordinate establishment. It is submitted that the class of men who will volunteer for the architectural training and for subsequent employment in the Consulting Architect's office will be apparently only that from which the lower subordinates of the Public Works Department are drawn. The comparison with the upper subordinate staff, made by the Public Works Department, is not therefore correct.

When compared with the scale of pay (Rs. 30 to Rs. 80 in eight grades) allowed to ordinary lower subordinates of the Public Works Department, the scale mentioned in the Financial note on page 6 ante (Rs. 40—200) seems decidedly better. The Financial scale does not also involve any extra cost. Orders are solicited whether the Public Works Department may be informed that sufficient reasons have not been shown to justify a reconsideration of the view already expressed in Financial.

3. Paragraph 5 of Public Works Department note on page 7 ante, and Public Works Department Secretary's note on page 7 ante.—The existing men, who are members of the regular cadres, have got the 'prizes' of the cadres concerned. They should have no legitimate grievance if they are refused the revised scale of pay that may now be introduced (solely to attract suitable candidates in future). However if the Financial scale is to be sanctioned, there is no objection to its being introduced at once as the result is a saving. If, on the other hand, the scale suggested by the Public Works Department is to be adopted, it is for consideration whether, in view of the fact that the extra cost involved is not large, the immediate introduction will be agreed to.

T.R.N.N.—24-1-19.

J. M. HOOPER—27-1-19.

As the Public Works Department press the matter, we may accept the scheme subject to the modifications agreed to above.

C. G. TODHUNTER—23-1-19.

PUBLIC WORKS DEPARTMENT.

The proposals in regard to the training of 'architectural draftsmen' and the reorganization of the permanent drawing establishment of the Consulting Architect's office have been approved by the Home (Education) and Financial Departments, subject to the modifications agreed to by this department in the notes on page 7 ante. The Consulting Architect has however stated that it will not be possible for

him to take up the training of the students until the return of his assistant (Mr. Jackson) from military duty. The question of appointing another assistant to the Consulting Architect is under consideration. Mr. James, the Principal of the College of Engineering, has already intimated that, if the training of the students he decided upon, selections will have to be made in July. Before drafting final orders, the case is submitted for preliminary orders as to when the training of the students should be announced to commence.

P.B.A.—4-2-19.

A.S.N.R.—4-2-19.

The reorganization of the drawing staff as decided above is, I think, of immediate importance, as the existing arrangements are undoubtedly unsatisfactory. Orders may issue at once as regards both the reorganization and the training. These orders will not bind Consulting Architect to accept men for training before he is ready for them. The date on which he can take the first batch into the office can be settled separately. It will probably be quite possible to make the first selection next June.

P. HAWKINS—6-2-19.

A draft order on the case is submitted. The proposals in regard to the training of architectural draftsmen approved above, will necessitate alterations in the rules relating to the constitution and working of the College of Engineering. The Home (Education) Department may be requested to have this done on receipt of the orders on this case. Paragraph 4 of the draft order provides for this. The draft order may be sent to Home (Education) and Financial Departments u.o. for acceptance, prior to circulation to Honourable Member (Public Works Department). The register number of the sanction has to be filled in by the Financial Department. As the order is one of general interest it may be printed. Paragraphs 1 to 4 of the order may be placed on the Editors' Table.

2. After the issue of the order, the question of the date when the training should commence will be resubmitted for orders.

3. The extra cost involved by the above proposals will be provided for in the final edition of the Provincial Civil Works budget for 1919-20.

P.B.A.—11-2-19.

A.S.N.R.—11-2-19.

T.V.N.—12-2-19.

G. D. PLUMMER—12-2-19.

P.H.—13-2-19.

W. J. J. HOWLEY—13-2-19.

HOME (EDUCATIONAL) DEPARTMENT.

The draft order may be accepted and the file passed on to Financial. On receipt of a copy of the order, orders may issue amending the rules relating to the constitution and working of the College of Engineering with reference to paragraph 1 of the draft order.

C.K.—17-2-19.

S.A.—17-2-19.

N.K.—17-2-19.

C. RAMANUJA ACHARIYAR—17-2-19.

R. RAMACHANDRA RAO—18-2-19.

FINANCIAL DEPARTMENT.

Please see Chief Secretary's note on page 8 ante. The Public Works Department interpret Chief Secretary's note to mean that he has agreed to the scheme subject to the modification suggested in paragraph 4 of Public Works Department's note on page 7 ante. It is not, however, quite clear whether Chief Secretary considers that the scale of pay for existing posts should be* that referred to in paragraph 7 of the Financial note on.

*Or one somewhat similar.

J.M.H.—19-3-19.

16
10

10 NOTES TO G.O. No. 415 W., 27TH MARCH 1919
page 6 ante and in paragraph 3 of the Financial note on pages 6-7 ante. If the Public Works Department's interpretation is correct, the draft may be accepted, the sanction being registered as No. 36 of 1919-20.
T.R.N.N.—18-3-19.

J. M. HOOPER—19-3-19.
We may accept the draft.
C. G. TODHUNTER—21-3-19.

PUBLIC WORKS DEPARTMENT.
The case may now be circulated to the Honourable Member.
A.S.N.R.—22-3-19.

G. D. PLUMMER—24-3-19.
P. HAWKINS—24-3-19.
L. D[AVIDSON]—26-3-19.
The draft order may now be issued.
A.S.N.R.—27-3-19.

Yes.

G.D.P.—27-3-19.
[C.No.1051A] [G.O. No. 415 W., dated 27th March 1919.]

Home (EON) Dept.

Regr.

Please see this Dept's note on the previous page.

The G.O. may be communi-
Cated to the Dir. of Pub. Works and that
officer asked to submit the necessary
amendments to the rules relating to the
Constitution and working of the
College of Engineering. Draft subd.

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my 7/5/19

[O.N. No 1051-1 8 9-5-19]

CN-1598A. From the D.P.I., R.C. 425-394.7-19

page 6 to 724

The draft rule 22(a) proposed by the D.P.I. may be approved. A draft order is submitted. It may be sent to the P.W.D for acceptance.

SK
17-7-19.

CA
18-7-19

21/7/19

PWD

P. W. Dept.

S.S.

Home (Edn)

The draft order may be accepted and the file returned to Home (Edn) dept w.o after perusal by CA.

In
22-7-19
23/7/19

22/7/19

Mr. James and I selected two architectural students in Madras on 23rd July 1919

D.S.

25. VII. 19

25/7/19

Home (Edn).



PUBLIC WORKS DEPARTMENT
C. No. 1413 O.
Dated 22.7.1919.



Pureo no 1413 GAD/02-1
28.7.1919

NOTES.

Home (20th) Dept.

In order whether the draft may
now issue.

8th
28/7/19

A
28.7.19

Issue
20/7/19

[Go. No 9389 30.7.19]

19

Home Department,
(Education)

Originals of papers



of 30-2-29

to be destroyed at the beginning of

August 1920
191 .

A.

B.

N.P.

(a)

+ G.O. No.

DEPARTMENT.

ORDINARY
ROUTINE SERIES.

dated

191

CIRCULATED.

NOT CIRCULATED.

NOT SEEN BY C.S.

Receipt numbers ..

Number and date of
previous proceed-
ings.

Tabling Abstract.

*College of Engineering,
Madras*

*Directing the publication
of a notification embodying
a new rule regarding the
drawing of architectural
draftsmen in the rules
relating to the constitution
& working of the —*

(b) Index Headings.

MAIN HEADING

CROSS REFERENCES.

Architectural Draftsmen

SPECIAL INDEX.

DO NOT SPECIAL INDEX.

(a) and (b) not to be filled in for 'Routine' Series.



Printed copies will follow

PAPERS PUT UP WITH CURRENT No. _____

Papers of the department to which the current belongs.

Number.	Date.	Original (= S.O.)	Remarks. (In this column such of the papers as have been removed for copying, printing, etc., should be marked with a cross.)	Initials of Referencer with date in token of return to Reference department.

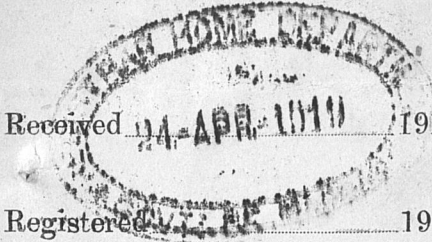
Papers of other departments.

Department.	Number	Date.	Original (= O.) or spare copy (= S.O.)	Initials with date of (1) Referencer acknowledging returns of the paper concerned or (2) Despatcher to denote the return of the papers to the department concerned.

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS No. 415 W

Dated Madras, the 27th March 1919.



ENCLOSURES.
No. _____

Print abstract only of this for as follows:—
Prescribing a special course of training for the recruitment of architectural draftsmen + reorganizing the scale of the Architect's office.
 Read the following paper:—
 G.O. No. 1185 W, dated 12th June 1913. (L)
 G.O. No. 201 W, dated 24th January 1914. (N)

ORDER:- No. 415 W, dated 27th March 1919.

The Government have had under consideration the question of the recruitment of suitable draftsmen for employment in the Consulting Architect's section of the office of the Chief Engineer, P.W.D. The training given at present in the Lower and Upper subordinate classes of the College of Engineering, Madras, is not altogether suitable for the work required of draftsmen in the Consulting Architect's office. A special course of training as architectural draftsmen is necessary, and the Government have come to the conclusion that such training can best be given in the Consulting Architect's office. Selection for this course of training will be made from among promising students of the College of Engineering, Madras, who have completed the two years' course in the probationary subordinate class and who show a special aptitude for drawing. The details of the scheme are as shown below:-

(1) At the end of the two years' course in the probationary class of the College of Engineering, a certain number of students will

will be selected by the Principal of the College, in view of their general ability and more particularly in regard to freehand drawing and the probability of their developing a sense of proportion.

(2) From these students two will be appointed annually by the Principal of the College and the Consulting Architect to Government for a course of two years' training in the Consulting Architect's office.

(3) During the period of training the students will be paid a stipend of Rs. 20 each per mensem.

(4) Such of the students as successfully complete the course will be granted by the Consulting Architect a certificate which will be considered to be equivalent in all respects to the diploma of the Lower Subordinate course of the College of Engineering.

(5) In the event of misconduct, or failure on the part of the students to profit by the course of training, the Consulting Architect will have the power to refuse the certificate.

(6) Any student who fails to profit by the course, owing to want of natural aptitude for the work, will be allowed to rejoin the College of Engineering and to complete the Lower Subordinate course of the College.

2. Draftsmen in the Consulting Architect's office will, as a rule, be recruited from these certificated students. The Government recognise that there will not be vacancies in this office for all the students thus trained, but in view of the training undergone certificated students should find no difficulty in obtaining appointments in other P.W.D. offices or outside Government service.

3. The Government have also considered in this connection, the question of the reorganisation of the permanent drawing staff in the Consulting Architect's office. Under the scheme for the reorganisation of the drawing establishments sanctioned in 1913, two out of the six permanent posts of draftsmen in the Consulting Architect's office were classed as upper subordinate posts and the other four as lower subordinate posts. This division of the posts into two separate classes is unsuited to the special conditions of work in that office. The

classification

classification will therefore be abolished and the staff will be graded on one list and styled 'draftsmen'. With a view to provide good prospects to the men who enter the Consulting Architect's office after undergoing the special course of training now laid down, and also to improve the prospects of the present draftsmen in that office, who have been specially trained for architectural work, the following revised incremental scale of pay is sanctioned with effect from the date of this order:-

Present scale.

Scale now sanctioned.

1 Supervisor I grade	Rs. 200	1 draftsman	Rs. 200-5-250
1 " II "	Rs. 150	2 " "	100-5-150
1 Sub overseer I	Rs. 80	1 " "	60-4-80
1 " 3rd gr.	Rs. 60	2 " "	40-4-60
1 " 4th gr.	Rs. 50	6 " "	---
1 " 6th gr.	Rs. 40	---	---
6			

This sanction is registered as No. 36 of 1919-20.

4. Orders will be issued in the Home (Education) Department amending the rules relating to the constitution and working of the College of Engineering with reference to para 1 above. The date of commencement of the training will be announced later.

5. The Chief Engineer, Public Works Department is requested to consider one year after the training has commenced, whether the work turned out by the students under training in the Consulting Architect's office admits of any reduction being made in the strength of the temporary drawing staff allowed to that office, and

to

4.

to submit a report to the Government in the matter.

(True Extract)

W.J.J. Howley,

Ag. Secretary to Government, P.W.D.

(General and Irrigation)

To the Accountant-General, through the Financial Department.

To the Superintending Engineers of circles.

To the Home (Education) Department.

To the Financial Department.

To the Chief Engineer, P.W.D.

Copy forwarded to the Home (Education) Department.

(By order)

Amunib

22-4-19

Superintendent-in-charge,

Madras office.

22/4/19

S.R. 22-4-1919.

CN-1051A.

Home (Ed.) Dept

Read the following:-

G.O. No 415 W of 27 March 1919

Encl. Cdn 1051-1 of 7.5.19

Communicated to the Dir. of Pub. Instr. who is requested to submit for the approval of the Govt and for publication in the Fort St. George Gazette the necessary amendments to the rules relating to the constitution and working of the College of Engineering.

To The Dir. of Pub Instr. (As Encl)

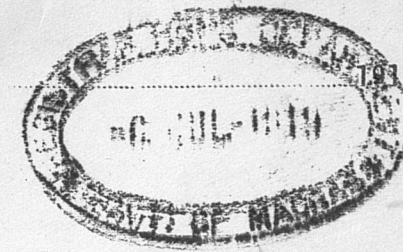
R. to issue on 9.6.19

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MK
515743

Ca
6.5.19
21/5/19

HOME (EDUCATION) DEPARTMENT.

Received



Registered 7.7.1919

Subject.

submitting for approval a draft of the additions to the Rules of the College of Engineering, Madras, rendered necessary in view of the special course of training sanctioned by Government for architectural draftsmen.

ENCLOSURES

No.

Spare copies

Station, Dated the 4-7-1919

From (Name) The Hon'ble Mr. B. Littlehales, M.A.,

(Designation) Ag. Director of Public Instruction,

Madras,

To The Secretary to the Government of Madras,

HOME (EDUCATION) Department.

Sir,

With reference to Government Endorsement No. 1051--1 Home (Education) dated 7th May 1919, I have the honour to submit herewith for favour of approval and publication in the Fort St. George Gazette a draft rule to follow Rule 28 of the Rules relating to the constitution and working of the College of Engineering, which for the present may be numbered as 28 (a).

I have the honour to be,

S i r,

Your most obedient servant,

for Director of Public Instruction.

V.N.

7
DRAFT RULE.

28 (a). At the end of the Probationary Subordinate course from among those who qualify and show promise for architectural work two students will be appointed by the Principal and the Consulting Architect to Government for a course of two years training in the Consulting Architect's office with a view to their becoming architectural draftsmen. During the period of training they will be paid a stipend of Rs. 20/- each per mensem and on successful completion will be granted by the Consulting Architect a certificate which will be considered to be equivalent in all respects to the Certificate of the Lower Subordinate course of the College. The certificate may be withheld in the event of misconduct, or failure to profit by the course of training. Any student who fails to profit by the course owing to want of natural aptitude for the work will be allowed to join the Lower Subordinate class of the college.

