

E dl

~~Local & Munl.~~ (190) Department.

~~Plague.~~

MISCELLANEOUS.

G.O., No. ¹⁸² ~~152~~ *Edl*

DATED 19-2-15.

[Despatch Abstract.]

Building grant. Recording with refce to
G.O. No. 165 Edl of 15.2.15 letters from the
D.P.I. recommending — for the Hindu
Theological High School, Madras.

EDUCATIONAL DEPARTMENT.

R.F.D.-80-j.

Received 191 , Registered 4-11-1913.

Subject.

Recommending a half grant for making certain additions and improvements to the accommodation of the Hindu Theological High School, Madras.

ENCLOSURES.

No.

Spare copies

Ref. on Cur. No. 8724/13,

Station Madras, Dated the 1st. November 1913.

From (Name) The Hon. Sir Alfred Gibbs Bourne, D.Sc.,
F.R.S., K.C.I.E.,
(Designation) Director of Public Instruction.

To the Secretary to the Government of Madras,
Educational Department.

Sir,

I have the honour to submit herewith the plans bearing Nos. 41 and 42 in triplicate with estimates amounting to Rs.15,800/- for making certain additions and improvements to the accommodation of the Hindu Theological High School, Madras, and to recommend that a half grant may be sanctioned to be paid when funds become available. The intention of the management is to place the new building close to the old but quite independent of it as regards foundations. The west wall of the new building will be in close contact with the old which they hope in time to demolish to make way for a new building in the same style as the one now

projected.

I have the honour to be,

S i r,

Your most obedient servant,

R. A. Trievé

for Director of Public Instruction.

P.V.S.



Memorandum No. 3379-1 EDI., dated 19th November 1913.

Read letter from the Director of public Instruction, No. 8724, dated 1st November 1913.

The plans and estimates relating to the Hindu Theological high school, Madras, received with the Director of Public Instruction's letter R.O.C. No. 8724/13, dated 1st November 1913 are returned to him for re-submission after revision in accordance with the following remarks:--

(i) More information as to how the new building will join up with the old one and also a plan of that portion of the building which will join the new one should be obtained and furnished to enable the Chief Engineer to carry out a proper scrutiny of the case.

(ii) The stair case is too narrow and the Verandah should be made wider to permit of a wide staircase - a verandah 8 ft. wide would do. There are only 18 steps provided in each storey of 12 ft. which gives a rise of 8". This is too much and more steps should be provided so that the rise of ~~each~~ each step may not be more than 6".

(By Order)

SK C.S.A.
18-11-13.
Under Secretary to Government.

To the Director of Public Instruction.

with plans & estimates.

*Review done
20.2.14*

SK

EDUCATIONAL

PENSION DEPARTMENT.

R.F.D.-80-c.



191

Registered

14.3

1914.

Subject

Submitting revised plans and estimates relating to the Hindu Theological High School, Madras and recommending that a half grant of Rs. 9,300 may be sanctioned on the total cost of the revised estimate.

ENCLOSURES.

No.

Spare copies

Ref on Cur No. 8724/13.

Station M a d r a s, Dated the 11th March 1914.

From (Name) The Hon. Mr J.H. Stone, M.A., C.I.E., F.R.H.S.

(Designation) Ag. Director of Public Instruction,

M a d r a s.

To the ~~Chief~~ Secretary to the Government of Madras,Educational ~~Department~~ Department.

Sir,

I have the honour to submit revised plans and estimates relating to the Hindu Theological High School, Madras, prepared in accordance with the instructions contained in your memorandum No. 3379-1 Edl., dated 19th November 1913. The original estimate is also enclosed for reference. The total cost according to the revised estimate comes to Rs. 18,600 and it is recommended that a half grant on this amount may be sanctioned.

X sent separately.

I have the honour to be,

Sir,

Your most obedient servant,

N A Arivu

For Director of Public Instruction.

P.R.

FO
CR
14/5/14

S.V.

Ca
13/3

NOTE BY THE CHIEF ENGINEER, P.W.D. 301.WR.B-1

15-5-14

The Director of Public Instruction submits for sanction, through the Educational Department, revised plans Nos. 41 and 42 in triplicate and estimates amounting to Rs. 18,600 for certain additions and improvements to the accommodation of the Hindu Theological High School, Madras.

2. The plans and estimates have been scrutinised in the Chief Engineer's office and the following defects are brought to notice:-

(a) The pressure on the piers marked A at basement level is 8.18 tons per square foot and they should be redesigned so as to reduce it to 4 tons per square foot.

(b) The pressure on the piers marked B at basement level is 5.46 tons per square foot and they should be redesigned to reduce it to 4 tons per square foot.

(c) The pressure on the soil under the piers A & B is 1.93 and 0.94 tons per square foot respectively. The sub soil is stated to be black earth with sand and as such will probably safely carry about $\frac{3}{4}$ to $1\frac{1}{2}$ tons per square foot. It is recommended that the pressure be limited to 1 ton per square foot and to prevent undue settlement that may be caused by varying loads the pressure should be as uniform as possible throughout the foundations of the building.

(d) The large arches on the ground floor are not safe. The pressure at the springing of the arch is 15.62 tons per st. ft which is much above the safe limit and the resultant of the thrust of the arches is found to fall outside the base of the abutment.

3. It is considered that the structural defects which appear in the design submitted for approval can only be remedied by an entirely new design.

4. With the above remarks the plans and estimates are returned for revision and resubmission for sanction.

CNo. 3379.

Memo. 3379-1 Sol of 19.11.13

The plans and estimates relating to the Hindu Theological high school, Madras, received with the D.P.D.'s letter No. 8724/13 dt 1-11-13 are returned to him for resubmission after revision in accordance with the following remarks:—

[H.E (i) & (ii) from page 102 of note file]

PP CA
17.11.13 17.11.13

GR
18.11.13

To, the D.P.D with plans & estimates

[Please keep a copy of memo in file for record]

19.11.13

19.11.13

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Ono 843 Ed
14.3.14

memo NO 843-1
23/5/14

The revised plans and estimates ^{relating to} certain additions and improvements to ~~the accommodation~~ of the Hindu Theological High School, Madras, received with the D.D.'s letter ROC no 8724/13 11.3.14 are returned to him for resubmission after revision in accordance with the Chief Engineer's note no. 301, WKS B-1 of 15.5.14.

Sprals

14cf

15cf

18.5.14 LK
20.5.14

22/5

Notes in CB
28/5

memo.
The D.C. I with plans & estimates & copy of E's note

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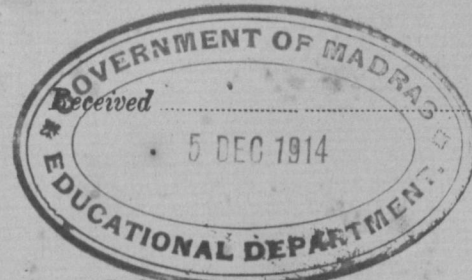
Revised depd
1.8.14
Revised depd
17.9.14
Revised depd
1.10.14

23/5

8.C. 3797 808
5-1-14

O.F.-20.

Educational DEPARTMENT.



191 . Registered . 191 .

Subject.

Submitting revised plans and estimates relating to certain improvements and additions to the building occupied by the Hindu Theological High School, M a d r a s.

ENCLOSURES.

No.

Spare copies

Ref on Cur No. 8 7 2 4 /1913

Station M a d r a s, Dated the 3rd December 191 4

From (Name) the Hon. Mr. J. H. Stone, M.A.F.R.H.S.C.I.E.

(Designation) Director of Public Instruction,

M a d r a s
To The Secretary to the Government of Madras,

E d u c a t i o n Department.

Sir,

p. 7 on p. 1

With reference to your Memorandum No. 843-1, Educational, dated 23rd May 1914, I have the honour to submit herewith revised plans and estimates relating to certain improvements and additions to the Hindu Theological High School, Madras, prepared in accordance with the instructions contained in the Chief Engineer's note No. 301 Wks B.-1 dated 15th May 1914.

2. The original plan and estimates are also enclosed.

I have the honour to be,

S i r ,

Your most obedient servant,

27/11

KL

N.V.S.

For Director of Public Instruction

PUBLIC WORKS DEPARTMENT.

E. W. N O T E

10400 d. 8.2-15

The Director of Public Instruction submits for sanction through the Educational Department a detailed estimate amounting to Rs.20,000 and two plans numbered D.P.I.41 and D.P.I.42-B for additions and improvements to the Hindu Theological High school buildings, Madras.

II. The plans and estimate have been scrutinized in the Chief Engineer's office and the following alterations have been made :-

(1) Constructing piers marked P and P' on plan D.P.I.No.42-B with cement instead of lime mortar, the additional cost involved to be met from the amount provided for "unforeseen works."

(2) Altering the sizes of rolled steel girders and the spacings of teak joists as figured in the plans and estimate.

The total amount of the estimate is unaffected by these alterations.

III. The piers marked M & M' should be constructed with bricks carefully selected

IV Surki mortar should be used throughout the work

V. The gutter at the junction of the old and new building should be properly constructed with sufficient slope & drips.

VI The Superintending Engineer should satisfy himself that the foundations provided are suitable and that the existence of the well in rear shown on site

plan

10
-: 2 :-

11

plan D.P.I.No.41 does not affect the foundations and walls of the proposed building.

VII. With these remarks the estimate amounting to Rs.20,000 is recommended for approval.

(Sd) om 2.2.5.

CRB
A.E. 1/2/50
CA

[E. & L.]
142.
4,800-5.1-13.

Educational
LOCAL AND MUNICIPAL DEPARTMENT.

Again G.O. No. , dated 191 .
Current No. from the , No. , dated 191 .
Current No. 337 9 from the 279 , No. 8724/13, dated 1-11-1913 .

PUBLIC WORKS DEPARTMENT.
C. No. 6525 D. R.
1 E 8-11 1913 .

SUBJECT. Building Grant for the Hindu Theological high school, Madras .

the plans and estimates may be forwarded to
for scrutiny .

PP CA
5-11-13 5/11/13

Colno 3379-1
6.11.13

P.W.D. No.

6.11.13



P.W.D.

OS

The plans and estimates may be returned to Educational with the following remarks—
(i) More information as to how the new building will join up with the old one and also a plan of that portion of the building which will join the new one should be obtained and furnished to enable the carrying out a proper joining of the case. (ii) The stair case is too narrow and the verandah should be made wider to permit of a wide staircase—a verandah 8 ft wide would do. There are only 18 steps provided in each storey of 12 ft which give

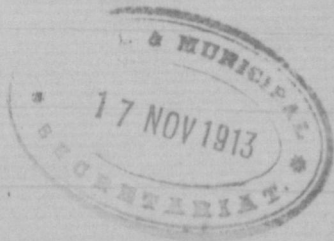
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5/11/13

PUBLIC WORKS DEPARTMENT.

a rise of 8". This is too much and more steps and more steps should be provided so that the rise of each step may not be more than 6".

P.W.U.O. 65.25 D.R.-1
DATE: 15. 11. 13



Educational Depart

A draft memo. is submitted for approval

AP 17. 11. 13
AR 17. 11. 13

18. 11. 13

[memo. no. 3379-1 Dtd 19. 11. 13]

From the S.P.D. Rec no. 8724/13 dt 11-3-14

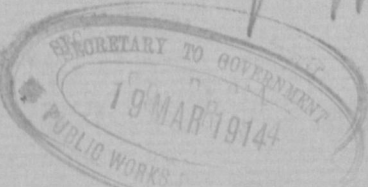
The revised plans and estimates may be forwarded to P.W.D. for scrutiny.

PD 17. 3. 14
AR 16. 3. 14

P.W.D. no. 934

Edno 843-1
19. 3. 14

* Copy Wn added



P.W.D. no. 301 Wks 103
20. 3. 14.

Note by the Chief Engineer P.W.D.
301. Wks B-1
15/5/14.

DS

The revised plans and estimates have been submitted in the office of the Chief Engineer P.W.D. and the remarks thereon

Wks 103

are embodied in the Eos note read above.
The plans and estimates require revision on
the lines pointed out in the note read above. He
may therefor be returned to Educational
for revision of the plans and retransmission
the plans & estimates.

DATED

30. WK B-2

15.5.14

Noted in CR

Cad
15.5.14

CR
15.5

KH
15.5.14
15.5

Call us.

15.5.14



Edt Dept

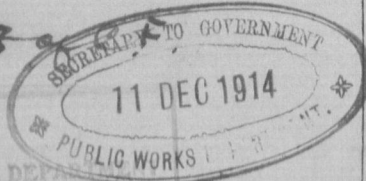
A draft memo. is submitted
for approval

15.5.14 KH
20.5.14

22/5

Page 706 C.F.

Page 8



PUBLIC WORKS DEPT

C. NO. 2984

DATE 11.12.14

Eos 3797-1

10.12.14

the drawing
10.12.14

[Memo no. 843-1 D 16 23.5.14]

From the D.P.D., R.O. no. 8724/13, D 16
30. Dec. 1914 (C no. 3797 201).

The revised plans and estimates may
be forwarded to the P.W.D for scrutiny.

15.12.14 KH
5.12.14

9.12.14

P.W. no.

NOTES.

ps 9-10 CF

Kept below
CF.

OS

Note by the Chief Engineer P.D. 1040C
8-2-15

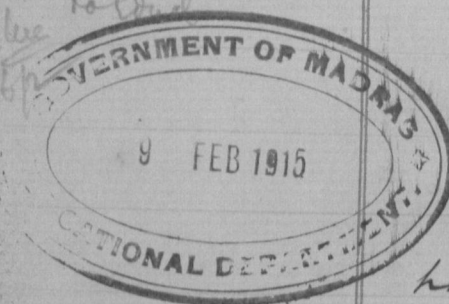
The revised plans and estimates have been scrutinized in the Chief Engineer's office and the remarks thereon are embodied in his note read above. The file may now be returned to Educational for issue of orders.

lee
6.2.15
TS
6/2

lee
8.2.15

P. V. Rao 2984 10/15, Tell us.

Please sign
C.E.'s files before
returning the file
to C.E.



Ed Dept

This is one of the cases in which it has been decided that sanction for the building grant should be deferred. A draft order recording the papers is submitted for approval.

TS
17.2.15
TS
17.2.15

[Handwritten signature]

” ” ” ” ” ” 191 .

C. No. 3379 Ed From the D.O.I., No. 8724/13 dated the 1-11-19
843 Ed do do " " 11-3-
3797 Ed do do " 3-12-19
Note by the Chief Eng. Mr. D. 1046/c 1 B. 2-

No. 182 *Solmis*, dated 19-2-19

Price

(Y)

Recorded with reference to pmo 165 Ed, 2/12

15-2-15

$$\frac{139}{17245}$$

17.2.15

OK 20/2

20

Mr. D. P. S.

811
20/2/51

Read after 6 PM
29th

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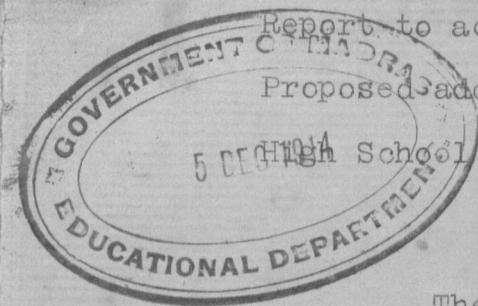
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Plans +
 estimates for
 sanction



Report to accompany the revised plans and estimates for the
Proposed additions and Improvements to the Hindu Theological
School, Madras.

---0---

The plain pan tiled shed which is now used as Class room will be ~~demolished~~ and the proposed building will be erected on its site. The west end wall of the existing double storeyed Class rooms in rear where the east wall of the proposed building abuts, will be demolished and replaced by a new wall - foundations being properly shored. The Mangalore tiled roof with the iron trusses &c above will be removed and replaced afterwards while the terrace floor will be properly supported until the east wall of the proposed building reaches that floor level.

2. As the proposed building encroaches on the site where the urinals and latrine are situated provision is made for rebuilding and remodelling the same.

3. In compliance with the orders of Government conveyed in Government Memorandum No.3379-1 Edl. dated 19-11-1913 the width of the varandah has been made 8 feet so as to admit of a wooden staircase 4 ft. with 6 inches risers.

4. In view of using the two class rooms on the ground floor one for science lecture and the other for Science Laboratory - provision has been now made for two store rooms gaining thereby the advantage of making the N. main wall of the proposed building and that of the existing one run -- through, in a line.

5. It will be noticed that the design now submitted complies with the instructions of the Chief Engineer conveyed in his note No.301 Wks B-1 dated 15-5-14 as far as practicable.

P. Chakrabarti
Architect, 16.10.14
A. Nagarathna
26/10/14
Correspondent

196

Pressure under Main Wall Pier 7'0" Long.

II Floor.

Terrace roof	1	11'0"	$\frac{20'9"}{2}$		120	13695
do over Varandah	1	11-0	$\frac{8-9}{2}$		120	5775
Wall	1	11-0	$1-1\frac{1}{2}$	13-0	120	19305
Pilaster	1	1-6	$0-4\frac{1}{2}$	13-0	120	878
Girder	1	$\frac{23-0}{2}$			44	<u>506</u>
Total lbs						40159
Deduct for Door A	1	4-0	$1-1\frac{1}{2}$	7-6	120	4050
Net total lbs.						<u>36109</u>
or tons						<u>16.12</u>
Area:- Wall	1	7-0	$1-1\frac{1}{2}$			7.87
Pilaster	1	1-6	$0-4\frac{1}{2}$			0.56
Total Sq.ft						<u>8.43</u>
Pressure per sq.ft			$\frac{16.12}{8.43}$ tons			<u>1.91</u>

I Floor.

Load as above						36109
Terrace floor	1	11-0	$\frac{20-4\frac{1}{2}}{2}$		200	22413
do over varandah	1	11-0	$\frac{8-4\frac{1}{2}}{2}$		170	7831
Wall	1	11-0	1-6	12-0	120	23760
Pilaster	1	1-6	$0-4\frac{1}{2}$	12-0	120	810
Girder	1	$\frac{23-0}{2}$			59	679
Total lbs.						<u>91602</u>
Deduct for Door A	1	4-0	1-6	7-6	120	<u>5400</u>
Net total lbs						<u>86202</u>
or tons						<u>38.48</u>
Area:- Wall	1	7-0	1-6			10.5
Pilaster	1	1-6	$0-4\frac{1}{2}$			0.56
Total sq.ft						<u>11.06</u>
Pressure per Sq.ft			$\frac{38.48}{11.06}$	Tons		<u>3.48</u>
Ground floor						

Ground floor

Load as above

Terrace floor

1	11-0	$\frac{20-0}{2}$	200	22000
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5

Terrace floor over varandah	1	11-0	$\frac{8-0}{2}$		170	7480
Wall	1	11-0	$1-10\frac{1}{2}$	12-0	120	29700
Pilasters	2	$1-10\frac{1}{2}$	$0-4\frac{1}{2}$	12-0	120	2025
Girder	1	$\frac{23-0}{2}$			59	679
Total lbs						<u>148086</u>
Deduct for Door A	1	4-0	$1-10\frac{1}{2}$	7-6	120	6750
Net total lbs.						<u>141336</u>
or Tons						63.09

Area :- Wall	1	7-0	$1-10\frac{1}{2}$			13.12
Pilasters	2	$1-10\frac{1}{2}$	$0-4\frac{1}{2}$			1.41
Total Sq.ft						<u>14.53</u>
Pressure per sq.ft						$\frac{63.09}{14.53}$
					Tons	4.34

Soil:- Load as above						141336
Basement	1	11-0	2-3	1-6	120	4455
do Pilaster	2	2-3	$0-4\frac{1}{2}$	1-6	120	304
I Footing	1	11-0	$2-7\frac{1}{2}$	1-0	120	3465
do pilaster	2	$2-7\frac{1}{2}$	$0-4\frac{1}{2}$	1-0	120	236
II Flooring Footing	1	11-0	3-0	1-0	120	3960
do Pilaster	2	3-0	$0-4\frac{1}{2}$	1-0	120	270
III Footing	1	11-0	$3-4\frac{1}{2}$	1-0	120	4455
do Pilasters	2	$3-4\frac{1}{2}$	$0-4\frac{1}{2}$	1-0	120	304
IV Footing	1	11-0	3-9	1-0	120	4950
do Pilasters	2	3-9	$0-4\frac{1}{2}$	1-0	120	338
Concrete	1	11-0	6-6	1-6	120	12870
do pilasters	2	6-6	0-6	1-6	120	1170
Total lbs						<u>178113</u>
or Tons						79.51

Area:- Wall	1	11-0	6-6			71.5
Pilasters	2	6-6	0-6			6.5
Total						<u>78 Sq.ft</u>
Pressure per Sq.ft						$\frac{79.51}{78}$
					Tons	1.02

Pressure on Pier 3'0" in the side wall.

VP

II Floor

Terrace roof	1	$\frac{11-4\frac{1}{2}}{2}$	3-0	-	120	2048
Wall	1	3-0	1-1 $\frac{1}{2}$	13-0	120	5265
Total lbs.						<u>7313</u> or 3.26 tons.
Area:- Wall	1	3-0	1-1 $\frac{1}{2}$			sq.ft 3.37
Pressure per sq.ft.					Tons $\frac{3.26}{3.37}$	0.97

I Floor Load as above

Terrace floor	1	$\frac{11-2\frac{1}{2}}{2}$	3-0		200	3356
Wall	1	3-0	1-6	12-0	120	6480
Total lbs						<u>17149</u>
or Tons						7.6
Area :- wall	1	3-0	1-6			S.ft 4.5
Pressure ^{per} for S.ft		7.66			Tons	Tons 1.7
		4.5				

Ground Floor

Load as above						17149
Terrace floor	1	$\frac{11-0}{2}$	3-0		200	3300
Wall	1	3-0	1-10 $\frac{1}{2}$	12-0	120	9100
Total lbs						<u>28549</u>
or Tons						12.73
Area :- Wall	1	3-0	1-10 $\frac{1}{2}$			5.62
Pressure per S.ft.					Tons $\frac{12.73}{5.62}$	Tons 2.27

Soil

Load as above						28549
^a Basement	1	3-0	2-3	1-6	120	1215
I Footing	1	3-0	2-7 $\frac{1}{2}$	1-0	120	945
II Footing	1	3-0	3-0	1-0	120	1080
III Footing	1	3-0	3-4 $\frac{1}{2}$	1-0	120	<u>1215</u>
IV Footing	1	3-0	3-9	1-0	120	1350
Concrete	1	3-0	6-6	1-6	120	3510
Total lbs						<u>37864</u>
or tons						16.9
Area :- Wall	1	3-0	6-6			S.ft 19.5
Pressure per S.ft		$\frac{16.9}{19.5}$			tons	Tons 0.87

R. Shakti Kumar
 A. Nagarathna
 16.10.14
 Correspondent

Detail of work.	No.	Measurement				Total
		Length	Breadth	Depth	Area or Contents	
1	2	3	4	5	6	7
<u>Earth work excavation for foundation.</u>						
Main wall all round	1	138-6	6-6	7-0	6302	
Cross wall	1	15-4 $\frac{1}{2}$	4-6	7-0	484	
Pilasters	9	6-6	0-6	7-0	205	
Front varandah wall	1	52-10 $\frac{1}{2}$	5-6	7-0	2036	
do cross walls	2	4-0 $\frac{3}{4}$	5-6	7-0	313	
Pilasters in front	2	12-10 $\frac{1}{2}$	0-4 $\frac{1}{2}$	7-0	68	
Store room wall 3 sides	1	60-7 $\frac{1}{2}$	4-0	5-6	1334	
do Cross wall	1	4-2 $\frac{1}{4}$	4-0	5-6	92	
Steps in front	1	10-0	3-3	0-6	16	
do left	1	8-0	2-9	0-6	11	
do right	1	4-6	2-9	0-6	6	
Total C. ft	.	..	..	..	10867	or 11000
<u>Filling in basement with earth.</u>						
Class rooms	2	21-7 $\frac{1}{2}$	19-7 $\frac{1}{2}$	1-0	849	
Front varandah	1	45-1 $\frac{1}{2}$	7-7 $\frac{1}{2}$	1-0	344 344 }	
Store rooms	2	22-0	7-7 $\frac{1}{2}$	1-0	336	
Total c. ft.					1529	
Deduct for:-						
Pilaster in class rooms and varandah	9	2-3	0-4 $\frac{1}{2}$	1-0	8	
					1521	or 1520
<u>Sand filling under foundation.</u>						
Main wall all round	1	138-6	6-6	1-6	1350	
Cross wall	1	15-4 $\frac{1}{2}$	4-6	1-6	104	
Pilasters	9	6-6	0-6	1-6	44	
Front varandah wall	1	52-10 $\frac{1}{2}$	5-6	1-6	436 436 }	
do Cross walls	2	4-0 $\frac{3}{4}$	5-6	1-6	67	
Pilasters in front	2	12-10 $\frac{1}{2}$	0-4 $\frac{1}{2}$	1-6	15	

Store room wall 3 sides	1	60-7 $\frac{1}{2}$	4-0	1-0	243
do Cross walls	1	4-5 $\frac{1}{4}$	4-0	1-0	18
Total C. ft.					<u>2277</u>

or 2300

Concrete broken brick in lime mortar.

Main wall all round	1	138-6	6-6	1-6	1350
Cross wall	1	15-4 $\frac{1}{2}$	4-6	1-6	104
Pilasters in class rooms	9	6-6	0-6	1-6	44
Front varandah wall	1	52-10 $\frac{1}{2}$	5-6	1-6	436
Cross walls	2	4-0 $\frac{3}{4}$	5-6	1-6	67
Pilasters in front	2	12-10 $\frac{1}{2}$	0-4 $\frac{1}{2}$	1-6	15
Store room wall 3 sides	1	60-7 $\frac{1}{2}$	4-0	1-6	243 364
Cross walls	1	4-5 $\frac{1}{4}$	4-0	1-6	27
Steps in front	1	10-0	3-3	0-6	16
do left	1	8-0	2-9	0-6	11
do right	1	4-6	2-9	0-6	6
Total C. ft.					<u>2319</u>

2440
or 2325

I Class Country brick in lime mortar
Foundation & basement

I Footing:

Main wall all round	1	138-6	3-9	1-0	519
Cross wall	1	18-1 $\frac{1}{2}$	3-4 $\frac{1}{2}$	1-0	61
Pilasters in class rooms	9	3-9	0-4 $\frac{1}{2}$	1-0	13
Front varandah wall	1	51-1 $\frac{1}{2}$	4-1 $\frac{1}{2}$	1-0	211
Cross walls	2	6-1 $\frac{1}{2}$	3-9	1-0	46
Pilasters in front	2	10-1 $\frac{1}{2}$	0-4 $\frac{1}{2}$	1-0	8
Store room wall 3 sides	1	63-9	3-0	1-0	191
Cross wall	1	6-6	3-0	1-0	20

II Footing.

Main wall all round	1	138-6	3-4 $\frac{1}{2}$	1-0	467
Cross wall	1	18-6	3-0	1-0	56
Pilasters in class rooms	9	3-4 $\frac{1}{2}$	0-4 $\frac{1}{2}$	1-0	12
Front varandah wall	1	50-9	3-9	1-0	190
Cross walls	2	6-6	3-4 $\frac{1}{2}$	1-0	44
Pilasters in front	2	9-4 $\frac{1}{2}$	0-4 $\frac{1}{2}$	1-0	7
Store room wall 3 sides	1	64-1 $\frac{1}{2}$	2-7 $\frac{1}{2}$	1-0	168
Cross wall	1	6-10 $\frac{1}{2}$	2-7 $\frac{1}{2}$	1-0	18

III Footing

Main wall all round	1	138-6	3-0	1-0	416
Cross wall	1	18-10 $\frac{1}{2}$	2-7 $\frac{1}{2}$	1-0	49
Pilasters in rooms	9	3-0	0-4 $\frac{1}{2}$	1-0	10

23

Front varandah wall	1	50-4 $\frac{1}{2}$	3-4 $\frac{1}{2}$	1-0	170
Cross walls	2	6-10 $\frac{1}{2}$	3-0	1-0	41
Pilasters in front	2	8-7 $\frac{1}{2}$	0-4 $\frac{1}{2}$	1-0	6
Store room wall 3 sides	1	64-6	2-3	1-0	145
Cross wall	1	7-3	2-3	1-0	16

IV Footing

Main wall all round	1	138-6	2-7 $\frac{1}{2}$	1-0	366
Cross walls	1	19-3	2-3	1-0	43
Pilasters in classes	9	2-7 $\frac{1}{2}$	0-4 $\frac{1}{2}$	1-0	9
Front varandah wall	1	50-0	3-0	1-0	150
Cross walls	2	7-3	2-7 $\frac{1}{2}$	1-0	38
Pilasters in front	2	7-10 $\frac{1}{2}$	0-4 $\frac{1}{2}$	1-0	6

Basement.

Main wall all round	1	138-6	2-3	1-6	467
Cross wall	1	19-7 $\frac{1}{2}$	1-10 $\frac{1}{2}$	1-6	55
Pilaster in class/rooms	9	2-3	0-4 $\frac{1}{2}$	1-6	11
Front varandah wall	1	49-7 $\frac{1}{2}$	2-7 $\frac{1}{2}$	1-6	195
Cross walls	2	7-7 $\frac{1}{2}$	2-3	1-6	51
Pilasters in front	2	7-7 $\frac{1}{2}$	0-4 $\frac{1}{2}$	1-6	8
Store room wall 3 sides	1	64-10 $\frac{1}{2}$	1-10 $\frac{1}{2}$	1-6	183
Cross wall	1	7-7 $\frac{1}{2}$	1-10 $\frac{1}{2}$	1-6	21
Steps in front 1st riser	1	7-6	2-0	0-6	8
do ^{2nd} 3rd riser	1	5-6	1-0	0-6	3
Steps in left 1st riser	1	5-8	1-8	0-6	5
do 2nd riser	1	4-0	0-10	0-6	2
Steps in right	1	4-0	2-6	1-6	10

Total C. ft.

4515

I Class country brick in
in lime mortar:-

Superstructure.

Ground Floor Main wall all round ..	1	138-6	1-10 $\frac{1}{2}$	12-0	3116
Cross wall	1	20-0	1-6	12-0	360
Pilasters in class rooms	9	1-10 $\frac{1}{2}$	0-4 $\frac{1}{2}$	12-0	76
Front varandah wall	1	49-3	2-3	12-0	1330
do Cross wall	2	8-0	1-10 $\frac{1}{2}$	12-0	360

Pilasters in front	2	6-4 $\frac{1}{2}$ 18-18	0-4 $\frac{1}{2}$	12-0	57
Store room 3 sides	1	65-3	1-6	12-0	1175
do Cross wall	1	8-0	1-6	12-0	144
Total C. ft.					<u>6618</u>

Deduct for:-

Door A	9	4-0	1-10 $\frac{1}{2}$	7-6	506
Door A	2	4-0	1-6	7-6	90
Window B	5	4-0	1-10 $\frac{1}{2}$	5-0	188
Ventilators D	6	8-28	area	1-6	75
Varandah openings	5	5-7 $\frac{4}{5}$	2-3	6-3	397
do Semicircular openings	5	12-54 area		2-3	141
do at sides	2	16.28	area	1-10 $\frac{1}{2}$	61
Templates under R. S. J.	4	2-3	2-3	0-6	10
Archwork as per details below					484
Total deductions					<u>1952</u>
Net Total C. ft.					4666

or 4700

I Floor-Superstructure

Main wall all round	1	138-6	1-6	12-0	2493
Cross wall	1	20-4 $\frac{1}{2}$	1-1 $\frac{1}{2}$	12-0	275
Pilasters in rooms	4	1-6	0-4 $\frac{1}{2}$	12-0	27
Varandah wall front	1	48-10 $\frac{1}{2}$	1-10 $\frac{1}{2}$	12-0	1100
do Cross walls	2	8-4 $\frac{1}{2}$	1-6	12-0	302
Pilasters in front	5	2-3	0-4 $\frac{1}{2}$	12-0	51
do at ends	2	6-2 $\frac{1}{4}$	0-6 $\frac{3}{4}$	12-0	84
Total					<u>4332</u>
Deduct for: Doors A	4	4-0	1-6	7-6	180
Door A	2	4-0	1-1 $\frac{1}{2}$	7-6	68
Window B	10	4-0	1-6	5-0	300
Varandah openings	5	5-7 $\frac{4}{5}$	1-6	6-6	275
do semicircular	5	12.54	area	1-6	94
do at sides	2	16.28	"	1-6	49
Templates under R. S. J.	4	1-10 $\frac{1}{2}$	1-10 $\frac{1}{2}$	0-6	7
Archwork as per details below					247
Total deductions					<u>1220</u>
Net Total C. ft.					3112

3112 or 3112

II Floor Superstructure.

Main wall all round	1	138-6	1-1½	12-0	1870
Pilaster in hall	6	1-6	0-4½	12-0	41
Varandah wall front	1	48-6	1-6	1-6	109
do Cross walls	2	8-9	1-1½	12-0	236
Pilaster in front	2	6-0	0-9	12-0	108
Binding wall all round	1	138-6	1-1½	1-0	156
do wall over R.S.J.	3	20-9	1-1½	1-0	70
do over varandah at sides	2	7-7½	1-1½	1-0	17
Total C.ft					<u>2607</u>

Deduct for doors A	3	4-0	1-1½	7-6	101
Window B	11	4-0	1-1½	5-0	248
Varandah openings at sides rectangular	4	2-0	1-1½	4-6	41
Templates under R.S.J.	3x2	1-6	1-6	0-6	7
Archwork as per details below					97
Total deductions					<u>494</u>

Net total C.ft

2113

brick Archwork/in lime mortar.

Ground floor over doors A	9	5-0	1-10½	1-1½	95
Over doors A	2	5-0	1-6	1-1½	17
Over windows B	5	5-0	1-10½	1-1½	53
Over ventilators B	6	8-1	1-6	1-1½	82
Front varandah arches	5	11.19	2-3	1-6	189
do at sides	2	8.6	1-10½	1-6	48
Total					<u>484</u>

I Floor - Over doors A	4	5-0	1-6	1-1½	34
Do A	2	5-0	1-1½	1-1½	13
Over windows B	10	5-0	1-6	1-1½	84
Semi-circular arch in front	5	10-6	1-6	1-1½	89
Do at sides	2	8.1	1-6	1-1½	27
Total					<u>247</u>

II Floor - Over doors A	3	5-0	1-1½	1-1½	19
Windows B	11	5-0	1-1½	1-1½	70
Varandah openings	4	2-6	1-1½	0-9	8
Total C.ft					97

Total for 3 floors

828

brick
Cornice in Lime mortar
including plastering
complete

Ground floor wall 3 sides	1	130-3			130
I floor all round	1	172-0			172
II floor all round	1	170-0			170

472

Total R.ft
Ground floor plain brick
cornice projecting
2" in Lime mortar

In front varandah	1	52-0			52
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Total R.ft

52

I Floor ornamental brick
in mortar parapet with
plastering complete

Parapet over store	1	65-3			65
do in front	1	32-0			32

Total R.ft

97

II Floor - Brick in lime
mortar parapet inclu-
ding plastering com-
plete

Parapet	1	57-0			57
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Total R.ft

57

String course round arches in I floor	5	7-0			35
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Total R.ft

35

II Floor - 1'-10½" x 1'6"
Rectangular pillar brick
in mortar including bases
caps and plastering com-
plete.

Pillars	5	9-6			48
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Total R.ft

48

Pot balustrades	1	35-0			35
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Total R.ft

35

Demolishing the walls of
the old class rooms

L s.

Extra masonry for joining
the new work with the
old one with necessary
bond stones &c

L.S.

U Shaped masonry drain
brick in mortar with cement
plaster &c complete

1 60-0

60

Total R.ft

60

Alteration to the existing
urinal and latrine

L.S.

Cut stone work.

Ground floor- Templates
under girders

4 2-3 2-3 0-6 10

I Floor do

4 1-10 $\frac{1}{2}$ 1-10 $\frac{1}{2}$ 0-6 6

II Floor do

3x2 1-6 1-6 0-6 7

Total C.ft

Rolled steel joists includ-
ing hoisting & setting

Ground floor - class rooms
(15"x6"x59lbs)
do

2 23-0 @ 59 lbs 2714

I floor Hall ~~12"x6"x59lbs~~

2 23-0 @ 59 2714

II Floor Hall 12"x6"x44.1b.
15"x6"x59 lbs

3 23-0 @ 44 3036
59

Total lbs.

9499 4.26
8464 or 3.78
tons.

Concrete bressummer 12"x18"
reinforced with double
R.S.J. 5"x3"x11 lbs inclu-
ding plastering complete

II floor varandah front

1 45-6 46

Total R.ft

46.

Teak wood wrought & put up:-

Notes	Ground floor-class rooms	Store rooms	Front varandah	L floor - class rooms	Front Varandah	II Floor - Class rooms	Varandah	Camber pieces	Total C.ft
1 $\frac{1}{4}$ '	4x16	12-0	0-3	0-9	144.00				
1 $\frac{1}{2}$ '	2x15	9-6	0-2	0-7	27.71				
1 $\frac{1}{2}$ '	24	9-6	0-2	0-7	22.16				
1 $\frac{1}{4}$ '	4x16	12-3	0-3	0-9	147.00				
1 $\frac{1}{4}$ '	29 24	9-9	0-2	0-7	27.49 22.75 126.00				
1 $\frac{1}{2}$ '	2-16	24-0	0-3	0-9	147.00				
1 $\frac{1}{4}$ '	37 32	10-3	0-2	0-7	51.89				
	3	11-0	0-6	0-4	5.50				

Total C.ft

536.73 545.01
536.73 or 537.01

Teak stair case with necessary frames, supports, hand rails with polish complete

Ground floor	1	42-0	4-0	168
I Floor	1	42-0	4-0	168

Total Sq.ft

336

Teak panelled doors with frames hooks, bolts &c complete

Ground floor - Doors A	11	4-0	7-6	330
I Floor - Doors A	6	4-0	7-6	180
II Floor - Doors A	3	4-0	7-6	90

Total Sq.ft

600

Teak panelled windows with iron bars, frames, hooks bolts &c, complete

Ground floor Window B	5	4-0	5-0	100
I Floor - Windows B	10	4-0	5-0	200
II Floor Windows B	11	4-0	5-0	220

Total Sq.ft

520

Semicircular glazed ventilators centre hung with frames

Ventilators D (G Floor)	6	8.28	area	50
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Total Sq.ft

50

Flooring with 2" Cudappah slabs over 6" sand and pointing with Portland cement.

Ground floor - Class rooms	2	22-0	20-0	880
Varandah	1	45-6	8-0	364
Store rooms	2	22-4 $\frac{1}{2}$	8-0	358

Total Sq.ft

1602

Deduct for pilaster in rooms

9	1-10 $\frac{1}{2}$	0-4 $\frac{1}{2}$	6
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Net total Sq.ft

1596 or 1600

Paving with 2" Cudapah slabs over $\frac{1}{2}$ " mortar & pointing with Portland cement.

Ground floor - Varandah rectangular portion

Sills of doors A	5	5-7 $\frac{1}{4}$	2-5 $\frac{1}{4}$	69
do do A	9	4-05	1-6	54
Steps in front	2	4-0	1-1 $\frac{1}{2}$	9
do left	1	28-6	1-2	33
do right	1	20-6	1-0	21
	1	13-0	1-0	13

Total Sq.ft

199 or 200

Terrace flooring with brick
on edge 3" well beaten concrete
with a levelling course
one course of flat tiles top
and bottom, cement plastered
and top thread lined.

I floor - Class rooms	2	22-0	20-0	880
Varandah	1	35-0	8-0	280
II Floor - Class rooms	2	20-4 $\frac{1}{2}$	22-4 $\frac{1}{2}$	912
Varandah	1	35-6	8-4 $\frac{1}{2}$	297
Total Sq.ft				2369.

Deduct for

I Floor pilasters in rooms	4	1-10 $\frac{1}{2}$	0-4 $\frac{1}{2}$	3
II Floor do	4	1-6	0-4 $\frac{1}{2}$	2
Total deduction				5

Net Total

2364

Terrace roofing with brick
on edge, 3" concrete
3 courses of flat tiles
top & bottom lime plastered.

Ground floor - over the Store rooms	2	22-4 $\frac{1}{2}$	8-0	358
II Floor - over the hall and varandah	1	46-3	31-0	1434
Total Sq.ft				1792

Deduct for

Pilasters in rooms	3x2	1-6	0-4 $\frac{1}{2}$	3
Sky lights over store room	2	5-0	3-0	30
Total deduction				33

Net total Sq.ft

1759

Sky light over store rooms	2	5-0	3-0	30
Total Sq. ft				30

Mangalore tiled sunshades
with 3 coats of painting
complete with fixing

Ground floor - over doors and windows on the left	1	18-0	4-0	72
I Floor do	1	18-0	4-0	72
II Floor do R & Left	2	18-0	4-0	144
Total Sq.ft				288 288

Plastering with lime mortar,
2 coats & finished smooth

Ground floor - Interior

Wall all round class rooms	2	84-0	11-3	1890
Store room wall all round	2	60-9	11-3	1367
Varandah wall do	1	107-0	11-3	1204
Sides and soffits of doors A	9	19-0	1-10 $\frac{1}{2}$	321 214
do A	2	19-0	1-6	57
Sides, soffits and sills of windows B	5	18-0	1-10 $\frac{1}{2}$	169 135
Intrados and sills & Ventilators D	6	11.28	1-6	102
Sides, intrados and cills of small opening in varandah	2	15-28	1-10 $\frac{1}{2}$	57
Pilasters in class rooms	18	0-4 $\frac{1}{2}$	11-3	76
Exterior:- Main wall 3 sides with plasters	1	145-3	11-3	1634
Total				6859 6877 6726
Deduct for - Doors A	11x2	4-0	7-6	660
Windows B	5x2	4-0	5-0	200
Ventilators D	6x2	8-28	area	99
Rectangular openings	5	6-3	5-7 $\frac{4}{5}$	177
Semicircular openings	5	12.54	area	63
Openings at sides of varandah 2x2	16.28	"		65
Total deductions				1264 5613 5595 6472
Net total Sq.ft				
I Floor interior				
Wall all round class rooms	2	85-6	11-3	1924
Pilasters in rooms	8	0-4 $\frac{1}{2}$	11-3	34
Varandah	1	108-6	11-3	1221
Sides & Soffits of doors A	4	19-0	1-6	114 144
do A	2	19-0	1-1 $\frac{1}{2}$	43
Sides soffits & cills of windows B	10	18-0	1-6	270
Sides & intrados of arches in front	5	16-0	1-6	120
Sides & intrados & cills of arches at sides	2	15.28	1-6	46
Exterior wall all round	1	167-7 $\frac{1}{2}$	11-3	1886
Pilasters at ends	4	11-3	0-6 $\frac{3}{4}$	25
-do- in front	10	11-3	0-4 $\frac{1}{2}$	42
Total Sq.ft				5725

Deduct for -Door A	2x6	4-0	7-6	360
Windows B	2x10	4-0	5-0	400
Semicircular opening in front	2x5	12.54	area	125
do at sides	2x2	16.28	"	65
Rectangular opening in front	2x5	3-9	5-7 $\frac{4}{5}$	212
				1162

Total deduction Sq.ft

Net total Sq.ft

4563

II Floor (Interior)

Wall all round the hall	1	134-0	11-3	1508
Pilasters in hall	6x2	0-4 $\frac{1}{2}$	11-3	51
Varandah all round	1	110-0	11-3	1238
Binding wall all round	1	134-0	1-0	134
do at top	1	138-6	1-1 $\frac{1}{2}$	156
do over R.S.J	3x2	20-9	1-0	125
do at top	1	20-9	1-1 $\frac{1}{2}$	23
do over varandah sides	1	8-9	1-0	9
do top	1	8-9	1-1 $\frac{1}{2}$	10
Sides & siffits of doors A	3	19-0	1-1 $\frac{1}{2}$	64
do & cills of windows B	11	18-0	1-1 $\frac{1}{2}$	223
Exterior all round the building	1	169-6	11-3	1907

Total Sq.ft

5448

Deduct for:- Doors A

2x3

4-0

7-6

180

Windows B

2x11

4-0

5-0

440

Rectangular openings in varandah

2x4

2-0

4-6

72

do Varandah

2

43-3

10-6

908

Total deuctions S.ft

1600

Net total Sq.ft

3848

Net total for 3 floors S.ft

13883

14000 or 14000

14024

Pilastering with 1" lime mortar with rustication work.

G Floor - front varandah wall sides

1

43-3

11-3

488

Sides & intrados of arches in front

5

21-3

2-3

250

Total Sq.ft

738

Deduct for - Rect. openings	5	6-3	5-7 $\frac{4}{5}$	177	
Semicircular openings	5	12.54	area	63	
Total deduction S.ft				240	
Net total Sq.ft				498 or 500	
Plastering with cement (1:3) $\frac{1}{2}$ " thick.					
Exterior all round basement	1	190-0	1-6 2-0	285 380	
Sides of steps in front	1	12-0	0-6	6	
do left	1	10-0	0-6	5	
do right	1	5-0	1-0	5	
Total Sq.ft				390 301	300 or 400
Plaster black boards:-					
In class rooms total No.	4			4	4
4" Dr.Zinc down fall pipes with necessary bends and iron fittings complete Total R.ft	4	38-0		152	152
Painting 3 coats:-			Coefft		
G & Floor - Doors A	11	4-0	2 $\frac{1}{4}$	7-6	743
Windows B	5	4-0	2 $\frac{3}{4}$	5-0	275
Ventilators D	8	8.28 area			66
Joists in class rooms	64	12-0		1-9	1344
" store rooms	30	9-6		1-4	380
" Varandah	24	9-6		1-4	304
R.s.j. in rooms	2	23-0		3-6	161
I Floor -- Door A	6	4-0	2 $\frac{1}{4}$	7-6	405
Windows B	10	4-0	2 $\frac{3}{4}$	5-0	550
I Floor - Joist in class rooms	64	12-3		1-9	1372
" Varandar	24	9-9		1-4	312
R.S.J. in rooms	2	23-0		3-6	161
II Floor Doors A	3	4-0	2 $\frac{1}{4}$	7-6	203
Windows B	11	4-0	2 $\frac{3}{4}$	5-0	605
Joists in hall	32	24-0		1-9	1344
" in varandah	32	10-3		1-4	437
Camber pieces	3	11-0		0-8	22
R.S.J. in hall	3	23-0		3-0	207
Total S.ft					8891 or 8900

Removing the Mangalore tiled roof with roof timbers,
iron trusses &c over the existing
room to admit of the replacement
of the old wall by the new one and
replacing the same

L. S.

Providing temporary supports
for the floor joists of the
existing class rooms with
necessary R. S. J. during
construction of the east wall
of the proposed new building

L. S.

Red Hills water charges v

L. S.

Demolishing the existing pan
tiled shed and removing
the Debris

L. S.

Clearing the site after completion

L.

6" Dr. Zinc gutter at the
junction of the existing
M. tiled roof and the pro-
posed building.

L. S.

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P. Chakrabarti
16.10.14.

A. Nagarathna
26/10/14
Correspondent

CLB
A-B
CA 30/1/15

PROPOSED.

ADDITIONS & IMPROVEMENTS

to

THE HINDU THEOLOGICAL HIGH SCHOOL.

MADRAS.

Quantity	Description.	Rate	Per	Amount	Total
C. ft		Rs	C. ft	Rs.	Rs.
11,800 ✓	Earth work excavation for foundations.	6-8-0	1000	72	
1520 ✓	Filling in basements with earth	3-8-0	1000	5	
2,300 ✓	Sand filling under foundations	6-0-0	100	138	
2,440 2,325 ✓	Concrete broken brick in lime mortar (foundation & basement)	17-8-0	100	427 407	
4,515 ✓	First country brick in lime mortar foundation & basement	28-0-0	100	1264	
4,700 ✓	do Superstructure ground floor	29-0-0	100	1363	
3112 ✓	do do I floor	30-0-0	100	934	
2,113 ✓	do do II floor	31-0-0	100	655	
828 ✓	Arch work brick in surki mortar including three floors	32-0-0	100	265	
R. ft 472 ✓	Cornice brick in lime mortar including plastering	0-10-0	"	295	
52 ✓	Plain brick cornice 2" projection	0-3-0	"	10	
97 ✓	Ornamental parapet brick in lime mortar with plastering complete	2-0-0	"	194	
57 ✓	Brick in mortar parapet including plastering	1-4-0	"	71	
35 ✓	String course	0-4-0	"	9	
48 ✓	1'-10½" x 1'-6" Rectangular pillars brick in mortar including base, cap and plastering complete	1-8-0	"	72	
35 ✓	Pot balustrades	1-0-0	"	35	
L. S. ✓	Extra Masonry for joining the new work with the old one with necessary bond stones &c		L.S.	200	
L. S. ✓	Demolishing the wall of the old class rooms		L.S	50	

QTY	UNIT	DESCRIPTION	QTY	UNIT	AMOUNT	REMARKS
R. ft. 60		U Shaped masonry drain brick in mortar with cement plaster- ing	0-12-0	R. ft.	45	
L. S.		Demolishing a portion of the existing urinal and latrine and remodelling the same	XXXXX	L.S.	300	
23 C. ft		Cut stone work	2-0-0	C. ft.	48	
Tons 3.78		Rolled steel joists including hoisting & setting	170/-	Tons	721 643	+78
R. ft 46		Concrete bresummer (12"x18") reinforced with double R.S.J. (5"x3"x11 lbs) including plastering complete	2-12-0	R. ft	127	
C. ft 545.01		Teak wood wrought and put up	6-8-0	C. ft	3491 3543	-5
S. ft. 336		Teak stair case with necessary frames, supports hand rails with polishing complete	3-8-0	S. ft	1176	
600		Teak panelled doors with frames, hooks bolts &c complete	1-7-0	S. ft	863	
520		Teak batten windows with iron bars, frames, hooks, bolts, &c complete	11-3-0	S. ft	943	
50		Semicircular glazed ventilators centre hung with frames &c complete	1-6-0	S. ft	69	
1600		Flooring with 2" Cudapah slabs over 6" sand and pointing with Portland cement	28-0-0	100	448	
200		Paving with 2" Cudapah slabs over 1/2" mortar and pointing with Portland cement	24-0-0	100	48	
2364		Terrace flooring with brick on edge 3" well beaten concrete with a leveling course, one course of flat tiles top and bottom cement plastered - top being thread lined	39-0-0	100	922	
1759		Terrace roofing with brick on edge 3" Concrete 3 Courses of flat tiles top & bottom lime plastered	48-0-0	100	844	
30		Plate glass sky lights over store rooms with frames &c complete	3-0-0	S. ft XXX	90	
288		Mangalore filed sunshades with frames complete with fixing and painting	1-5-0	S. ft	378	

16 | 572

L.S. Removing the Mangalore tiled roof over the existing class room with roof timbers iron trusses &c to admit of the replacement of the old wall by the new one and replacing the same

L.S. 250

L.S. Providing temporary supports for the floor joists over existing ground floor class rooms with necessary rolled steel joists during the construction of the east wall of the proposed New Building

L.S. 25

S. ft 14,000 Plastering the lime mortar 2 coats and finished smooth

4-0-0

S.ft 100 560

500 Plastering with lime mortar 1" thick with rustication work

5-0-0

100 25

300
400 Plastering with cement (1:3) $\frac{1}{2}$ " thick

6-8-0

100 20

No.4 Plaster black-boards

10-0-0

each 40

R. ft. 152 4" Dr. Zinc down-fall pipes with necessary bends and iron fittings

0-6-0

R.ft 57

S.ft 8,900 Painting 3 coats

2-12-0

100 245

L. S. Red Hills water charges

L.S. 150

L. S. Demolishing the existing pan tiled shed and removing the debris

L.S. 100

L. S. 6" Dr. Zinc eaves gutter

L.S. 75

L. S. Clearing the site after completion

L.S. 50

Total

18169 18143

Contingencies at 5%

907

Petty supervision @ $2\frac{1}{2}\%$

453

Fees for preparing plans and estimates with stationery charges &c

280

Un foreseen works *including the construction of certain parts in brick in cement vide Note (2) in plans*

217

238

Grand Total of Estimate

Rs. 20,000

For Director of Public
Inst.

Shakunika
16.10.14.

Ar. Nagarathna
26/10/14
Correspondent

30/11/15

SITE PLAN
K.F.D. No. 21

THE HINDU THEOLOGICAL HIGH SCHOOL
MADRAS.

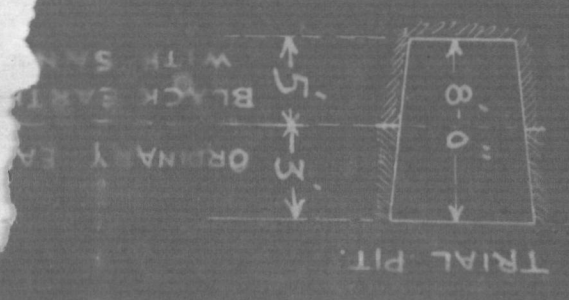
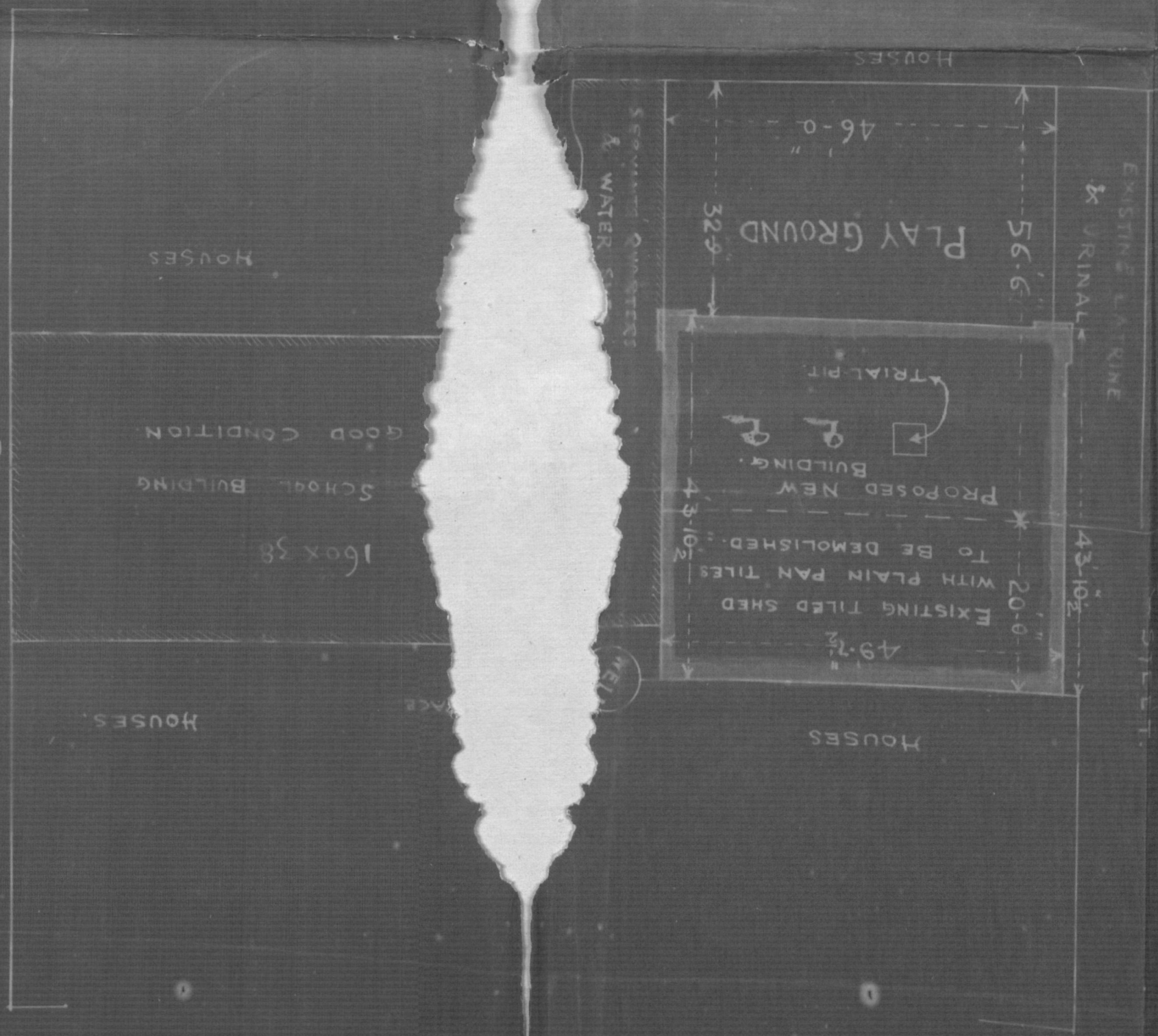
SCALE 1/4" = 16 FT.

N

MINT STREET.

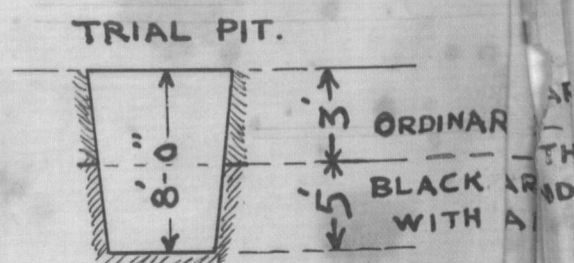
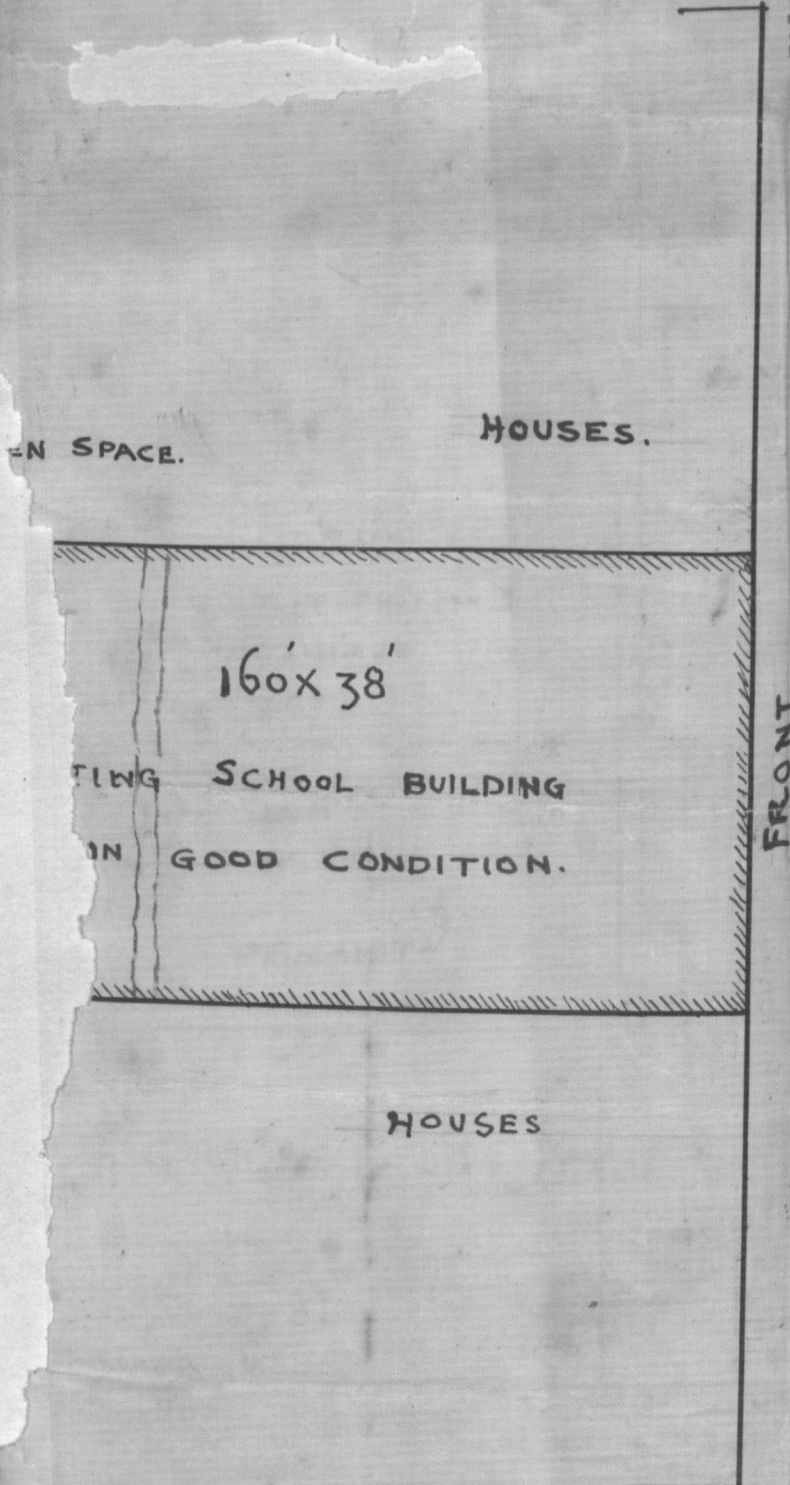
HOUSES.

FRONT



CORRESPONDENT

L. P. J. 144
 LAN
 BIOLOGICAL HIGH SCHOOL
 PRAS.

$$1.1 \text{ N} = 16 \text{ F.I.}$$


Revised
for Director of Public
Insh.

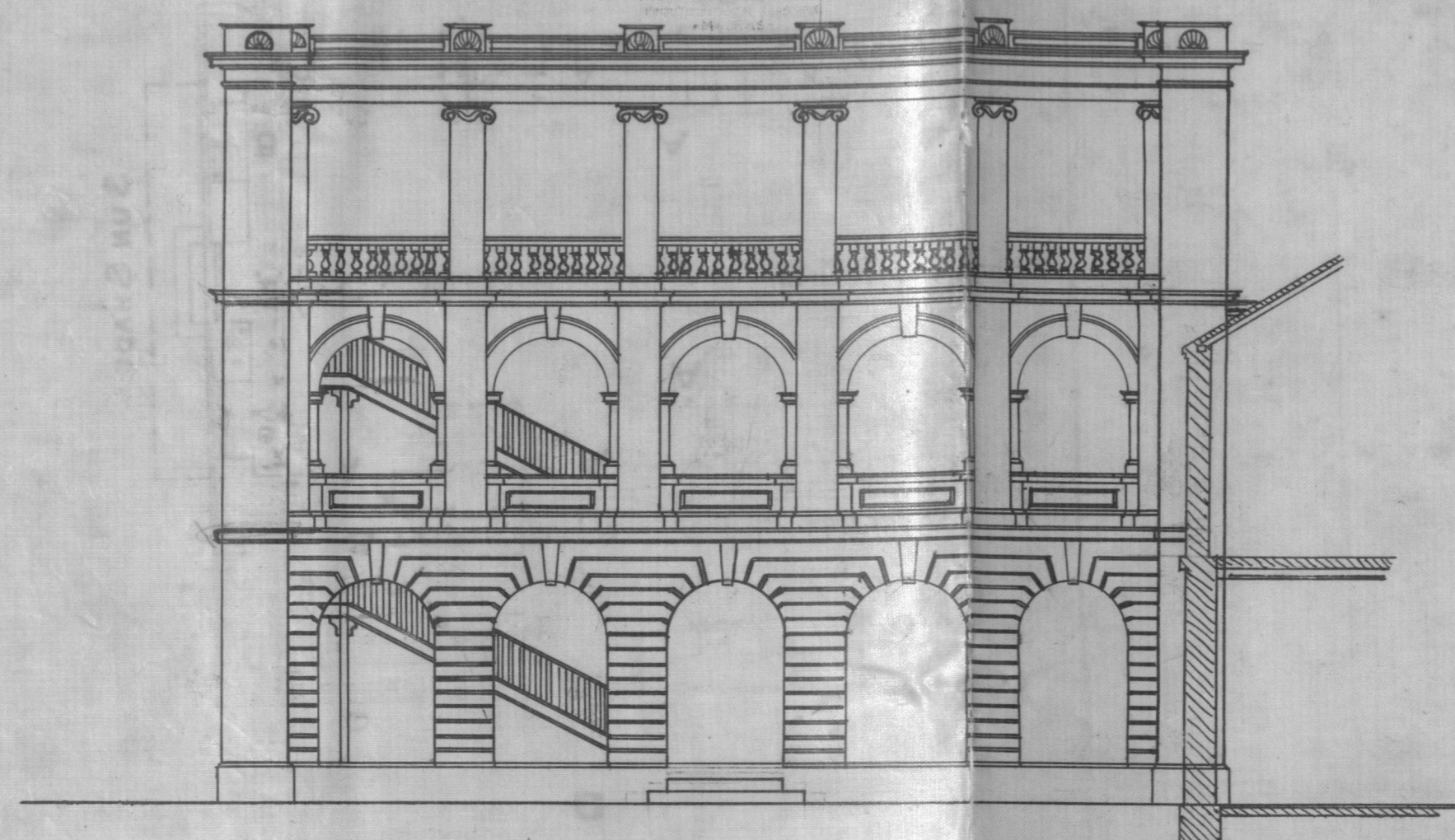
4 Nagarathna Kunz
~~2 Pattabhi Rao aje~~
CORRESPONDENT.
28-4-1913

PROPOSED ADDITIONS & IMPROVEMENTS

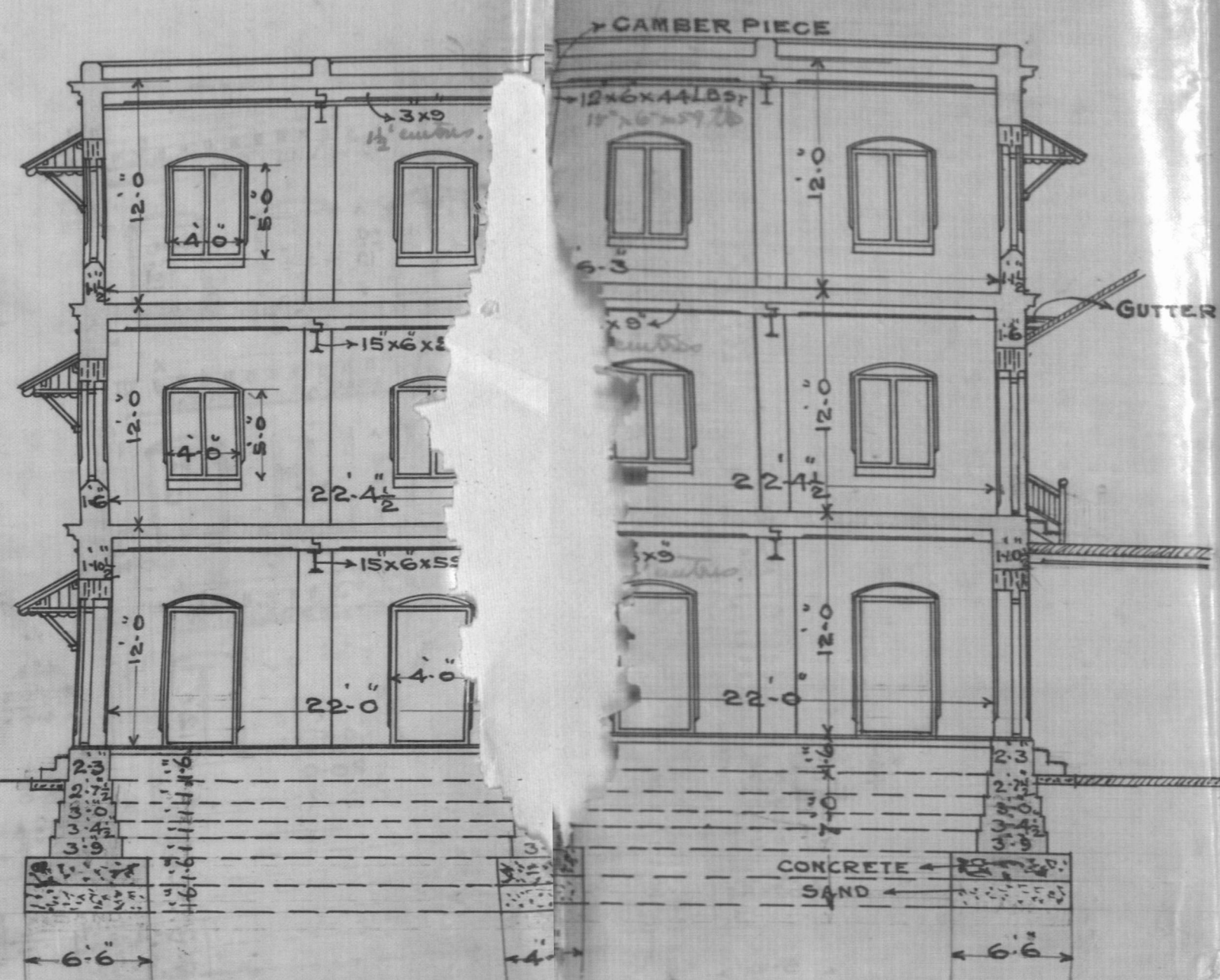
HINDU THEOLOGICAL HIGH SCHOOL

SCALE 1"=8'

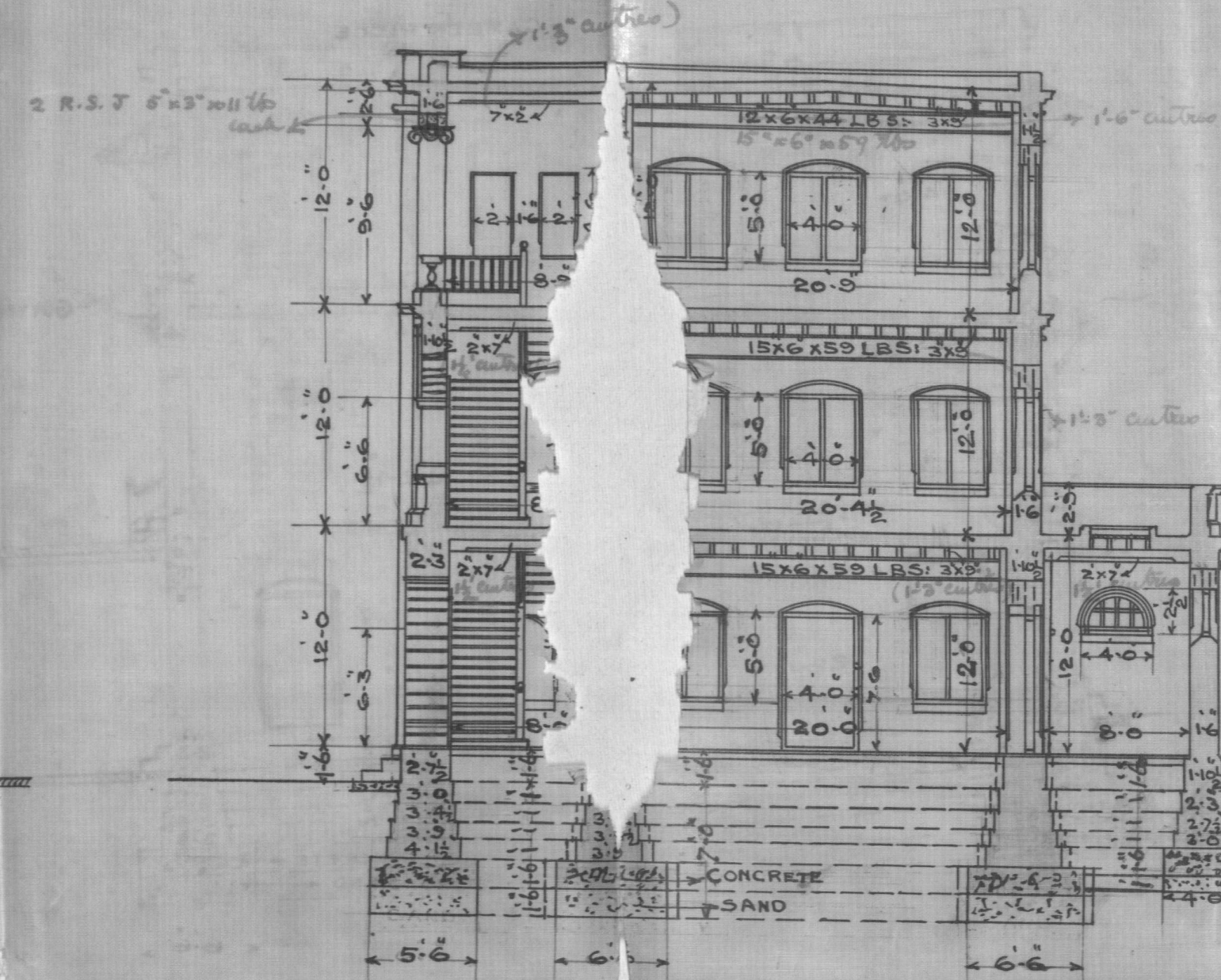
B.P.D. No. 42B



ELEVATION



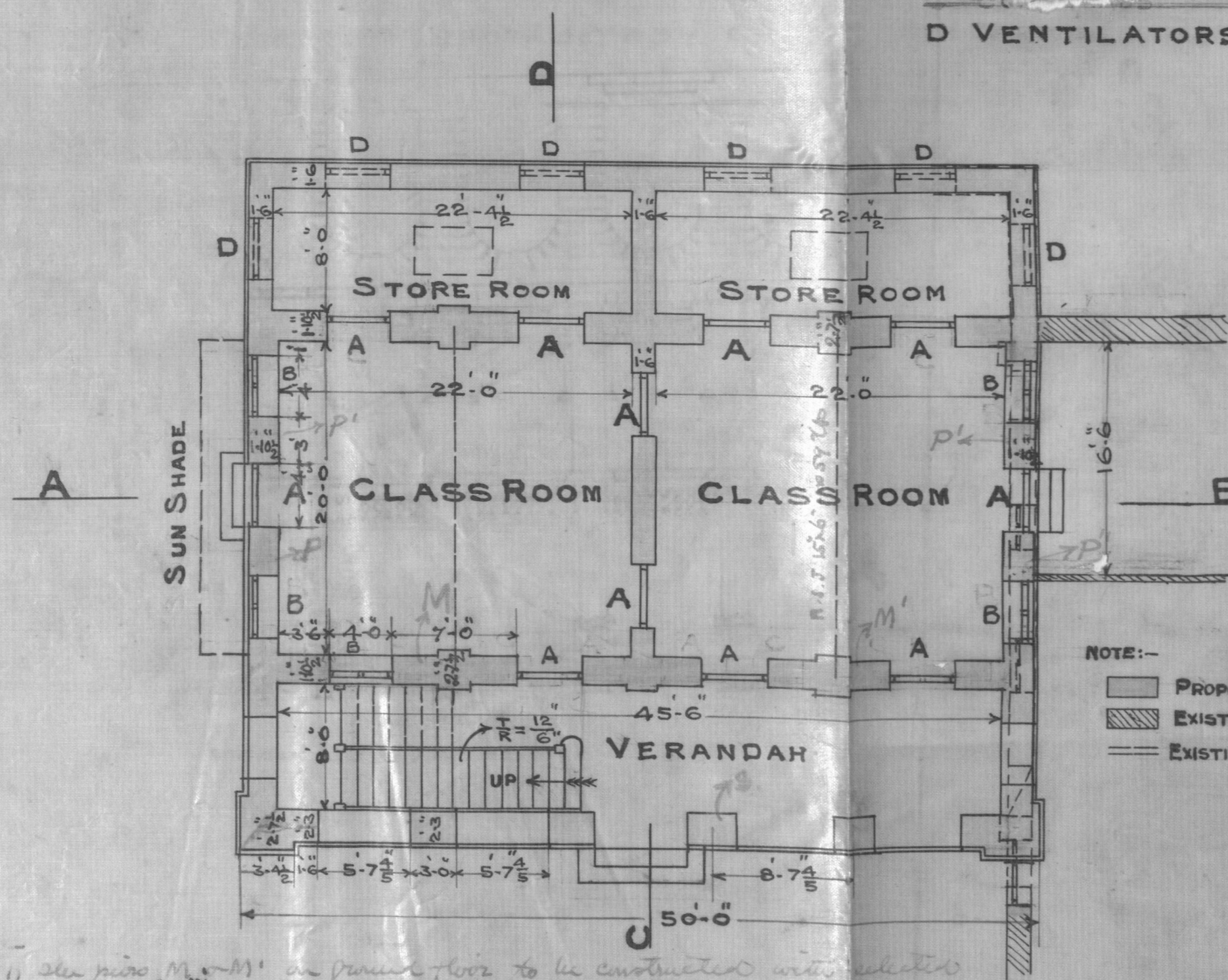
SECTION ON A-B



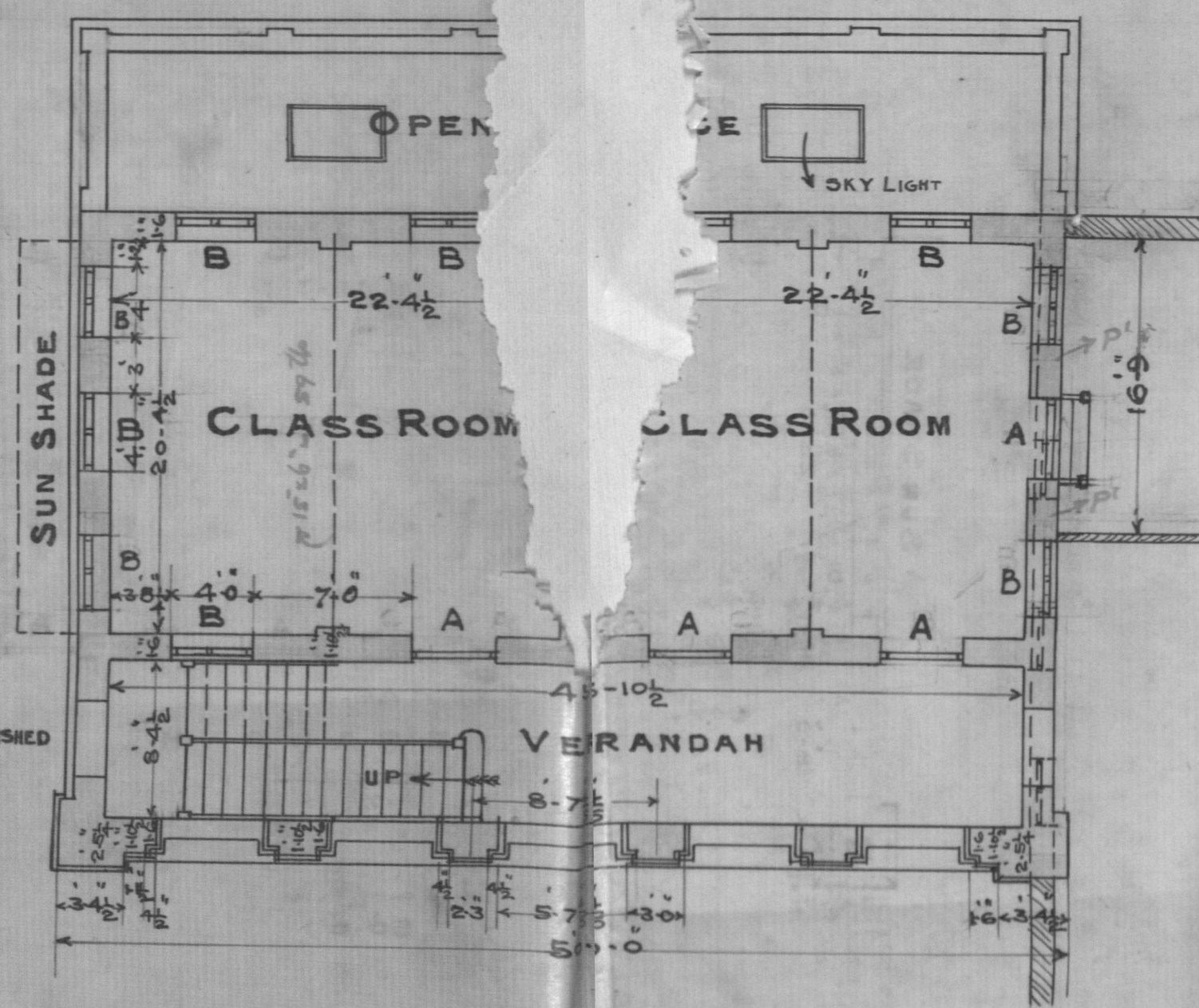
SECTION ON C-D

REFERENCE	
A DOORS	PANELLED
B WINDOWS	PANELLED WITH IRON BARS
D VENTILATORS	GLAZED

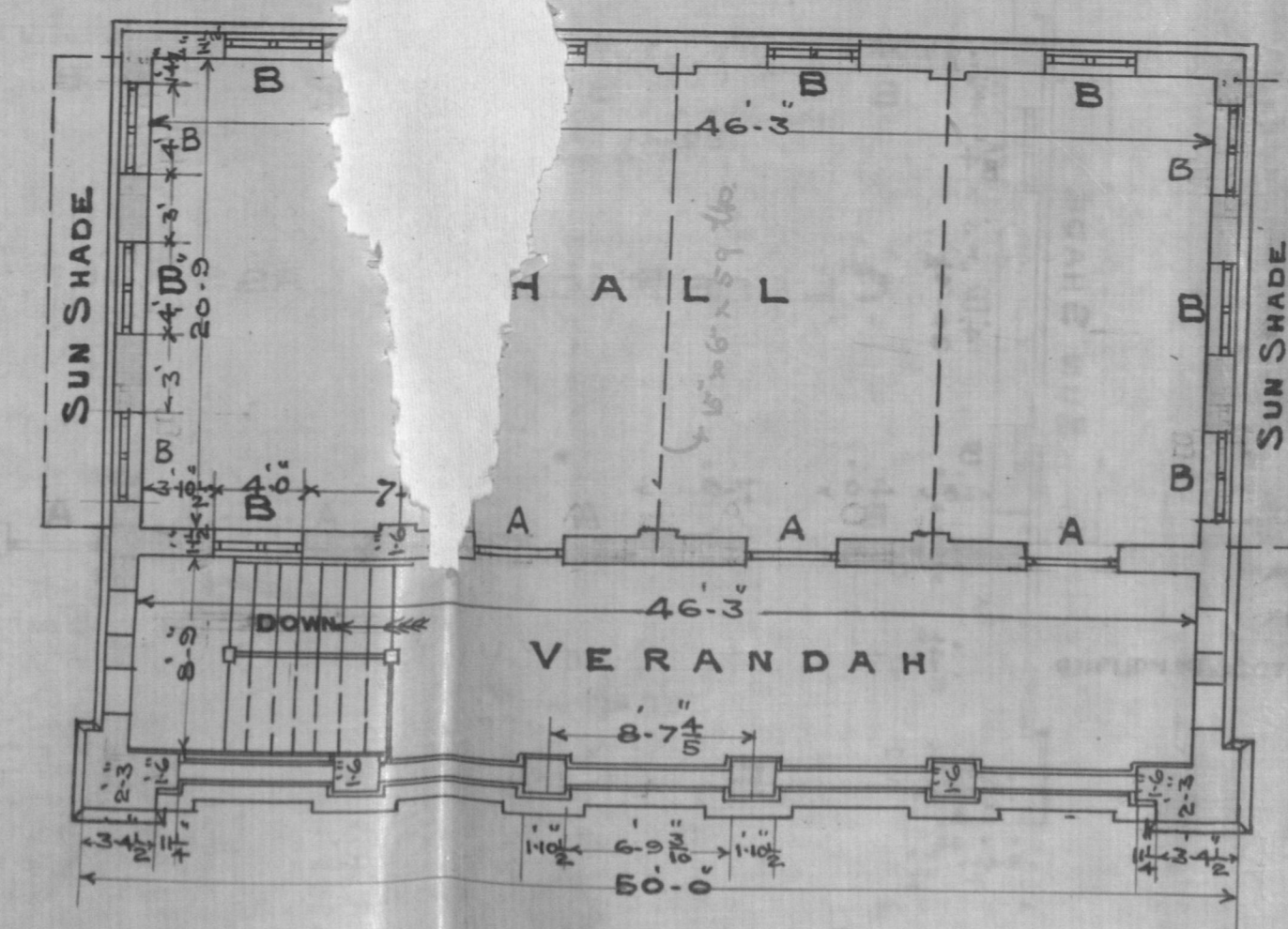
4'-0" x 7'-6"
4'-0" x 5'-0"
4'-0" x 2'-6"



PLAN OF GROUND FLOOR



PLAN OF FIRST FLOOR



PLAN OF SECOND FLOOR

NOTE:-
(1) See plan No. 42B on ground floor to be constructed with concrete.
(2) See plan No. 42B on ground floor to be constructed with brick in cement.

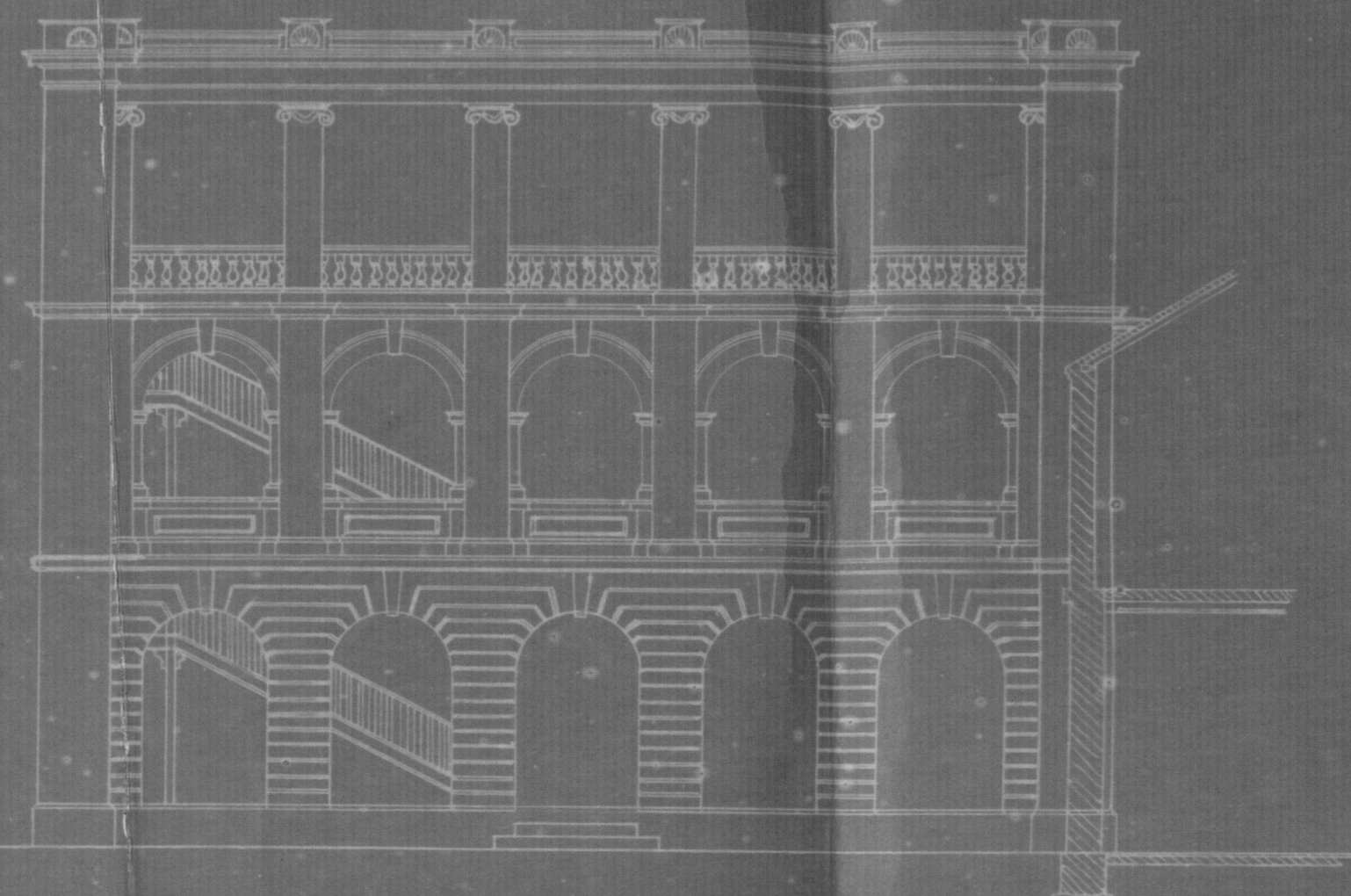
P. Shashinidhar
Architect, Engineer
& Surveyor.

M. S. S.
DIRECTOR OF PUBLIC INSTRUCTION
2-12-1914.

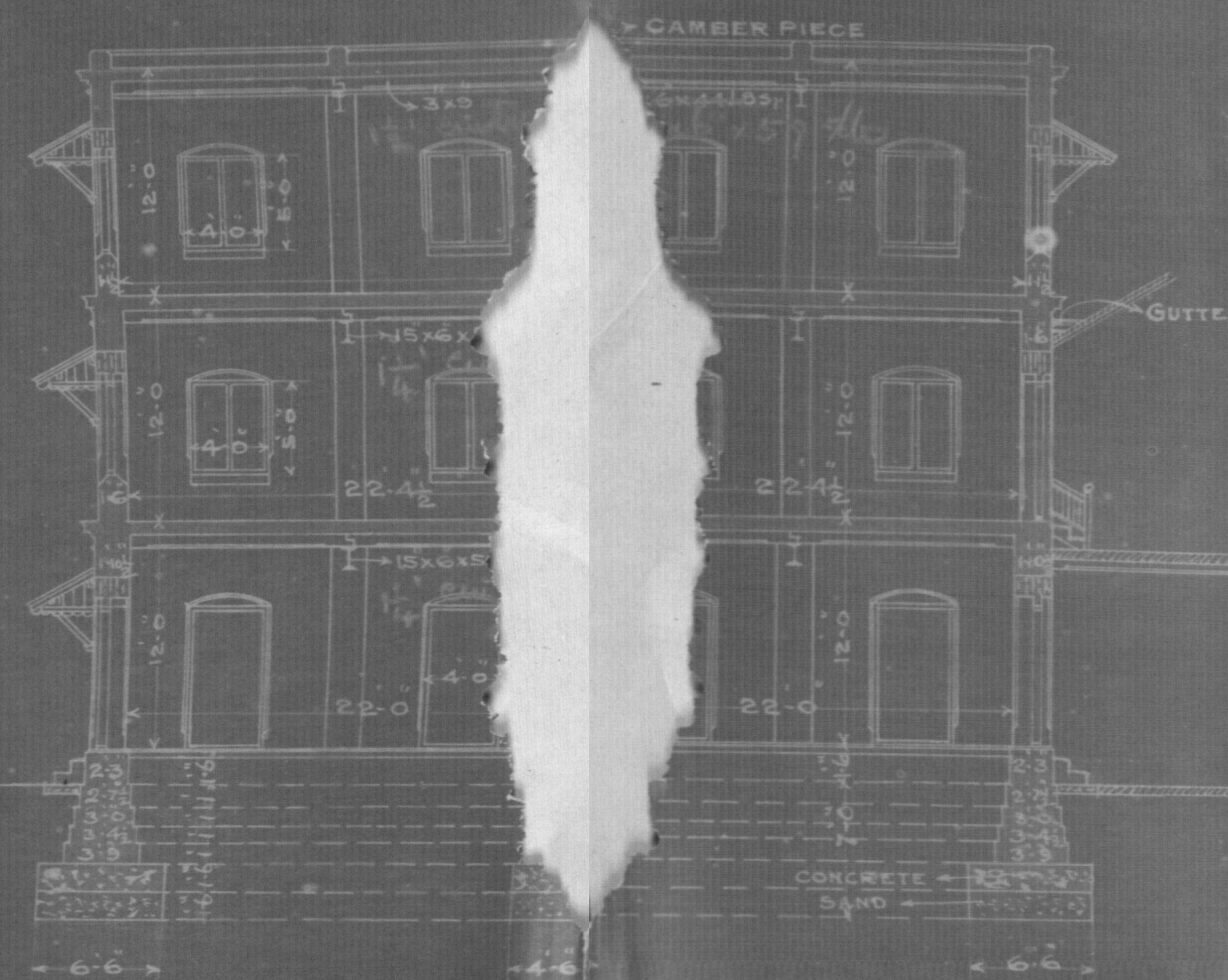
L. Nagarathna
CORRESPONDENT

PROPOSED ADDITIONS & IMPROVEMENTS
HINDU THEOLOGICAL HIGH SCHOOL
SCALE 1=8

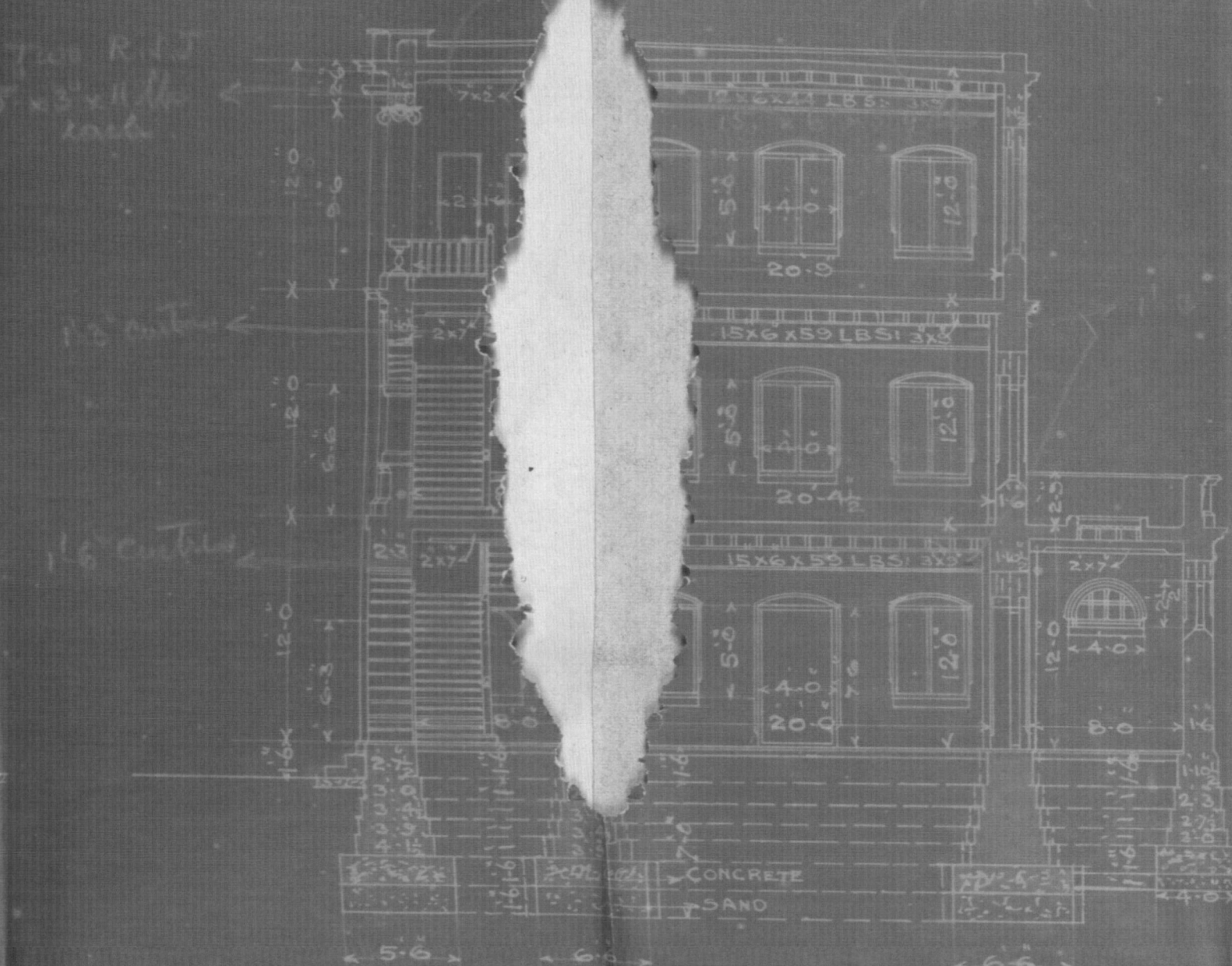
S.P. 9. 42 B



ELEVATION

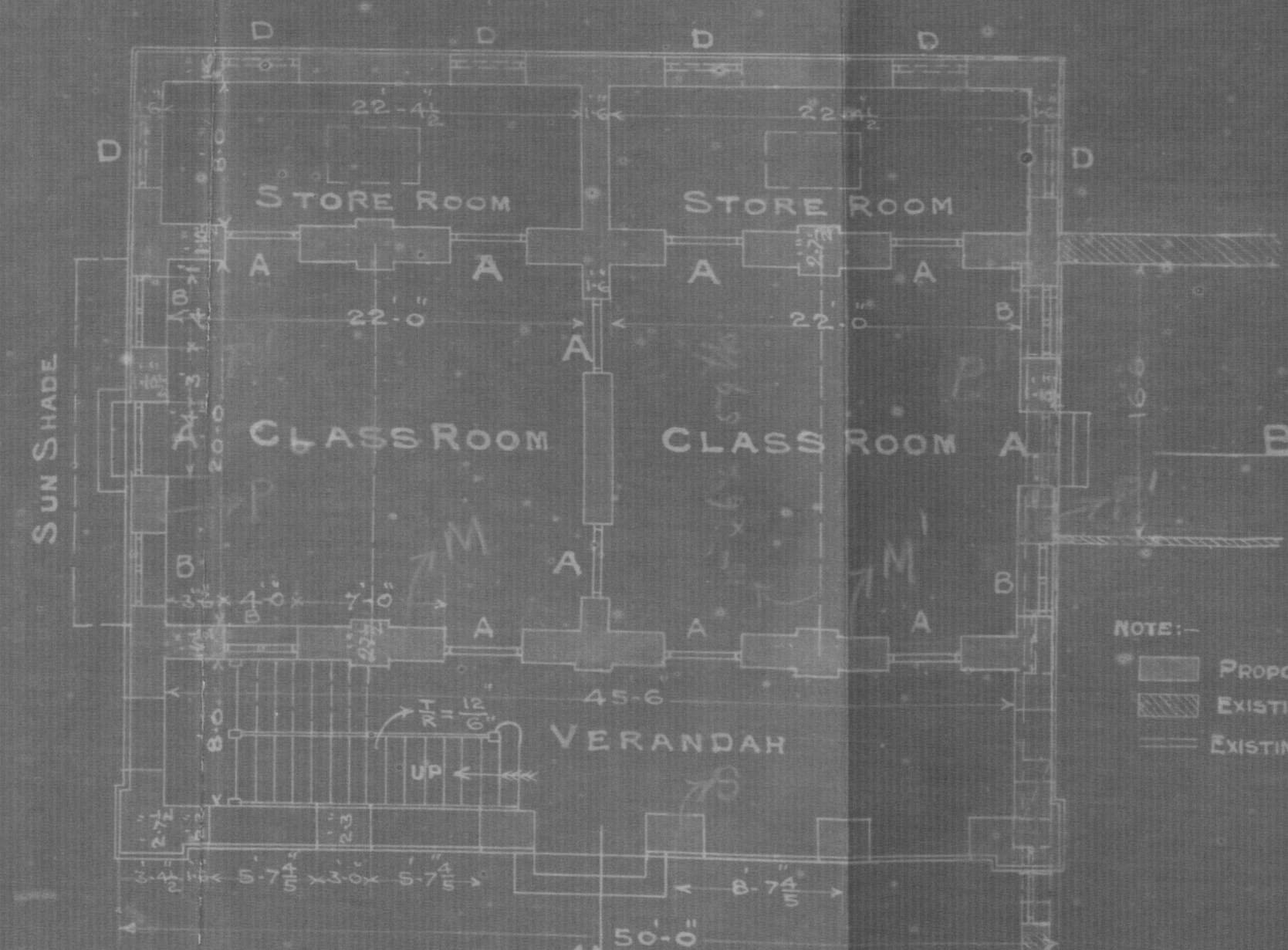


SECTION ON A-B

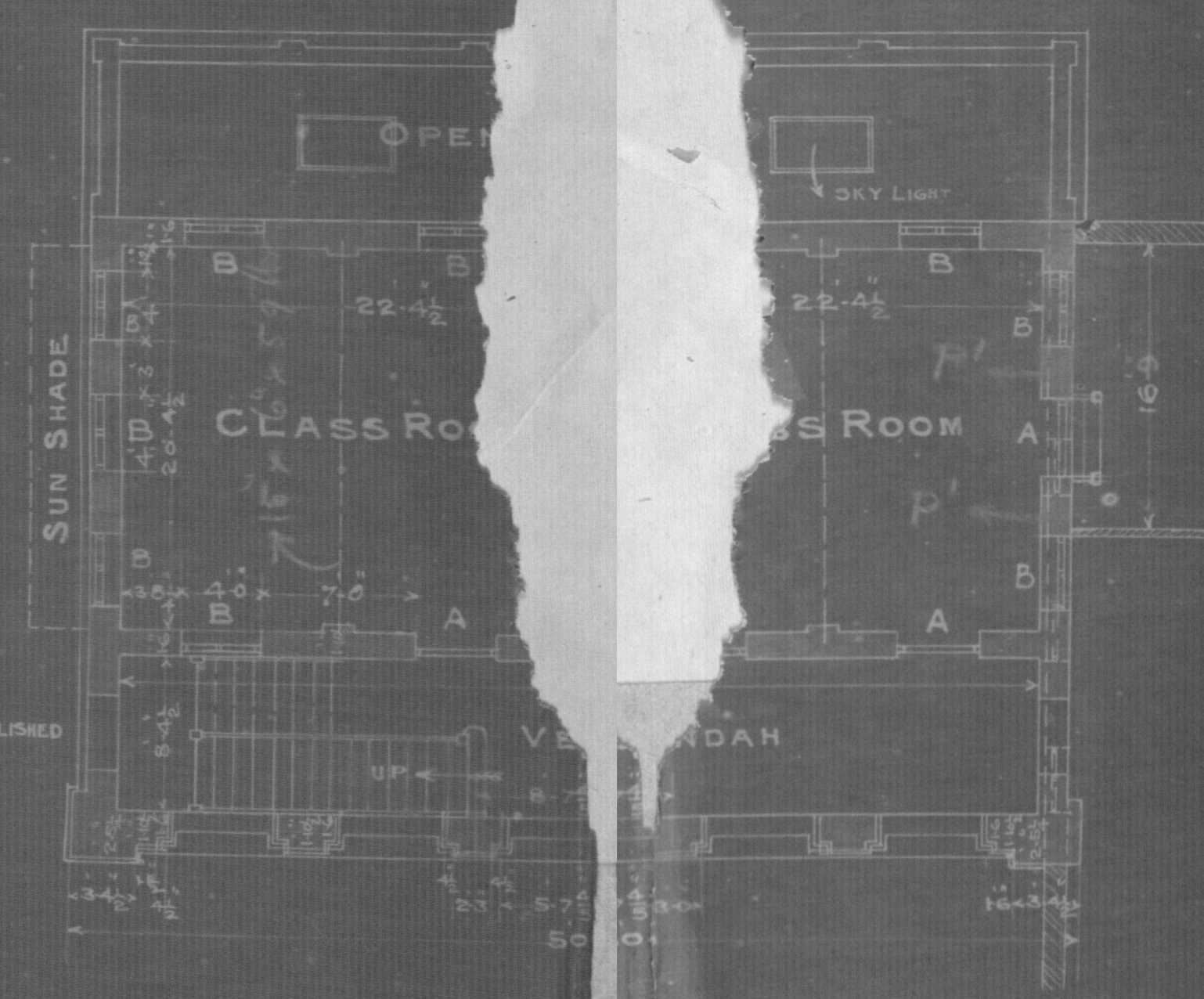


SECTION ON C-D

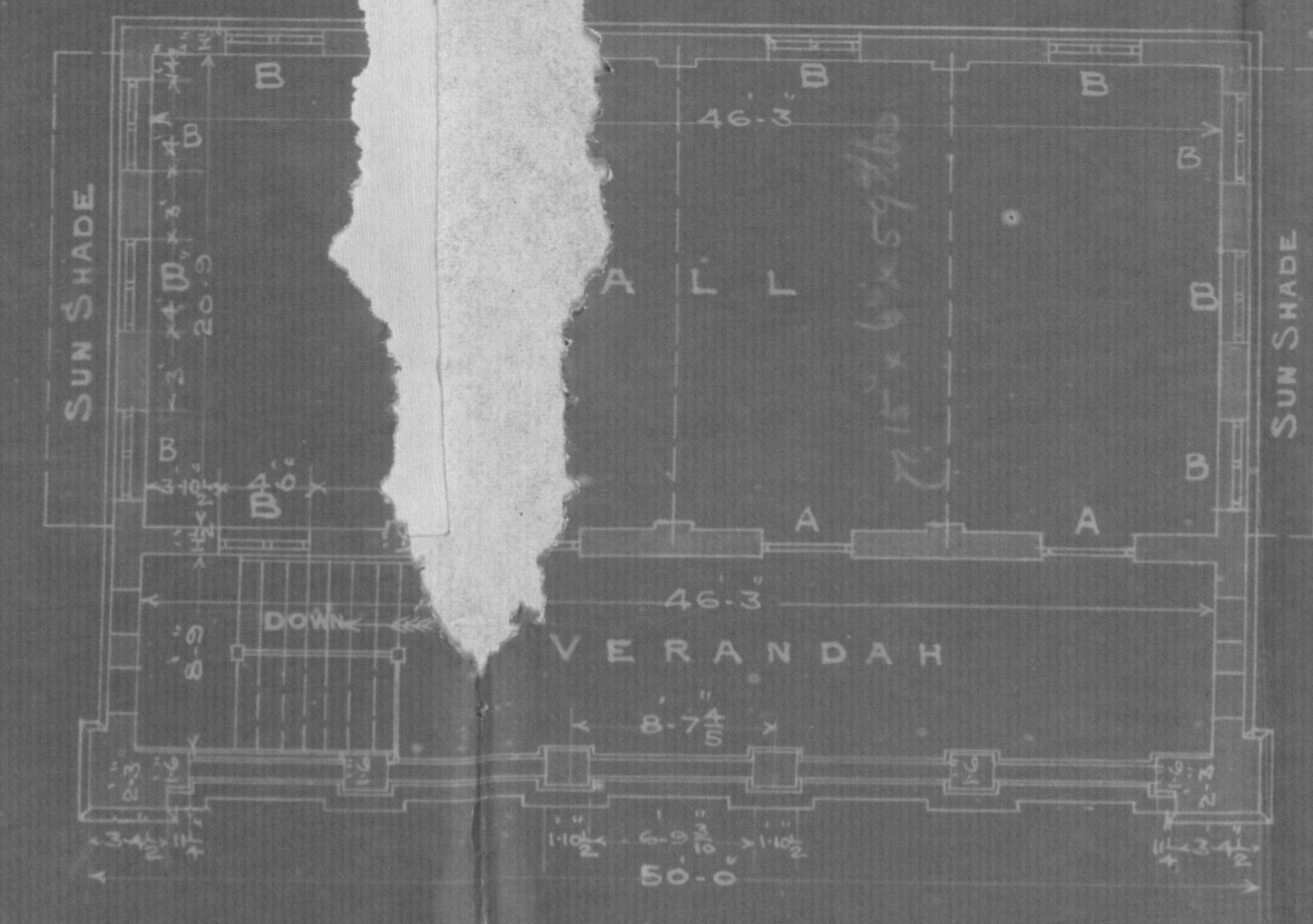
- REFERENCE**
- A DOORS PANELLED 4-0x7-6
 - B WINDOWS BATTENED WITH IRON BARS 4-0x5-0
 - D VENTILATORS GLAZED 4-0x2-6



PLAN OF GROUND FLOOR



PLAN OF FIRST FLOOR



PLAN OF SECOND FLOOR

NOTE:-

- PROPOSED WORK
- EXISTING WORK
- EXISTING WORK TO BE DEMOLISHED

P. Shakti Mohan
 Architect, Engineer,
 & Surveyor

DIRECTOR OF PUBLIC INSTRUCTION
 2-12-1914

A. Nagarajana
 26-10-14
 CORRESPONDENT

Note:-

- The plan marked M is to be constructed with solid brickwork.
- The new plan marked P & P on ground & 1st floor to be constructed with brick in cement.