Sectt. II-48—19,083—11-2-21.

1917.

Home (~~192~~) Department.

Miscellaneous

Press SERIES.

G.O. No. 1166

DATED 14. 11. 1917.

[Despatch Abstract.]

Building grant to the Madras Society for the Protection of Children.-

Sanctioning a grant of Rs. 15,170 towards the cost of the erection of a permanent home for the Madras Society for the Protection of Children.

BACK PAPERS.

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

FURTHER PAPERS.

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

Home (Miscellaneous) Department.

BUILDING GRANT to the Madras Society for the Protection of Children.

Sanctioning a grant of Rs. ~~14,000~~ 15170. towards the cost of the erection of a permanent home for the Madras Society for the Protection of Children.

Read:-

I
From the Honorary Secretary, the Madras Society for the Protection of Children, dated 28- 4- 17.

II
Memo to do. do. No.1324-1, dated 23rd May 1917.

IV
Note by the Chief Engineer, P.W.D., No.283, dated 3rd July 1917.

III
From the Honorary Secretary, the Madras Society for the Protection of Children, dated 30th June 1917.

V
Note by the Chief Engineer, P.W.D. No.521, dated 11th September 1917.

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ORDER:- No. 1166 dated 14 November 1917.

Press.

The Honorary Secretary for the Madras Society for the Protection of Children submits with his letter dated the 30th June (annexure BR, 49.200) revised plans and estimates for the erection of a permanent home for the Madras Society for the Protection of Children on the site acquired by the society in the Tiruvottiyur High Road, Madras.

The Government approve of them subject to (1) the remarks of the Chief Engineer in his Note No.521, dated the 11th September

for the present
(2) to the omission/of the compound wall for the buildings and the provision of Rs.1,730 in the estimates for unforeseen works, ~~and~~

~~(3) the construction of the Girls' Home at a cost not exceeding Rs.3,980.~~

2. Towards the estimated cost of Rs. 37,170 of the buildings as approved above, the Society have on hand Rs.22,000. The Government are pleased, as a special case, to sanction a grant of Rs. 15,170 towards the cost of construction of the buildings.

To the Honorary Secretary,
Madras Society for the
Protection of Children,

the P.W.D.

the Financial Department.

3. No Govt are of opinion that it is enough to provide a compound wall 3'-6" high. & await the receipt of revised estimates for the wall

Estimate. - F.

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DISPENSARY AND HOSPITAL.

Estimate.-- Detail Measurements.

Detail of work.	No.	Measurements in feet. L	B	D	Area or contents.	Total quantity of each description of work
1	2	3	4	5	6	7
EARTHWORK EXCAVATION.						
Wall all round of the main building. ...	1	95-0	4-0	3-0	1140	
Cross wall.	1	22-6	4-0	3-0	270	
Wall all round of the main building in rear.	1	82-0	4-0	3-0	984	
Cross wall of the main building in rear. ...	1	10-6	4-0	3-0	126	
Verandah pillars. ...	32	3-3	3-3	3-0	1014	
-do-	4	4-0	3-3	3-0	156	
Verandah retaining wall between pillars. ...	1	168-0	2-0	2-0	672	
Passage retaining wall sides.	4	12-0	2-0	2-0	192	
Latrine room.... ...	2	36-6	3-3	3-0	712	
Step in front and rear...	2	11-0	3-6	0-6	39	
Total earthwork excavation in cubic feet						5345
CONCRETE BROKEN JELLY IN MORTAR.						
Wall all round of the main building. ...	1	95-0	4-0	1-0	380	
Cross wall.	1	22-6	4-0	1-0	90	
Wall all round of the main building in rear.	1	82-0	4-0	1-0	328	
Cross wall -do-	1	10-6	4-0	1-0	42	
Verandah pillars. ...	32	3-3	3-3	1-0	329	
- do - ...	4	4-0	3-3	1-0	52	
Verandah retaining wall between pillars. ...	1	206-0	2-0	0-6	206	
Passage retaining wall...	4	12-0	2-0	0-6	48	
Latrine rooms. ...	2	36-6	3-3	1-0	237	
Step in front and rear...	2	11-0	3-6	0-6	39	
Total concrete in broken jelly in mortar in C.Ft.						1751

Detail of work.	No.	Measurements in feet. L	B	D	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
BRICKWORK IN CHUNAM FOUNDATION AND BASEMENT.						
Wall all round the main building. ...	1	95-0	2- ¾	4-0	784	
Cross wall -do-	1	22-11¼	2- ¾	4-0	189	
Wall all round of the main building in rear.	1	82-0	2- ¾	4-0	677	
Cross wall -do- -do-	1	10-11¼	2- ¾	4-0	90	
Verandah pillars. ...	32	1-10½	1-10½	4-0	450	
- do -	2	2- 7½	2- 7½	4-0	55	
Verandah retaining wall between pillars. ...	1	219-9	1- 6	1-6	182	
- do - - do -	1	219-9	1-1½	2-0	494	
Passage retaining wall sides.	4	12-0	1-6	1-6	108	
- do - - do -	4	12-0	1-1½	2-0	108	
Latrine room wall all round.	2	36-6	1-10½	4-0	548	
Steps in front and rear.	2	11-0	3-0	1-0	66	
BRICKWORK IN CHUNAM SUPERSTRUCTURE.						
Wall all round of the main building. ...	1	95-0	1-6	12-0	1710	
Cross wall of the main building. ...	1	25-0	1-6	12-0	450	
Wall all round of the main building in rear.	1	82-0	1-6	12-0	1476	
Cross wall - do -	1	13-0	1-6	12-0	234	
Verandah pillars. ...	32	1-1½	1-1½	11-6	466	
- do -	4	2-3	1-1½	11-6	116	
Parapet wall. ...	1	285	1-1½	2-6	801	
Latrine room. ...	2	36-6	1-1½	8-0	657	
Binding wall. ...	1	215	1-1½	1-0	329	
				Total. ...	9890	

Detail of work.	No.	Measurements in feet. L	B	D	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
			Brought forward		9890	
Deduct for:						
Doors.	6	3-6	1-6	6-6	205	
Windows.	10	3-0	1-6	5-0	225	
Doors in latrine. ...	2	3-0	1-1½	6-0	41	
FLAT ARCHWORK.						
Over doors.	6	4-6	1-6	1-1½	46	
Over windows... ...	10	3-9	1-6	1-1½	63	
Over doors.	2	3-9	1-1½	1-1½	10	
			Total deductions. ...		590	
		Total brick work in chunam less deductions in C.Ft.				9300
PLASTERING WITH TWO COATS OF CHUNAM.						
Wall all round (Interior)	1	70-0	..	12-0	840	
- do - - do -	1	66-0	..	12-0	792	
- do - (Interior rear)	2	49-6	..	12-0	1188	
- do - (Exterior)	1	101-0	..	12-0	1212	
Wall all round of the rear building. ...	1	88-0	..	12-0	1056	
Pillars.	32	4-6	..	11-9	1692	
-do-	4	6-9	..	11-9	317	
Parapet wall... ...	1	285-0	..	6-6	1803	
Binding wall... ...	1	215-0	..	3-1½	697	
Latrine room (Interior.)	2	32-0	..	8-6	544	
-do- (Exterior)	2	41-0	..	8-6	697	
Basement all round. ...	1	391-0	..	2-0	782	
Sides of steps. ...	2x2	6-0	..	1-0	24	
Ceiling in hall. ...	1	25-0	10-0	..	250	
-do- ...	1	25-0	8-0	..	200	
Ceiling in hall in rear...	2	11-9	13-0	..	305	
Verandah sides. ...	2	34-6	6-0	..	414	
Verandah sides in front and rear. ...	2x2	40-0	6-0	..	960	
			Carried over			12733

Detail of work.	No.	Measurements in feet. L	B	D	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
			Brought forward		12733	
Verandah side in rear....	2	28-0	6-0	..	336	
Verandah between front and rear passage. ...	1	8-3	10-0	..	83	
			Total.	...	13192	
Deduct for:						
Doors.	6	3½	..	6½	137	
Doors at latrine. ...	2	3-0	..	6-0	36	
Windows.	10	3-0	..	5-0	150	
			Total deductions.		323	
Total plastering with two coats of chunam less deduction in square feet.						12869
TERRACING WITH 3" BRICK JELLY, 3 COURSE OF FLAT TILES & PLASTERING WITH 2 COATS ON TOP.						
Rooms and verandah in front.	1	40-0	34-6	..	1380	
Rooms and verandah in rear.	1	28-0	40-0	..	1120	
Corridor.	1	10-0	8-3	..	83	
Total terracing with 3" brick jelly etc. in S.Ft.						2583
FLOORING WITH SQUARE BRICKS.						
Rooms in front. ...	1	25	10-0	..	250	
- do - ...	1	25	8-0	..	120	
- do - (rear) ...	2	11-9	13-0	..	305	
Verandah.	2	34-6	6-0	..	414	
Verandah in front & rear.	4	40-0	6-0	..	960	
Corridor.	1	10-0	8-3	..	83	
Passage.	1	12-0	8-0	..	96	
Latrine.	2	8-0	8-0	..	128	
Steps in front and rear.	2	11-0	3-0	..	66	
Total flooring with square bricks in Sq. Ft.						2422
TEAK WOOD WROUGHT AND PUT UP.						
Bressummers in front verandah.... ...	4	40-0	0-10	0-6	67	

Detail of work.		No.	Measurements in feet. L	B	D	Area or contents.	Total quantity of each description of work.
1		2	3	4	5	6	7
			Brought forward			67	
Side verandahs.	...	2	34-6	0-10	0-6	29	
- do -	...	2	28-0	0-10	0-6	23	
Corridors. ...	...	2	10-0	0- 9	0-6	8	
Joists. ...	...	~~81~~ 16	12-0	~~0- 6~~ 0-2½"	0-3 ~~0-8"~~	~~32~~ 27	2½"x8"
" ...	...	~~81~~ 16	10-0	~~0- 5~~ 0-2"	~~0-3~~ 0-7"	~~88~~ 16	2"x7"
Joists in rear room.	...	~~82~~ 2x8	~~13-9~~ 13-0"	~~0- 7~~ 0-3"	~~0-3~~ 0-9"	~~44~~ 39	3"x9"
Joists in verandah.	...	~~234~~ 154 6	~~8-0~~ 6-0" 8-0"	~~0- 5~~ 0-2"	~~0-3~~ 0-5" 0-5½"	~~195~~ 44 4	2"x5" 2"x5½"
			Total teak wood wrought and put up in C. Ft.			277	420

Flat archwork as per detail above in cubic feet.

PAINTING WITH 2 COATS OF ANY APPROVED COLOR.

Bressummer in verandah all round....	...	1	285-0	..	2 1/6	913
- do - corridor.	...	2	10-0	..	2-0	40
Joists. ...	...	21	10-0	..	1-3	263
" ...	...	21	8-0	..	1-1	182
" ...	...	22	11-9	..	1-5	394
Verandah joists.	...	234	6-0	..	1-1	1521
			Total painting with 2 coats of any color in Sq.Ft.			3113

CORNICE WORK 12" x 9".

All round the verandah.		1	290-0	..	..	290
			Total cornice work in L. Ft. ...		...	290

DOORS.

Pannelled. ...	...	6	3½	..	6½	137
-do- ...	...	2	3-0	..	6-0	36
			Total pannelled door in quare feet.		...	173

WINDOWS PANNELLED WITH IRON BARS.

Windows. ...	...	10	3-0	..	5-0	150
			Total pannelled windows in square feet		...	150

DISPENSARY AND HOSPITAL.

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Abstract of Estimate.

Quantity.	Description of work.	Rate.	Per	Amount Rs.	A.	P.
5[illegible]5 C.Ft.	Earth work in excavation.	0 14 0	100 C.Ft.	46	12	0
1751 "	Concrete broken brick in	~~26~~ 20-6-0 0 0	"	355	0	0
9300 "	Brick work in chunam. Foundation & Do - Superstructure	~~33~~ 27-0-0 0 0 ~~28-8-0~~	"	2976	0	0
12869 S.Ft.	Plastering two coats with chunam. ...	~~4~~ 3-9-0 0 0	1 S.Ft.	512	11	0
119 "	Flat arch work. ...	~~32~~ 30-8-0 0 0	100 S.Ft.	38	1	3
2583 "	Terracing.	~~40~~ 43-11-0 0 0	100 "	1033	3	8
2432 "	Flooring.	20 0 0	100 "	484	8	4
~~420~~ C.Ft.	~~Teak wood~~ Jarrah wood wrought and put up.	~~6~~ 3-8-0 0 0	1 C.Ft.	1662 2520	0	0
3113 S.Ft.	Painting (~~wood ceiling~~) 2 coats ...	~~3~~ 1-8-0 8 0	1 S.Ft.	108	12	0
290 P.Ft.	Cornice work. ...	0 12 0	1 P.Ft.	217	8	0
173 S.Ft.	Door pannelled. Teak ...	2 0 0	1 S.Ft.	346	0	0
150 S.Ft.	Window pannelled. ...	1 12 0	1 S.Ft.	262	8	0
				8900	15	5
	Supervision and Unforeseen sundries etc.			449	0	7
	Grand Total of Estimate. ...			9350	0	0

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J. Wijayaraghavalu
Hony. Secretary,
The Madras Society for the
Protection of Children.
Madras.
15.2.1916

Executive Engineer
Madras
14-2-16

ESTIMATE F.

CONSTRUCTION OF DISPENSARY AND HOSPITAL.

Estimate Rs. ~~2,000~~ 9,350.

Name of work: CONSTRUCTING A LAUNDRY. Estimate.- H.

Detail of work.	No.	Measurements in feet. L	B	D	Area or contents.	Total quantity.
EARTHWORK EXCAVATION.						
Wall all round of the Store room. ...	1	46-6	3-0	3-0	419	
Pillars.	4	3-0	3-0	3-0	108	
Front wall of washing room.	1	13-3	3-0	3-0	119	
Retaining wall between pillars.	2	12-1½	2-3	1-6	82	
Compound wall. ...	1	137-9	2-6	2-0	139	
Side wall.	2	8-5½	2-6	2-0	85	
Step.	1	6-0	3-0	0-6	9	
Total earthwork excavation in Cubic Ft.					961	or 1000
CONCRETE BROKEN JELLY IN MORTAR.						
Wall all round of the Store room. ...	1	46-6	3-0	1-0	140	
Pillars.	4	3-0	3-0	1-0	36	
Front wall of washing room.	1	13-3	3-0	1-0	40	
Retaining wall between pillars.	2	14-4½	2-3	0-6	32	
Compound wall. ...	1	137-9	2-6	0-6	172	
Side walls.	2	8-8¾	2-6	0-6	22	
Step.	1	6-0	3-0	0-6	9	
Total concrete broken jelly in mortar in C.Ft.					451	or 450
BRICKWORK IN CHUNAM, in FOUNDATION.						
Wall all round of the Store room. ...	1	46-6	2-¾	2-0	19	
Pillars.	4	2-¾	2-¾	2-0	34	
Front wall of the washing room.	1	13-3	2-¾	2-0	55	
Retaining wall between room and pillars. ...	2	15-6	1-6	1-0	47	
Compound wall. ...	1	137-9	1-10½	1-6	387	
Side walls. ...	2	9-3	1-10½	1-6	52	

Detail of work.	No.	Measurements in feet. L	B	D	Area or contents.	Total quantity.
BASEMENT.						
Wall all round of the Store room. ...	1	46-6	1-6	2-0	140	
Pillars.	4	1-6	1-6	2-0	18	
Front wall of the washing room.	1	13-3	1-6	2-0	40	
Retaining wall between room and pillars. ...	1	16-7½	1-1½	2-0	38	
Compound wall. ...	1	137-9	1-6	1-6	310	
Side wall in washing room.	2	9-7½	1-6	1-6	41	
Step.	1	6-0	3-0	1-0	18	
Sides of door. ...	2	26-0	1-1½	1-0	58	
Sides of window. ...	2	4-0	1-1½	1-0	9	
Below roof to an height of 1'	1	46-6	1-1½	1-0	58	
Front wall of washing room.	1	13-3	1-1½	1-0	14	
Pillars to an height of 1' at two places 6" high.	4	1-1½	1-1½	1-0	5	
Total brickwork in chunam in cubic Ft.					743	or 750
BRICKWORK IN CLAY.						
Wall all round of the Store room. ...	1	46-6	1-1½	9-0	430	
Pillar.	4	1-1½	1-1½	8-6	48	
Front wall of the washing room.	1	13-3	1-1½	9-0	134	
Compound wall. ...	1	137-9	1-1½	8-0	1104	
Side wall in washing room.	2	10-0	1-1½	8-0	168	
Gables.	3	13-3 x 4-5 / 2	x	1-1½	95	
				Total.	1963	
Deduct for:						
Doors including wall of brickwork in clay. ...	2	5-0	1-1½	6½	73	
Window.	1	5-0	1-1½	4	23	
				Carried over	98	

Detail of work.	No.	Measurements in feet. L	B	D	Area or contents.	Total quantity.
			Brought forward		96	
Flat archwork over door.	2	3-9	1-1½	1-1½	10	
- do - window.	1	3-9	1-1½	1-1½	5	
			Total deduction.		111	
Total brickwork in clay less deduction in C.Ft.					1852	or 1850
Flat archwork as per details above in C. Ft.						15
PLASTERING WITH 2 COATS OF CHUNAM.						
Wall all round of the Store room(Interior)...	1	42	..	10	420	
Pillars.	4	4-6	..	9-6	171	
Wall all round exterior.	1	51-0	..	10-0	510	
Front wall of the washing room.	1	13-3	..	10-0	133	
Gables.	6	$\frac{13\text{-}3 \times 4\text{-}5}{2}$			177	
Sides of steps. ...	2	3	..	1	6	
Rear wall of the washing room.	1	11-0	..	10-0	110	
Side walls of the washing room.	2×2	10-0	..	9-0	360	
Compound wall (Interior)	1	133-3	..	9-6	1266	
-do- (Exterior)	1	140-0	..	9-6	1330	
Basement in front and sides.	1	69-9	..	2-0	140	
Basement in rear. ...	1	42-3	..	1-6	63	
				Total.	4686	
Deduct for:						
Door.	2	3	..	6½	39	
Window.	1	3	..	4	12	
			Total deduction.	...	51	
Total plastering with 2 coats of chunam less deduction in Sq. Ft.				...	4635	or 4650
FLOORING.						
Store room.	1	10-0	11-0	..	110	
Hall.	1	20-0	13¼	..	265	
Space for washing. ...	1	10-0	11-0	..	110	
			Carried over		485	

Detail of work.	No.	Measurements in feet. L	B	D	Area or contents.	Total quantity.
			Brought forward		485	
Court yard.	1	40-0	42-3	..	1690	
Top of step.... ...	1	6-0	3-0	..	18	
Total flooring with square bricks in Sq. Ft.					2193 or	2200
ROOFING WITH FLAT AND PAN TILES, RAFTER ETC.						
Front and rear. ...	2	33-6	9-0	..	603	
Total roofing with flat and pan tiles etc., complete in Sq. Ft.						600
TEAK WOOD WROUGHT AND PUT UP.						
Bressummer.	2	22	0-6	0-4	7 1/3	
Total teak wood wrought and put up in c.ft.						7 1/3
DOORS.						
Pannelled.	2	3	..	6½	39	
Total pannelled door in Sq.Ft.						39
WINDOW.						
Pannelled.	1	3	..	4	12	
Total pannelled window in Sq. Ft.						12
PAINTING.						
Bressummer.	2	20	..	1-4	53	
Total painting in Sq. Ft.					53 or	60
CUDDAPAH SLAB 3".						
Over pillars. ...	4	1-1½	1-1½	..	5	
Total 3" Cuddapah Slab in Sq. Ft.						5
EAVE BOARD.						
Front and rear. ...	2	33½	-	..	0-9	50
Total Eave board in Sq. Ft.						50

ABSTRACT ESTIMATE FOR CONSTRUCTING A LAUNDRY.

Quantity.	Description of work.	Rate.	Per	Amount Rs.	A.	P.
1000 C.Ft.	Earthwork excavation. ...	0 14 0	100 C.Ft.	8	12	0
450 "	Concrete broken bricks in lime mortar. ...	20 0 0	100 "	117	0	0
750 "	Brickwork in chunam. ...	32 0 0	100 "	240	0	0
1850 "	Brickwork in clay. ...	22 0 0	100 "	407	0	0
15 "	Archwork in chunam. ...	32 0 0	100 "	4	12	9
4650 S.Ft.	Plastering of 2 coats of chunam. ...	4 0 0	1 Sqr.	186	0	0
2200 "	Flooring (square bricks)	12 0 0	1 "	264	0	0
600 "	Roofing complete. ...	70 0 0	1 "	420	0	0
7 1/3 C.Ft.	Teak wood wrought and put up. ...	6 0 0	1 C.Ft.	44	0	0
39 S.Ft.	Doors pannelled. ...	2 0 0	1 S.Ft.	78	0	0
12 "	Windows pannelled. ...	1 12 0	1 "	21	0	0
60 S.Ft.	Painting (wood oiling) ...	3 8 0	1 Sqr.	2	1	7
5 "	Cuddapah slab. ...	25 0 0		1	4	0
50 "	Eave Board.	0 12 0		37	8	0
				1,831	6	4
	Supervision and Unforeseen sundries etc., ...			118	9	8
	Grand Total of estimate.			1,950	0	0

M Vijayaraghavulu
Hony. Secretary,
Madras Society for the
Protection of children.
Madras.
15.2.1916

F. Ackerman AMICE
Executive Asst Engineer
Captain of the Works
14-2-16

URGENT.

G.O. No. 1166, 14th November 1917

Building grant to the Madras Society for the Protection of Children.

Sanctioning a grant of Rs. 15,170, towards the cost of the erection of a permanent home for the Madras Society for the Protection of Children.

READ—the following papers :—

Letter—from ~~the~~ M. VIJAYARAGHAVULU, ~~Esq.~~, B.A., M.B. & C.M., Honorary Secretary, Madras Society for the Protection of Children.

To—the Chief Secretary to Government.

Dated—the 28th April 1917.

With reference to the Memorandum of Government, Home Department (Miscellaneous), No. 1053-3, dated the 3rd October 1916, and in continuation of my letter dated the 15th February 1916, I have the honour to resubmit the plans and the estimates of the society's permanent home revised in the light of the suggestions made by the Chief Engineer, and to renew on behalf of the Madras Society for the Protection of Children the request for a building grant in aid of the contemplated home.

2. The plans and estimates as received from the Government with the suggested alterations marked therein, the Chief Engineer's note and the committee's memorandum of suggestions were sent to the late Mr. Thomas with a request to revise the plans as desired by the Government. The gentleman was good enough to almost finish the sketch of the plans and the preparation of the estimates before he died. Subsequently Mr. R. Jackson was kind enough to accept to finish the work so ably begun by Mr. Thomas. These plans have been finished by Mr. R. Jackson and the total estimate amounts to Rs. 34,650 while the total figure arrived at by the Chief Engineer was Rs. 34,750.

3. The managing committee have unanimously resolved to accept all the suggestions made by the Chief Engineer except the one in regard to the compound wall. The attention of the Government is respectfully drawn to the imperative need for a compound wall all round the plot. The wall is designed to be of ten feet height along the southern part, and of eight feet height round the rest of the plot. A ten feet wall is required at the southern part as the plot there adjoins rows of crowded Indian huts and houses maintained in by no means a sanitary condition. The southern wind when it prevails will be reaching the home after passing through these clusters of insanitary habitations. The home too is designed to face south so that the rays of the sun may sweep over the home from side to side in the day, and the southern breeze may permeate the building from front to back. Consequently it is highly desirable not only to screen off these insanitary habitations but also to erect a compound wall of at least ten feet height to conduct up to a safe height all foul emanations that are sure to rise from these habitations, besides erecting the buildings as remote as possible from these southern habitations. An eight feet wall is highly desirable all round the plot to avoid placing unnecessary temptations in the way of the children to escape from the home before they had stayed sufficiently long to have changed their habits and reconciled themselves to lead orderly lives. The managing committee as advised by Lieut.-Colonel Bryson, a Government nominee

on the committee, and Dr. M. Vijayaraghavulu, their honorary secretary, feel convinced that the extent and the height of the compound wall as designed and submitted are imperatively called for. In view of this necessity to provide for an extensive compound wall of sufficient height, the committee have resolved to abandon for the present the idea of erecting not only a dispensary and hospital and a laundry, as suggested by the Chief Engineer, but also the girls' home and the workshop.

Consequently the proposed home is to consist of—

(1) a boys' home to accommodate twenty-four boys;
(2) a kitchen and dining hall; and
(3) a superintendent's quarters, all well enclosed by a compound wall.

The committee beg to submit that the Government will be pleased to sanction the erection of the buildings and especially of the compound wall as now designed, as the total estimate has been kept at the line drawn by the Chief Engineer, i.e. Rs. 34,750.

It is nearly ten years since the donor bequeathed the money to erect the buildings, five years since the site was acquired, and two years since the Government was pleased to accord sanction to erect the building on the site. Now the committee are very desirous that His Excellency the Lord Pentland should lay the foundation stone before he leaves the Presidency, and are requesting him to be pleased to do so.

In these circumstances the undersigned on behalf of the society requests the Government to be pleased to grant the deficit sum required to put up the buildings, and to pass the necessary orders in time to have His Excellency to lay the foundation stone.

Memorandum No. 1324-2, Home (Miscellaneous), dated 23rd May 1917.

With reference to his letter, dated the 28th April 1917, the Honorary Secretary of the Madras Society for the Protection of Children is requested to state what arrangements the society proposes to make for the workshop, the construction of which they have resolved to abandon for the present.

R. Ramachandra Rao,
Secretary to Government.

To the Honorary Secretary of the Madras Society for the Protection of Children.

Letter—from M. Vijayaraghavulu, ~~Esq.~~, B.A., M.B. & C.M., Honorary Secretary, Madras Society for the Protection of Children.
To—the Chief Secretary to Government.
Dated—the 30th June 1917.

With reference to the Memorandum of Government, Home Department (Miscellaneous), No. 1324-2, dated the 23rd May 1917, I have the honour to state that the managing committee at their meeting held on the 30th May 1917 have resolved to submit to Government that the erection of the workshop and the girls' home has been omitted for the present to be taken up soon after the completion of the other buildings notwithstanding the great need felt for these two buildings, as the committee were not inclined to make any large demands at present on the Government under the following circumstances. The boundary wall was and is felt by the committee to be imperative. Its estimated cost together with the boys' home and the superintendent's quarters having come up to Rs. 34,820 *, which is practically equal to the total estimated cost fixed upon by the Chief Engineer to Government in his note, dated the 21st September 1916, the committee thought it best to omit the erection of the workshop and the girls' home in order to urge upon the Government the comparatively greater need for a compound wall while keeping to the figure fixed upon by the Chief Engineer. Since receiving the memorandum under reference the committee have resolved to submit the plans and estimates for the workshop and the girls' home with the site plan suitably altered.

* Rs. 34,650 in the application, dated 28th April, is a clerical error.

2. Accordingly I have the honour to submit herewith the plans and estimates for the workshop and the girls' Home and the corridor together with the amended site plan. On behalf of the committee I respectfully beg the Government in sanctioning a grant in aid of the society's home buildings to kindly take into consideration the following plans and estimates in lieu of those already submitted :—

—	As per application dated the 28th April 1917.	As per application, dated the 30th June 1917.	Final.
	Rs.	Rs.	Rs.
1. Boys' Home	13,200	..	13,200
2. Superintendent's quarters	2,350	..	2,350
3. Compound wall	10,300	..	10,300
4. Kitchen, dining hall and store ..	3,100 (omit)	2,800	2,800
5. Workshop	..	1,600	1,600
6. Girls' home	..	9,980	9,980
7. Corridor	600 (add)	680	1,280
8. Bath-room and latrine	1,100 (,,)	970	2,070
9. Flush-out water closets (4-3)	500 (,,)	375	875
10. Furniture and lighting arrangements ..	1,200 (,,)	..	..
Water-supply	500 (,,)	995	3,015
Roads and drains	320 (,,)	..	..
Add for unforeseen works	1,650 (,,)	80	1,730
Total ..	34,820	17,480	49,200

3. The committee however leave to the discretion and judgment of the Local Government to sanction the erection of all or some of the buildings as they may deem fit, notwithstanding the fact that the need for every one of them is strongly felt, though with varying degrees.

4. In deciding upon the grant the committee beg leave to respectfully remind the Government that the home will be viewed as an educational institution being a training home with a school attached.

Note by the Chief Engineer ~~for Irrigation~~ No. 283-D, dated 3rd July 1917.

In accordance with the remarks contained in paragraph 7 of the Chief Engineer's note No. 516-D., dated 21st September 1916, the Honorary Secretary of the Madras Society for the Protection of Children submits revised plans and estimates amounting to Rs. 34,650, the particulars of which are as follows :—

				Rs.
(1) House for boys ..	Drawing	..		13,200
(2) Bath room, latrine and passages	A			1,100
(3) Superintendent's quarters	B	...	...	2,350
(4) Kitchen and dining hall	C	...	...	3,100
(5) Corridor connecting A and C		...	...	600
(6) Compound wall and gates	D	...	..	10,300
(7) Flush-out closets for latrines, 4 in number		...	...	500
(8) Water-supply		...	..	500
(9) Furniture and lighting		...	...	1,200
(10) Roads and drains		...	...	320
(11) Unforeseen works		..	...	1,480
(12) Site plan	E			
			Total ...	34,650

2. The revised plans and estimates have been examined in the Chief Engineer's office; the Superintending Engineer, V Circle, should satisfy, himself as to the nature of the soil and the suitability of the foundations.

3. With these remarks the revised plans, and the revised estimates aggregating Rs. 34, 650 are recommended for approval.

S. B. MURRAY,
Chief Engineer, P.W.D.

Note by the Chief Engineer ~~for Irrigation~~, No. 521, dated 11th September 1917.

1 (*a*) In the Chief Engineer's Note No. 283-D., dated 3rd July 1917, the construction of buildings for the Madras Society for the Protection of Children at a cost of Rs. 34,650 was recommended for approval.

(*b*) The Honorary Secretary of the society now submits for fresh approval a revised proposal estimated to cost Rs. 49,200.

(*c*) The particulars of these two proposals are as summarized below :—

Description.	Plans and estimates connected with proposal (*a*).		Plans and estimates connected with proposal (*b*).	
	Plan number.	Estimate	Plan number.	Estimate
(1)	(2)		(3)	
		Rs.		Rs.
(1) Boys' Home	A	13,200	A	13,200
(2) Girls' Home	Not provided.		F	9,980
(3) Kitchen and dining hall	C	3,100	H	2,800
(4) Superintendent's quarters	E	2,350	B	2,350
(5) Workshop and store	Not provided.		G	1,600
(6) Bath-rooms and latrines including passages. ...	A	1,100	A and F	2,070
(7) Corridors	E	600	I, A, F	1,280
(8) Compound wall with gates, etc. ...	D and E	10,300	I & D	10,300
(9) Flush-out closets for latrines with pipes and fittings. ...		500		875
(10) Water-supply		500		
(11) Furniture and lighting arrangements		1,200		3,015
(12) Roads and drains		320		
(13) Unforeseen works		1,480		1,730
Total ...		34,650		49,200

2. The plans and estimates for the additional works and the revised plan and estimate for the kitchen and dining room have been examined in the Chief Engineer's office ; the Superintending Engineer, V Circle, should satisfy himself as to the nature of the soil and the suitability of the foundations.

3. With these remarks, the plans and estimates referred to in column (iii) of paragraph I (*c*), the latter aggregating Rs. 49,200 are recommended for approval in supersession of those mentioned in paragraph 1 (*a*).

Order—No. 1166, Home (Miscellaneous), dated 14th November 1917.

The Honorary Secretary for the Madras Society for the Protection of Children submits with his letter, dated the 30th June 1917, revised plans and estimates amounting to Rs. 49,200 for the erection of a permanent home for the Madras Society for the Protection of Children on the site acquired by the society in the Tiruvottiyur High Road, Madras. The Government approve of them subject (1) to the remarks of the Chief Engineer in his Note No. 521, dated the 11th September 1917 and (2) to the omission for the present of the compound wall for the buildings and of the provision of Rs. 1,730 in the estimates for unforeseen works.

2. Towards the estimated cost of Rs. 37,170 of the buildings as approved above, the society have on hand Rs. 22,000. The Government are pleased, as a special case, to sanction a grant of Rs. 15,170 towards the cost of construction of the buildings.

(True extract)

R. Ramachandra Rao,
Secretary to Government.

To the Honorary Secretary, Madras Society for the Protection of Children.
,, Public Works Department.
,, Financial Department.

NOTES CONNECTED WITH G.O. No. 1166, HOME (MISCELLANEOUS), DATED 14TH NOVEMBER 1917

[SUBJECT.—*Madras Society for the Protection of Children.*]

Previous papers :

G.O.	1216,	*Public,*	30*th Sep.* 1913
,,	1151	,,	11*th* ,, 1914
,,	60	,,	16*th Jan.* 1915
,,	553	,,	10*th Apr.* ,,
,,	949	,,	16*th May* 1916

PUBLIC DEPARTMENT.

From the Honorary Secretary, Madras Society for the Protection of Children, dated 15th February 1916.

The Honorary Secretary of the Madras Society for the Protection of Children requests a building grant of Rs. 30,000 for constructing the society's permanent home on the site approved by Government in G.O. No. 60, Public, dated 16th January 1915. The total estimate of the cost of constructing the home would amount to Rs. 50,000, of which only about Rs. 20,000 is reported to be available with the society.

Submitted for orders as to the measure of Government support that may be extended to the society. Please see the Honourable Member's remarks on page 7 of G.O. No. 60, Public, dated 16th January 1915.

M.D.R.—19-2-16.

S.S.—19-2-16.

It is to be presumed that the Corporation has now filled up the tank in the society's site and the society is now bound by the conditions of their agreement to construct a building within a reasonable time. Government is committed to the support of this society within certain limits, and therefore can hardly refuse its aid in the present need. It seems probable that buildings such as are required cannot be constructed for less than the sum named—Rs. 50,000. Public Works Department may be consulted and asked to scrutinize the plans; Educational Department is also concerned with the object of the building's and their remarks may be obtained. If the result is satisfactory, this department may support the society's request and let Financial see with regard to the provision of funds.

A fortnight or so ago they had nearly finished the work, but in doing so had lowered the level of the land to the discontent of the honorary secretary.

A.B.—8-3-16.

First decide whether Government can give its money before wasting Public Works Department's time.

H.A.B.V.

The Chief Secretary should see.

H.A.B.V.

As regards the amount required, it appears that Government paper stands at about 85. The amount available with the society would thus be Rs. 22,800 approximately.

E. A. HARVEY—24-2-16.

The accommodation proposed is for 24 boys and 12 girls, the actual buildings required for this purpose alone cost (building and compound) roughly Rs. 22,000. In addition there are an outhouse Rs. 2,300, workshop Rs. 1,800, laundry Rs. 1,900 house for Superintendent Rs. 3,000 and Rs. 9,350 for a dispensary). The demands are altogether too extravagant and this society should cut their coat according to their cloth. Neither the laundry nor the dispensary seems to be necessary and Rs. 3,000 for a Superintendent's house seems to be excessive. Government should not, it is submitted, encourage such extravagant proposals.

(To say nothing of nearly Rs. 7,000 for a compound wall).

H. A. B. VERNON—25-2-16.

FINANCIAL DEPARTMENT.

The Madras Society for the Protection of Children which now applies for a grant of Rs. 30,000 towards the cost of construction of buildings to serve as the society's permanent home (total estimated cost Rs. 50,000 of which Rs. 20,000 can be found by the society) is an institution which has been recognized by Government as doing useful work; and annual grants have been made by Government in the past five years towards *the working of the* society, the amounts so given being as follows :—

	Government grant.	Remarks.
	RS.	
1911	500	G.O. No. 594, Public, dated 6th June 1911.
1912	858	„ „ 678 „ „ 6th June 1912.
1913	1,000	„ „ 1216 „ „ 30th September 1913.
1914	800	„ „ 744 „ „ 26th June 1914.
1915	840	„ „ 553 „ „ 10th April 1915.

The grants given in 1914 and 1915 represents two-thirds of the annual subscriptions collected in the previous years; which is the annual grant that has been decided to give to the society *to cover its working expenses* (cf. G.O. Nos. 744, Public, dated 26th June 1914, and No. 553, Public, dated 10th April 1915). For a statement of the ordinary *receipts* and expenditure of the society during the past five years please see page 1 of notes to G.O. No. 553, Public, dated 10th April 1915.

2. As regards the provision *of a permanent home*, the question of the Government aid to be given has been already considered by Government (please see paragraph 2 of Memorandum No. 1173-3, Public, dated 14th June 1913; notes on pages 15-17 of notes to G.O. No. 1216, Public, dated 30th September 1913, (especially paragraph 3 of Deputy Secretary Mr. Curgenven's notes, dated 24th May 1913), where he suggested a grant of Rs. 5,000 towards the erection or acquisition of a building). In the memorandum, Government promised assistance towards the establishment of a home in a central part of Madras. The question of a selection of a site for the home in a central part of Madras again came up for discussion (please see G.O. No. 1151, Public, dated 11th September 1914, and the notes thereto). A perusal of pages 8-11 of these notes (especially Mr. Curgenven's note) shows that the necessity for the aid to be given by Government for the object was recognized; but it was finally decided to make first an appeal to the public for the assistance required: and even this was dropped, the present time of war having been considered not to be a suitable one for it (~~vide Public Honourable Member's notes on pages 11 and 19 of notes to Government Order~~). The site where it is now proposed to construct the buildings, etc., for which the grant is asked, is the plot of land formerly purchased by the society at Tondiarpet. This site has since been approved by Government (vide G.O. No. 60, Public, dated 16th January 1915).

No, they said they would consider the matter. A.B.

3. From the current file it appears that Government securities to the face value of Rs. 26,000 and cash to the extent of Rs. 800 are now available for the construction of buildings. In the present condition of the market these are stated to be worth

about ·20 lakh only. It is for orders, whether, it would not be preferable to ask the society to wait some time till the money market improves, i.e., after the close of the war, before embarking on its programme of construction. This will obtain better value for the securities and will *pro tanto* diminish the outside assistance required by the society in order to carry through its programme: and the Government also could then consider the present demand more favourably than now. The Government of India's orders about retrenchment and postponement of non-urgent expenditure would seem to prohibit any payment of grant at present.

4. Assuming the return of normal conditions in the money market, the money which the society could be counted upon to find, may be taken at roughly Rs. 25,000 and the balance required is Rs. 25,000. It is for orders to what extent Government should aid the society to find the balance of Rs. 25,000. The Public Department (Special officer's note) condemn many of the items comprised in the building programme of Rs. 50,000 as extravagant.

5. It is for orders whether a grant of ·05 lakh, the amount specified by the Deputy Secretary (Mr. Curgenven) in 1914, will not suffice and whether the society may not be left to appeal to the public for the balance (paragraph 5 on page 15 of notes to G.O. No. 1216, Public, dated 30th September 1913). The question of provision of funds may be considered, when the grant has to be disbursed. For the present no grant need, it is submitted, be disbursed, though promise of assistance may be given, should Government be inclined to consider the application favourably.

V.V.—1-3-16.

A.S.—6-3-16.

I don't think this scheme can be classed as imperatively necessary or that Government can agree to bear the whole of the deficit. I think therefore that the reply may be more or less on general lines. We might say that the scheme appears to be an extravagant one, or on a more ambitious scale than the funds of the society can afford. That whilst Government is prepared to help to a certain extent they are not prepared to give the whole of the deficit. That an attempt should therefore be made to reduce the cost of the scheme, and to enlist the sympathy of the general public in it. That the present is not an opportune moment for raising subscriptions of this kind, and moreover if a grant from Government is looked forward to it will only be possible to make such a grant when the present financial stringency ceases to exist.

2. I have not overlooked the condition imposed by the Municipal Corporation in Mr. Lloyd's letter, dated the 1st December 1914, that the society should erect a building within a reasonable time, but it is possible to explain the position to the Corporation and they are not likely to press for the immediate erection of a home.

L. E. KERSHAW—7-3-16.

I do not find the plan of the building but the account of it suggests that it may not be quite suitable.

2. The cost could certainly be reduced. The laundry and dispensary could be cut out, the cost of the superintendent's quarters reduced and the wall lowered in places (a 10′ wall seems quite unnecessary). In this way we could probably reduce the cost to about Rs. 38,000.

3. I think the plans should be examined by the Consulting Architect and the estimates subjected to scrutiny in the Public Works Department before anything else is done.

4. I would not accept the demand for a Government contribution of all the money required. I would say * that Government will meet half the amount of the deficit (securing a lien on the site and buildings to this extent) if the public subscribe the other half. The money cannot be definitely promised in 1916-17.

* After the plans and estimates have been scrutinized and we know the cost more accurately.

5. Honourable Member, Financial, should see before any contribution is promised.

A. BUTTERWORTH—8-3-16.

NOTES TO G.O. No. 1166, HOME (MISCELLANEOUS), 14TH NOVEMBER 1917

PUBLIC DEPARTMENT.

For orders whether the file may now be sent to the Public Works Department with reference to the remarks of the Chief Secretary at C on previous page.

M.D.R.—10-3-16.

S.S.—10-3-16.

E. A. HARVEY—11-3-16.

Yes.

H. A. B. VERNON—13-3-16.

PUBLIC WORKS DEPARTMENT.

Note by the Chief Engineer, Public Works Department, No. 516-D., dated 21st September 1916.

The plans and estimates have been scrutinized in the office of the Chief Engineer, Public Works Department, and his remarks thereon are embodied in his note read above. The recommendations of the Chief Engineer in his note referred to above may be approved and the file returned to the Home (Miscellaneous) Department for further action.

2. It may however be pointed out to the Home (Miscellaneous) Department that both the plan and elevation are bad though from a structural point of view they may be passed subject to the remarks in the Chief Engineer's note. It may therefore be suggested that the society should have another set of plans prepared by an experienced architect and obtain the approval of Government.

M.G.—11-9-16.

T.P.S.—12-9-16.

D. MARSHALL—20-9-16.

S. B. MURRAY—20-9-16.

HOME (MISCELLANEOUS) DEPARTMENT.

Please see the Public Works Department note above, and the remarks of the Chief Engineer contained in his note, dated the 21st September 1916. A copy of the Chief Engineer's note together with the plans and estimates may be forwarded to the Honorary Secretary of the society, who may be asked to have the plans and elevations of the buildings revised by an experienced architect. The secretary may be told that the question of making a Government grant will be considered on receipt of the revised plans.

Draft memorandum is submitted.

M.D.R.—28-9-16.

P.DER.—30-9-16.

Draft memerandum submitted for approval.

C. RAMANUJA ACHARIYAR—2-10-16.

P. RAJAGOPALA ACHARIYAR—3-10-16.

[Issued as Memorandum to the Honorary Secretary, Madras Society for the Protection of Children, No. 1053-3, dated 3rd October 1916.]

Demi-official—from T. E. MOIR, Esq., I.C.S., Private Secretary to His Excellency the Governor.

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

Dated—Ootacamund, the 4th May 1917.

In requesting His Excellency to lay the foundation stone of the permanent home of the Madras Society for the Protection of Children to be erected on the site at Washermanpet, the honorary secretary has stated that the plans and estimates of the home have been re-submitted to Government and that it is hoped that sanction will be obtained at an early date as the subject has been under the consideration of the Government since February 1916. Will you kindly let me know how the matter now stands?

From the Honorary Secretary to the Madras Society for the Protection of Children,—dated 28th April 1917.

The Honorary Secretary, Madras Society for the Protection of Children, submits the revised plans and estimates called for in Memorandum No. 1053-3, dated 3rd October 1916, and renews his application for a building grant in aid of the construction of a permanent home of the society. The original proposals were at a cost of Rs. 50,000. The Chief Secretary in his note, dated 8th March 1916, took objection to certain items (dispensary and laundry) of the construction and the society have not only omitted those items in their revised proposals but also certain others (girls' home and the workshops) which were not taken objection to. The present proposals cost Rs. 34,650.

2. The Honorary Secretary in paragraph 3 of his letter points out the imperative necessity to have a high compound wall (10 feet in the southern part and 8 feet in the other three parts) all round the buildings. This wall is estimated to cost Rs. 10,300 against the Chief Engineer's estimate of Rs. 4,970. A 10-feet high compound wall was considered unnecessary by the Chief Secretary. For orders whether the present proposals will be agreed to. Lieut.-Col. Bryson is stated to have agreed to the height of the wall as proposed in the revised plan.

3. Submitted for orders as to the measure of Government support that may be extended towards the proposal. Please see the Honourable Member's remarks on page 7 of G.O. No. 60, Public, dated 16th January 1915. Financial may again be consulted.

4. The file may be sent u.o. to the Private Secretary to His Excellency the Governor with reference to his demi-official on page 4 ante, as soon as a decision is arrived at as regards Government grant.

A.V.S.—10-5-17.

P.DER.—15-5-17.

Before considering the question of grant, the file may be first sent to the Public Works Department for approval of the revised plans and estimates. In the circumstances stated we may perhaps have to allow the compound wall.

C. RAMANUJA ACHARI—16-5-17.

(The file may be sent to the Private Secretary to His Excellency the Governor for perusal.)

To the Private Secretary to His Excellency the Governor for perusal and favour of return.

The so-called economising has been effected by cutting down the girls' home and workshop. I do not see how the home can get on without a workshop; and probably girls deserve more urgent help than boys.

2. The compound wall appears to be necessary but may be reduced to 7 or 8 feet all round.

3. I am afraid the proposals will have to be recast and the question of the Government grant cannot be taken up now.

4. The revised estimate from the society was received only on the 3rd May 1917.

R. RAMACHENDRA RAO—17-5-17.

OFFICE OF THE PRIVATE SECRETARY.

A The question of the workshops should be referred to the society. From the site plan it seems clear that the girls' home can be added later when funds permit and it is unnecessary to raise the question whether the whole scheme should be held over until provision can be made for it, as the delays have already been very great. His Excellency desires that in the meantime the revised plans and estimates should be sent at once to the Public Works Department for such scrutiny as may be necessary.

T. E. MOIR—19-5-17.

A draft memorandum to the Secretary of the Society in regard to the workshop is submitted. After issue the case may be sent u.o. to Public Works Department for scrutiny of the revised plans and estimates.

P.DER.—21-5-17.

C. RAMANUJA ACHARI—22-5-17.

Issue.

R. RAMACHANDRA RAO—23-5-17.

PUBLIC WORKS DEPARTMENT.

Note by the Chief Engineer, Public Works Department, No. 283-D., dated 3rd July 1917.

The revised plans and estimates have been examined in the Chief Engineer's office and are recommended for approval. The Chief Engineer adds that the Superintending Engineer, V Circle, should satisfy himself as to the nature of the soil and the suitability of the foundations. This department may agree with the Chief Engineer and the file may be transferred to the Home (Miscellaneous) for issue of orders.

P.R.—28-6-17.

T.P.S.—28-6-17.

D. MARSHALL—2-7-17.

HOME (MISCELLANEOUS) DEPARTMENT.

From the Honorary Secretary for the Protection of Children, dated the 30th June 1917.

Please see His Excellency's orders at A on page 15 ante. The Honorary Secretary to whom the question of the workshop was referred now submits plans and estimates not only for the workshop but also for a girls' home and the consequential changes in making the buildings symmetrical. The Public Works Department have already examined the plans and estimates forwarded with the Honorary Secretary's letter, dated the 28th April 1917, and they have been approved by the Chief Engineer.

2. The cost of the buildings according to the Honorary Secretary's letter, dated 28th April 1917, is Rs. 34,650. The Honorary Secretary's present proposals include the construction of a workshop and a girls' home. The cost according to his letter ~~on pages 8 to 6 . 1917~~ dated the 30th June 1917 is Rs. 49,200. The cost of the workshop and the girls' home alone—the only two new items—is Rs. 11,580 against the Chief Engineer's estimate of Rs. 8,250. The Honorary Secretary's letter discloses that there is to be an increased expenditure of Rs. 3,100 on certain items perhaps due to the consequential arrangements and a reduction of Rs. 300 on kitchen, etc

3. Submitted for orders as to the amount of Government aid that should be extended to the society. The file may again go to Public Works Department for remarks on the revised plans and estimates. The remarks of Financial may be invited, ~~vide Chief Secretary's note on page ante.~~

A.V.S.—7-7-17.

P.DER.—10-7-17.

The only alteration that is now proposed by the society in respect of buildings, the plans and estimates of which have been scrutinized by the Public Works Department, is the removal of two bays in the dining hall effecting thereby a saving of Rs. 300. The whole scheme already passed by Public Works Department will then amount to Rs. 34,350.

2. We may, as ordered by His Excellency, leave the other items for the present, passing the plans and estimates relating to them to the Public Works Department for scrutiny. It may not be long before orders will have to be passed on them also.

3. Considering all the circumstances, we may for the present sanction a grant of Rs. 14,000 for the buildings to be approved now, as against the estimate of Rs. 34,350. The society has Government securities, the present value of which is estimated at Rs. 20,000. When passing orders on this portion, we may say that the plans and estimates for the remaining portion of the works are under scrutiny, that separate orders will be passed on them and that the society should endeavour to collect subscriptions towards their cost and report the result to Government at an early date. The further grant to be given in respect of them may be determined on receipt of the reply of the society. The file may be sent to Financial for remarks. Their attention may be drawn to the Private Secretary to His Excellency the Governor's letter and note on pages 4 and 5 supra respectively.

C. RAMANUJA ACHARI—11-7-17.

The committee's letter is not very clear as to the urgency of the workshop, the only definite statement is that the works postponed are less urgent than the compound wall. But it is added that the need for every one of the buildings is urgent.

2. I shall be thankful if the Public Works Department can scrutinise the revised estimates noting the amounts required for the workshop and the girls' school separately. Then the file had better go to Financial.

A

R. RAMACHANDRA RAO—12-7-17.

PUBLIC WORKS DEPARTMENT.

Note by the Chief Engineer, Public Works Department, No. 521 *D, dated* 11*th September* 1917.

The revised plans and estimates have been examined by the Chief Engineer who recommends them for the approval of Government subject to his remarks in his note read above. For the estimated cost of the girls' home and the workshops, please see page 4, current file. The file may now be transferred to Home (Miscellaneous) for the issue of orders.

P.R.—1-9-17.
T.P.S.—3-9-17.

D. MARSHALL—7-9-17.

HOME (MISCELLANEOUS) DEPARTMENT.

The file may now go to Financial with reference to the Secretary's orders at A above.

A.V.S.—13-9-17.
P. DE R.—14-9-17.

The revised estimate as recommended by the Chief Engineer is Rs. 49,200. Of this, Rs. 11,580 relate to the girls' home and workshop and the balance of Rs. 37,620 to the other works. For orders as to whether the grant should be confined only to the latter for the present and fixed at Rs. 17,620. For the remaining portion of the estimate, may we ask the society to ascertain and report whether they could collect further subscriptions towards them before sanctioning any grant? If we sanction a grant of the *whole* scheme now without any further reference, we will have to fix the grant at Rs. 29,200 against the total estimate of Rs. 49,200, as the society has on hand only Rs. 20,000.

C.R.—10-7-17.

First to Financial for favour of remarks.

R.R.—17-9-17.

FINANCIAL DEPARTMENT.

Will Home Department very kindly say what its specific recommendations are. At present it is not quite clear whether Home wish to support the whole scheme or

a part of it only, and whether it is proposed to subsidize the society to a greater or lesser extent than one-half. In the absence of specific recommendations Financial will be noting in the dark.

L. E. KERSHAW—15-9-17.

HOME (MISCELLANEOUS) DEPARTMENT.

Submitted to the Secretary for orders.

C. RAMANUJA ACHARI—19-9-17.

Please see the Chief Engineer's note. As ordered by His Excellency, page 5, the girls' home (Rs. 9,980) may be held over.

The compound wall is necessary. There is no definite report about the urgency of the workshop. But it is obviously necessary and the amount is not much. The works now proposed are—

		Rs.
1.	Boys' home	13,200
2.	Kitchen and dining hall	2,800
3.	Superintendent's quarters	2,350
4.	Workshop and store	1,600
5.	Bathrooms and latrines including passages	2,070
6.	Corridors	1,280
7.	Compound wall with gates	10,300
8.	Flush-out closets for latrines with pipes, etc.	875
9.	Furniture and lighting arrangements	3,015
	Total ...	37,490 *

provision for Girls Home & unforseen works

* [Excluding ~~items (2) and (13)~~.]

Against this the society has almost Rs. 22,800. I propose therefore a maximum grant of Rs. 14,690 or say Rs. 14,700 in round numbers or whatever else is enough to complete the above ~~remarks~~ works, whichever be less. The Government contribution will thus be about 39 per cent of the total outlay as now estimated.

R. RAMACHANDRA RAO—8-10-17.

FINANCIAL DEPARTMENT.

Please see the Financial Department notes on pages 2-3+7 ante and the Home Department notes above. Out of the estimate of Rs. 49,200 for the construction of the various buildings for the Madras Society for the Protection of Children, the Home Department propose to approve of the items of work the estimated cost of which comes to Rs. 37,490, * and to meet the above sum as shown below :—

2-3+7

* Total in column (iii) after excluding items (2) and (13).

I.e., 14,700 or what might be required to complete the work—whichever is less.
L.E.K.—~~19-10-17~~.

	Rs.
(i) From the society's funds (private donations).	22,800
(ii) From a grant to be given by Government for the execution of approved list of works or a maximum grant of Rs. 14,690 or Rs. 14,700 roundly, *whichever is less*.†	~~14,690 or~~ 14,700 ~~roundly~~.
	~~37,490 or~~ 37,500 ~~roundly~~.

2. Attention is solicited to paragraph 4 of the Chief Secretary's (Mr. Butterworth's) note, dated 8th March 1917, on page 3 ante. It has been considered that the Government grant may be limited to *one-half of the deficit* (securing a lien on site and buildings to this extent), if the public subscribe the other half. Orders are solicited whether the Government grant in the present case may not be limited to a sum of Rs. 7,500 roundly.

3. If any grant is to be sanctioned, submitted that the Society may be informed that the grant will be disbursed only when the present financial stringency ceases to exist (c.f. the Assistant Secretary's note on page 3 ante). The Society can in the meanwhile start work from funds at its disposal. If, however, it is considered that the payment of the grant need not be postponed indefinitely, the grant may perhaps be paid next year, the necessary provision for the purpose being included in the budget estimates for 1918–19 under the head '32-B. MISCELLANEOUS—Donations for charitable purposes,' to which head the charge is debitable. For orders.

V.V.—16–10–17.

V.G.K.—19–10–17.

Following the opinion expressed by Mr. Butterworth the grant should be limited to half the deficit i.e., to Rs. 7,500 as now estimated. We can find this money at any time and may agree to pay it as soon as the Society has raised the other moiety.

L. E. KERSHAW—19–10–17.

The position has not changed since Mr. Butterworth noted except in so far as plans and estimates have now received a proper check, and I am disposed to endorse his recommendation as to the amount of grant. The Honourable Member (Financial) should see as well as His Excellency.

L. DAVIDSON—20–10–17.

HOME (MISCELLANEOUS) DEPARTMENT.

For orders.

2. The file has to be circulated to the Honourable Member, Home (Miscellaneous), Honourable Member (Financial) and His Excellency the Governor.

3. The Committee ask for a grant of the whole of the balance required. In their present correspondence they do not refer to any possibility of any further subscriptions towards the building. In the case of educational buildings a half grant on the whole cost is usually allowed. More than half of the cost has already been subscribed for in the present case by a private individual (Dr. V. Varadappa Nayudu). By giving a grant of Rs. 14,700 out of the total estimate of Rs. 37,490 the Government will be giving much less than what is usually given for educational buildings.

C. RAMANUJA ACHARIYAR—22–10–17.

I venture to submit a case for the grant of the entire balance.

Owing to variety of causes there are several calls on private charity at present. Secondly, whatever the Society can obtain by canvassing will probably be swallowed up in the fall in the value of securities.

The amount recommended is a small fraction of the entire cost.

R. RAMACHANDRA RAO—24–10–17.

This institution will be of material assistance to Government when the Children's Bill becomes law. Under that enactment it will be obligatory on Government to set up industrial and reformatory schools, and at the outset we shall be handicapped by the dearth of such institutions, which are going concerns.

This is an opportunity of setting up a well-equipped school at small cost to Government and ought not to be postponed for the sake of a few thousand rupees. I would sanction the whole balance from Government funds.

H. F. W. G[ILLMAN]—24–10–17.

I do not believe that there is the smallest chance of the public subscribing half the cost needed to meet these estimates, i.e., Rs. 7,500. The amount of public interest taken in this Society is very small and the subscriptions, especially from the Indian public, are evidence of this. I am therefore prepared to agree to a grant sufficient, with the Rs. 22,000 possessed by the Society, to finish the buildings, but I think we ought to object to the disproportionate sum (Rs. 10,000) proposed to be spent on the compound wall. It is not necessary or desirable, I think, to turn this place into a jail. If the children are properly treated, they won't require a 10 feet wall to keep them there, and a 5′ 6″ wall would be sufficient for ordinary purposes and would cost less than half the Rs. 10,000 at present entered. On the other hand the girls' buildings seem essential and it would surely be better to provide that and to omit the compound wall for the present. The true bearing of the last sentence of the Honorary Secretary's letter, dated 30th June, seems hardly to have come to the Committee itself.

A. G. C[ARDEW]—26-10-17.

I agree with Sir Alexander Cardew.

P[ENTLAND]—27-10-17.

A draft order is submitted.

2. The total estimate for the construction of the buildings as suggested by the Honorary Secretary is Rs. 49,200. The Financial Department have cut down the provision of Rs. 1,730 for unforeseen works. The Honourable Member (1) has stated that the compound wall should for the present be omitted. There is in the estimates a provision of Rs. 10,300 for this item. These two items in the estimates should be omitted. The provision of Rs. 9,980 for the girls' home should however be retained. The total estimates as approved by Government is therefore Rs. 37,170.

Rs. 49,200—(10,300 + 1,730).

The funds of the Society amount to Rs. 22,000. As the Government have agreed to grant an amount sufficient with Rs. 22,000 to finish the buildings, the draft order provides for the grant of Rs. 15,170. The draft, if approved, may be sent to Financial for acceptance.

A.V.S.—31-10-17.
P.DER.—3-11-17.

C. RAMANUJA ACHARIYAR—5-11-17.
R. RAMACHANDRA RAO—6-11-17.

FINANCIAL DEPARTMENT.

We may accept the draft, though I am not sure whether paragraph 3 is in accordance with the decision come to by Government.

L. E. KERSHAW—6-11-17.

Paragraphs 1 and 2 accepted. Paragraph 3 seems to me to go beyond the notes and in calling for estimates implies assistance.

L. DAVIDSON—7-11-17.

HOME (MISCELLANEOUS) DEPARTMENT.

Submitted to the Secretary for orders.

C.R.—8-11-17.

Very well; omit paragraph 3 but write a demi-official to the Honorary Secretary that a sum of . . . (see Honourable Member's note).

Government do not promise to give any further grant.

R.R.—12-11-17.

A draft demi-official is submitted for approval. It will issue with the Government Order in the case.

C.V.S.—12-11-17.
P.DER.—14-11-17.

C.R.—14-11-17.
R.R.—14-11-17.

Demi official—from the Hon'ble Diwan Bahadur R. RAMACHANDRA RAO Avargal, Secretary to Government, Home (Miscellaneous) Department.

To—M.R.Ry. M. VIJIARAGHAVULU Avargal, B.A., M.B. & C.M., 156, Broadway, Madras, E.

Dated—Fort St. George, the 14th November 1917.

No.—1489-6.

With reference to the Proceedings of this Government No. 1166, Home (Miscellaneous), of this date, sanctioning a grant of Rs. 15,170 towards the cost of the construction of a permanent home for the Madras Society for the Protection of Children, I am to state that the Government, in disallowing the proposal to build a compound wall, considered that the sum of Rs. 10,000 which it was proposed to spend on it was disproportionately high for a wall. In their opinion a wall 3′ 6″ high would be sufficient for ordinary purposes and would cost less than half the amount now proposed. The Government do not however promise to give any further grant towards the cost of the construction of the buildings.

[G.O. No. 1166, Home (Miscellaneous), dated 14th November 1917.]

PRESS SLIP.

~~ORDINARY.~~ PREFERENCE. URGENT (a).

Sectt. II—38—2-15. ..... Home ..... DEPARTMENT.

29

Current No. 11 ....., dated 191

G.O. No. 1166., dated ..... 14 ..... 11 ..... 191 7.

Number of MS. pages sent { (b) Correspondence ..... 39 ..... (b1) Notes ..... 29 .....

Brief subject ..... Building grant to the M. Co-op. Society ltd

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TO PRESS, MADRAS OOTY.

A

Please send proof in duplicate. The papers have been carefully edited.

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Referencer.
Clerk.

Supdt.

B

Proof returned corrected. Please strike off and send number of copies as indicated.

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Referencer.
Clerk.

Supdt.

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Referencer.
Clerk.

Supdt.

SPECIAL INSTRUCTIONS.

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Revised proposal vide E.W. note D 22/8/17

Plans and estimates 30

for Approval

CLR 22/8/17

Bundle No I

A

30

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN.

REVISED PROPOSAL

SUMMARY OF COST

Description	Plans and estimates connect with the proposal. Plan No.	Estimate Rs
(1) Boys' Home	A	13,200
(2) Girls' Home	F	9,980
(3) Kitchen and Dining Hall	H	2,800
(4) Superintendent's quarters	B	2,350
(5) Workshop and Store	G	1,600
(6) Bath rooms and latrines including passages	A & ~~E~~ F	2,070
(7) Corridors	I, A and F	1,280
(8) Compound wall with gates etc.	~~D & E~~ I.9.D	10,300
(9) Flush out closets for latrines with pipes and fittings		875
(10) Water Supply		
(11) Furniture & lighting arrangements		3,015
(12) Roads and Drains		
(13) Unforeseen works		1,730
Total Rs.		49,200

22/9/17

(-) (-)

32

A

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN.

BOYS HOME.

Exc B
1689 of 1917

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

GENERAL SPEFICATION TO ACCOMPANY THE ESTIMATE

FOR HOME FOR BOYS

****

B 33

FOUNDATIONS

A depth of 4'-0" is provided in the estimate, the lower 1'-0" will be of concrete broken brick in lime mortar, the rest will be of brick in lime mortar.

BASEMENT

will be of brick in ~~xx~~ lime mortar 2' 0" high.

SUPERSTRUCTURE

All walls will be of brick in lime mortar in Ground floor and the walls in First floor will be of brick in clay except sides of doors and windows which will be of brick in lime mortar.

CUT STONE

Templates under girders, base stones of verandah posts will be of cut stone.

WOOD WORK

All roof and floor timbers will of well seasoned jarrah wood.

ROOFING

Roof will be of Mangalore tiles over flat tiles supported on teak reepers.

FLOORING

The floors of all rooms and verandahs will be of 8" square tiles over 6" sand and pointed with cement the floor of first floors will be of Madras reduced terrace and rendered with ½" cement plaster.

DOORS ETC.

DOORS AND WINDOWS

All doors and windows will be of country wood (Meyang).

134

FINISHING

All, interior and exterior will be plastered with 2 coats of lime mortar.

Paint all the doors and windows with 2 coats of approved paint and all roof timbers with 2 coats of wood oil.

All wood work will be done in accordance with the standard specification of the Madras P.W.D.

(Sd) R. Jackson.
20-4-17
Architect.

B O Y'S H O M E.

EARTHWORK

EXCAVATION FOR FOUNDATIONS

Main wall all round	1	213-0	4-6	4-0	3834
Cross walls in do.	4	11-6	4-6	4-0	828
Wall three sides of front turret	1	27-0	4-6	4-0	486
Wall three sides of rear turret	1	21-6	4-6	4-0	387
Wall three sides of corner turrets	4	19-0	4-6	4-0	1368
Front and rear verandah walls	4	26-0	4-6	4-0	1872
Steps in front and rear	2	10-6	3-6	0-9	55
Total cft.	-----				------ 8830

FILLING IN BASEMENT WITH EARTH

Main rooms	2	28-7½	14-1½	1-6	1213
Stair case room	1	8-7½	14-1½	1-6	183
Side rooms	2	7-7½	14-1½	1-6	323
Front turret	1	8-7½	8-7½	1-6	112
Rear turret	1	8-7½	5-10½	1-6	76
Corner turrets	4	6-7½	4-7½	1-6	184
Front and rear verandahs	4	28-7½	5-1½	1-6	880
Total cft.	-----				------ 2971

CONCRETE BROKEN BRICK IN LIME MORTAR

Main wall all round	1	213-0	4-6	1-0	959
Cross walls in do.	4	11-6	4-6	1-0	207
Wall 3 sides of front turret	1	27-0	4-6	1-0	122
Wall three sides of rear turret	1	21-6	4-6	1-0	97
Wall 3 sides of corner turrets	4	19-0	4-6	1-0	342
Front and rear verandah walls	4	26-0	4-6	1-6	702

Steps in front and rear	2	10-6	3-6	0-9	55	
Total cft.	-----				------	2484

BRICK IN LIME MORTAR (FOUNDATIONS AND BASEMENT)

FOUNDATIONS

1st footing.

Main wall all round	1	213-0	3-0	1-0	638
Cross walls in do.	4	13-0	3-0	1-0	156
Wall three sides of front turret	1	28-6	3-0	1-0	86
Wall three sides of rear turret	1	23-0	3-0	1-0	69
Wall three sides of corner turrets	4	20-6	3-0	1-0	246
Front and rear verandah walls	4	27-6	3-0	1-0	330
2nd footing;-					
Main wall all round	1	213-0	2-7½	1-0	559
Cross walls in do.	4	13-4½	2-7½	1-0	140
Wall three sides of front turret	1	28-10½	2-7½	1-0	76
Wall three sides of rear turrets	1	23-4½	2-7½	1-0	61
Wall 3 sides of corner turrets	4	20-10½	2-7½	1-0	219
front and rear verandah walls	4	27-10½	2-7½	1-0	293
3rd footing:-					
Main wall all round	1	213-0	2-3	1-0	479
Cross walls in do.	4	13-9	2-3	1-0	124
Wall three sides of front turret	1	29-3	2-3	1-0	66
Wall three sides of rear turrets	1	23-9	2-3	1-0	53
Wall three sides of corner turrets	4	21-3	2-3	1-0	191
Front and rear verandah walls	4	28-3	2-3	1-0	254
BASEMENT					
Main wall all round	1	213-0	1-10½	2-0	799
Cross walls in do.	4	14-1½	1-10½	2-0	212
Wall three sides of front turret	1	29-7½	1-10½	2-0	111

Wall three sides of rear turret	1	24-1½	1-10½	2-0	90	
Wall three sides of corner turrets	4	21-7½	1-10½	2-0	324	
Front and rear verandah walls	4	28-7½	1-8½	2-0	386	
Pilasters in front and rear verandah walls	1	40-0	0-2½	2-0	15	
Steps in front and rear	2	26.00 (Vol.)		-	52	
Total cft.	----				------	6030

BRICK IN LIME MORTAR (SUPERSTRUCTURE)

GROUND FLOOR.

Main wall all round	1	213-0	1-6	13-0	4154
Cross walls in do.	4	14-6	1-6	13-0	1131
Wall three sides of front turret	1	30-0	1-6	13-0	585
Wall three sides of rear turret	1	24-6	1-6	13-0	478
Wall three sides of corner turrets	4	22-0	1-6	13-0	1716
Front and rear verandah walls	4	29-0	1-6	13-0	2262
Parapet over side rooms	2	20-6	1-1½	1-6	69
Total cft.	-----				------- 10395 ------

Deduct for :-

Doors A	16	3-6	1-6	7-6	630
Do. B	1	3-6	1-6	6-6	34
Do. C	2	3-6	1-6	7-6	79
Windows F	2	3-6	1-6	4-6	47
Archway rectangular portion 6'0" span	2	6-0	1-1½	7-6	101
6'-6" span	12	6-6	1-1½	7-3	636
do. 4'-6" span	8	4-6	1-6	6-9	365
do. do.	4	4-6	1-1½	6-9	137
do. 3'-0" span	4	3-0	1-1½	7-6	101

Rectangular opening in staircase room	1	9-0	1-6	11-0	149
Semi circular portion 6'-0" span	2	14.14 area		1-1½	32
do. 6'-6" span	12	16.59 area		1-1½	224
do. 4'-6" span	8	7.95 area		1-6	95
do.	4	7-95 area		1-1½	36
do. 5'-0" span	4	3.53 area		1-1½	16
Recess in exterior walls	1	120-0	0-4½	13-0	585
Templates under girders	8	1-6	1-6	0-6	9
Archwork brick in lime mortar as per details below cft.	------				785
				Total deductions cft.	4061
Net Total cft.	-----				6,334

BRICK IN CLAY (SUPERSTRUCTURE)

First floor :-					
Wall round dormitory etc.	1	175-0	1-1½	12-6	2461
Cross walls in do.	2	15-3	1-1½	12-6	429
Gables in do.	2	16-4½	1-1½	2-9	101
Do.	2	10-10½	1-1½	1-9	43
Wall three sides of front turret	1	30-9	1-1½	11-0	381
Wall three sides of rear turret	1	25-3	1-1½	11-0	312
Wall round Store & Night urinal rooms	4	28-1½	1-1½	9-6	1202
Extra walls in do.	4	5-0	1-1½	4-0	90
Pedastals	12	3-0	1-1½	3-0	122
Pilasters in exterior walls	1	36-0	0-4½	8-0	108
Total cft.	------				5249
Deduct for :-					
Doors A	6	3-6	1-1½	7-6	177
do. D	2	3-0	1-1½	6-6	44

Doors E	2	2-6	1-1½	6-6	37
Windows F	13	3-6	1-1½	4-6	230
Do. G	8	1-3	1-1½	4-6	51
Rectangular openings in staircase room	1	9-9	1-1½	11-0	121
Rectangular openings in front and rear turrets	2	6-0	1-1½	11-0	149
Archway rectangular portion in do.	4	4-6	1-1½	5-9	116
do. Semi circular	4	7.95	area	1-1½	36
Templates under trusses	8	1-6	1-1½	0-6	7
brick in lime mortar Archwork/as per details below cft.	-----				184
Brick in lime mortar as per details below cft.	-----				1167
				Total deductions cft.	2319
Net total cft.	------				2,930

BRICK IN LIME MORTAR (SUPERSTRUCTURE)

FIRST FLOOR.

Top of Dormitory walls	1	175-0	1-1½	1-0	197
Cross walls in do.	2	16-6	1-1½	1-0	37
Front turret walls	1	24-9	1-1½	1-0	28
Rear turret walls	1	19-3	1-1½	1-0	22
Store & Night urinal rooms walls	4	28-1½	1-1½	1-6	190
Extra walls in do.	4	7-0	1-1½	1-0	32
Pedastals	12	3-0	1-1½	1-0	41
Sides of doors A	6	16-0	1-1½	1-0	108
do. D	2	14-0	1-1½	1-0	32
do. E	2	14-0	1-1½	1-0	32
Around windows F	13	15-6	1-1½	1-0	227
do. G	8	13-3	1-1½	1-0	119
Sides of rectangular openings in front and rear turrets	4	11-0	1-1½	1-0	50

Sides of arch openings	8	5-9	1-1½	1-0	52
Total cft.	-----				------- 1167

ARCHWORK BRICK IN LIME MORTAR

GROUND FLOOR

Over doors A	16	4-4½	1-6	1-6	158
do. B	1	4-4½	1-6	1-6	10
do. C	2	4-4½	1-6	1-6	20
Over windows F	2	4-4½	1-6	1-6	20
Arch openings 6'-0" span	2	11-9	1-1½	1-6	40
do. 6'-6" span	12	12-6	1-1½	1-6	253
do. 4'-6" span	8	9-6	1-6	1-6	171
do.	4	9-6	1-1½	1-6	64
do. 3'-0" span	4	7-3	1-1½	1-6	49
Total cft.	-----				------- 785

ARCHWORK BRICK IN LIME MORTAR

FIRST FLOOR

Over doors A	6	4-4½	1-1½	1-1½	33
do. D	2	3-9	1-1½	1-1½	9
do. E	2	3-1½	1-1½	1-1½	8
Over windows F	13	4-4½	1-1½	1-1½	72
do. G	8	1-9	1-1½	1-1½	18
Arch opening in front and rear turrets	4	8-9	1-1½	1-1½	44
Total cft.	-----				------- 184

BAND STRING COURSE INCLUDING PLASTERING ETC. COMPLETE.

Main building all round	1	180-0			180
Total Rft.	-----				------- 180

CUT STONE WORK

Templates under girders	8	1-6	1-6	0-6	9
Templates under trusses	8	1-6	1-1½	0-6	7
Base stones for verandah posts	12	3-0	1-1½	0-4	14
Total cft.	-----				------ 30

ROLLED STEEL GIRDERS INCLUDING HOISTING AND SETTING

Main rooms (12" x 5")	4	17-6	x 32 lbs.	2240
Over openings in staircase room (6" x 3")	2x2	12-0	x 12 lbs.	576
Total lbs.	------			2816 or 1.26 to

TIMBER WROUGHT AND PUT UP

GROUND FLOOR

Joists over main rooms	9x2	31-6	0-2½	0-8	78.75
Joists over side rooms	9x2	9-6	0-2	0-7	16.63
Joists over staircase room	6	5-3	0-2	0-5½	2.41
Joists over front turrets	6	10-6	0-2½	0-8	8.75
Joists over rear turrets	6	7-9	0-2	0-5½	3.55
Joists over corner turrets	4x4	8-6	0-2	0-7	13.22
Joists over front and rear verandahs	20x4	7-0	0-2	0-5½	42.78

FIRST FLOOR

Joists in store and night urinal rooms	4x4	8-6	0-2	0-7	13.22
Tie beams in Dormitory	4	17-6	0-3	0-5	7.29
Struts in do.	4x2	5-0	0-3	0-3	2.50
Principal rafters in do.	4x2	9-9	0-3	0-5	8.13
Principal hip rafters	4	13-0	0-4	0-6	8.67
Ridge piece	1	68-6	0-2½	0-8	9.51
Purlins	1	148-0	0-4	0-7	28.78
Common hip rafters	4	11-0	0-2	0-4½	2.75

Valley rafters	4	9-3	0-2	0-4½	2.31
Common and jack rafters over Dormitory and staircase rooms	46x2	10-9	0-2	0-3½	48.08
Jack rafters at hipped portion	8x4	6-0	0-2	0-3½	9.33
Rafters at sides	2x7	8-0	0-2	0-3½	5.44
Hip rafters in front and rear turrets	4	11-9	0-2	0-4½	2.94
Common and jack rafters in do.	36	9-0	0-2	0-3½	15.75
Collars in do.	14	7-0	0-2	0-3½	4.76
Bressummer in do.	2	8-0	0-3	0-5	1.67
Rafter for extra projection	7	3-6	0-2	0-3½	1.19
Horizontels for brackets	2	4-0	0-2	0-3	0.33
Struts for do.	2	3-6	0-2	0-3	0.29
Purlins for do,	1	9-0	0-3	0-4	0.75
Wall plates	1	200-0	0-3	0-4	16.67
Bressummer in front and rear verandahs	4	31-6	0-4	0-6	21.00
Posts in do.	32	5-6	0-4	0-4	19.56
Struts for verandah posts	40	2-0	0-6	0-2	6.67
Verandah rafters	84	10-9	0-2	0-4½	56.44
Cantilever for balcony	2	3-6	0-4	0-9	1.75
Joists for do.	2	8-0	0-2	0-7	1.56
Total cft.	------			------	463.43

WOODEN STAIR CASE WITH NECESSARY SUPPORTS AND HANDRAILS INCLUDING WAXPOLISHING ETC. COMPLETE.

Main stairs	1	40-0	3-0	120	
Total sft.	-----			-----	120

WOODEN HANDRAILS INCLUDING PAINTING ETC. COMPLETE.

In front and rear verandahs	1	100-0		100	
Total Rft	-----			------	100

FIXED VENETIANED LOUVRES WITH FRAMES INCLUDING PAINTING ETC. COMPLETE.

At roof ends	2	8-0 / 2	2-6	20	
Total sft.	----			------	20

DOORS 1/3 PANELLED AND 2/3 GLAZED INCLUDING FRAMES AND FITTINGS COMPLETE.

Doors A	22	3-6	7-6	578	
Do. B	1	3-6	6-6	23	
Total sft.	-----			------	601

DOORS PANELLED INCLUDING FRAMES AND FITTINGS COMPLETE.

Doors C	2	3-6	7-6	53	
Total sft.	-----			------	53

DOORS BATTENED INCLUDING FRAMES AND FITTINGS COMPLETE

Doors D	2	3-0	6-6	39	
do. E	2	2-6	6-6	33	
Total sft.	-----			----	72

WINDOWS GLAZED INCLUDING FRAMES AND FITTINGS COMPLETE

Windows F.	15	3-6	4-6	236	
Do. G	8	1-3	4-6	45	
Total sft.	-----			------	281

TERRACE ROOFING WITH BRICK ON EDGE 3" CONCRETE 3 COURSES OF FLAT TILES TOP & BOTTOM LIME PLASTERED

Over side rooms in ground floor	2	8-0	14-6	232	
Over Store and Night urinal rooms	4	7-0	5-4½	151	
Total sft.	-----			------	383

ROOFING WITH MANGALORE TILES OVER FLAT TILES IMBEDDED IN LIME MORTAR INCLUDING TEAK REEPERS ETC. COMPLETE.

Over Dormitory and staircase rooms	2	75-3	10-9	1618	
Over front turrets	2	12-0	9-0	216	
Over rear turrets	2	9-3	9-0	167	
Over front and rear verandahs	4	30-6	10-6	1281	
Extra at roof ventilators	1	18-0	2-0	36	
Extra projections in front turrets	1	9-0	3-6	32	
Total sft. ------				-------	3.350

TERRACE FLOORING WITH BRICK ON EDGE 3" CONCRETE, ONE COURSE OF FLAT TILES AND BOTTOM LIME PLASTERED.

Over main room	2	29-0	14-6	841	
Over staircase rooms	1	9-0	4-6	41	
,, front turret	1	9-0	9-0	81	
,, rear turret	1	9-0	6-3	56	
,, corner turrets	4	7-0	5-0	140	
,, front & rear verandahs	4	29-0	5-6	638	
,, Balcony	1	8-0	2-6	20	
Total sft. -----				------	1817

PAVING WITH 8" SQR. BRICKS OVER 6" SAND AND POINTED IN CEMENT.

Ground floor

Main rooms	2	29-0	14-6	841
Side rooms	2	8-0	14-6	232
Staircase rooms	1	9-0	14-6	131
Front turret	1	9-0	9-0	81
Rear turret	1	9-0	6-3	56
Corner turrets	4	7-0	5-0	140
Front and rear verandahs	4	29-0	5-6	638

PAVING WITH 8" SQUARE TILES OVER 6" SAND AND POINTED IN CEMENT

Ground floor.-

Main rooms	2	29-0	14-6	841
Side rooms	2	8-0	14-6	232
Staircase rooms	1	9-0	14-6	131
Front turret	1	9-0	9-0	81
Rear turret	1	9-0	6-3	56
Corner turrets	4	7-0	5-0	140
Front and rear verandah	4	29-0	5-6	638
Cills of doors	1	66-6	1-1½	75
Cills of openings	1	170-0	1-6	255
Total sft	----			--------- 2449.

RAVING WITH CUDDAPAH SLABS OVER ½" LIME MORTAR AND POINTING WITH CEMENT

Over steps in front and rear	2	30-0	1-1	65
Total sft-				------- 65.

RENDERING WITH ½" CEMENT PLASTER

FIRST FLOOR.-

Dormitory	2	29-0	15-3	885
Staircase room	1	9-9	4-6	44
Front turret	1	9-9	9-4½	91
Rear turret	1	9-9	6-7½	65
Store and might wind rooms	4	7-0	5-4½	151
Front and rear verandah	4	29-0	5-10½	682
Balcony	1	8-0	2-6	20
Cills of doors	1	32-0	0-9	24
Cills of openings	1	110-0	1-1½	124

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Total sft ----- --------- 2086.

PLASTERING WITH TWO COATS OF LIME MORTAR

Ground floor.-

Main room walls	2	87-0		12-3	2132
Staircase rooms	1	47-0		12-3	576
do.	1	29-0		0-9	22
Side rooms	1	45-0		12-3	551
Front turret	1	36-0		12-3	441
Rear turret	1	30-6		12-3	374
Corner turrets	4	74-0		12-3	1176
Front and rear verandah walls	4	69-0		12-3	3381
Sides and soffits of doors A and C	18	18-6	1-1½		375
do. B	1	16-6	1-1½		19
Sides soffits and cills of windows F	2	16-0	1-1½		36
Sides of rectangular openings in staircase room	2	11-0	1-6		33
Sides and intrados of arch opening 6'-0" span	2	24-6	1-6		74
do. 6'-6" span	12	25-0	1-6		450
do. 4'-6" span	12	20-9	1-6		374
do. 3'-0" span	4	19-9	1-6		119
Exterior walls all round	1	261-6		13-0	3400
Basement wall all round	1	268-0		2-0	536
Sides of steps	1	15-0	area		15
Parapet walls	2	21-6	4-1½		177
Total sft,	-----				14261

Deduct for.-				
Doors A	16x2	3-6	7-6	840
do. B	1x2	3-6	6-6	46
Doors C	2x2	3-6	7-6	105
Windows F	2x2	v3-6	4-6	63
Archway rectangular portion 6'-0" span	2x2	6-0	7-6	180
do. 6'-6" span	12x2	6-6	7-3	1131
do. 4'-6" span	12x2	4-6	6-9	729
do. 3'-0" span	4x2	3-0	7-6	180
Rectangular opening in stair case room	1x2	9-0	11-0	198
Semi circular portion 6'-0" span	2x2	14.14 area		57
do. 6'-6" span	12x2	16.59 area		398
do. 4'-6" span	12x2	7.95 area		191
do. 3'-0" span	4x2	3.53 area		28
Total deductions sft----				4146
Net total sft -----				10115
FIRST FLOOR.-				
Dormitory	2	88-6	12-6	2213
Staircase room	1	50-0	12-6	625
Gable walls	2x2	15-3	2-6	153
do.	2	9-9	1-9	34
Front turret	1	38-3	11-6	440
Rear turret	1	32-9	11-6	377
Gables walls in do.	2	9-9	1-9	34
Store and night urinal rooms	4	24-9	9-0	891

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Front and rear verandah wall	4	29-0		12-0	1392
do.	4	7-0		10-6	294
Exterior of end walls of Dormitory	2	15-3		12-0	366
~~Extra portion~~ Extra portion	1	100.0	area		100
Extterior of front turret	1	31-0		10-6	326
Exterior of rear turret	1	27-6		10-6	289
Exterior of corner room	4	27-6		9-0	990
Extra in do.	1	105.23	area		105
Bedestals	1	385.00	area		385
Sides and soffits of doors A	6	18-6	0-9		83
do. D	2	16-0	0-9		24
do. E	2	15-6	0-9		23
Sides soffits and cills of windows F	13	16-0	0-9		156
do. G	8	11-6	0-9		69
Sides and soffits of openings	1	140-0	area		140
Total s ft ------					9509
Deduct for.-					
Doors A	6x2	3-6		7-6	315
do. B	2x2	3-0		6-6	78
do. E	2x2	2-6		6-6	65
Windows F	13x2	3-6		4-6	410
do. G	8x2	1-3		4-6	90
Rectangular opening in ffont and r ear verandahs	2x2	6-0		11-0	264
do. in stair case room	1x2	9-9		11-0	215
Archway rectangular portion in front and rear verandahs	4x2	4-6		5-9	207

do. semi circular portion	4x2	7.95	area		64
Total deductions sft---					1708
					7801
Net total sft-----					17916.
Total for First and Ground floors ----					

PAINTING TWO COATS

			Coefft		
Doors A	22	3-6	1½	7-6	1011
do. B	1	3-6	1½	6-6	40
do. C	2	3-6	2¼	7-6	118
do. D	2	3-0	2¼	6-6	88
do. E	2	2-6	2¼	6-6	73
Windows F	15	3-6	1	4-6	236
do. G	8	1-3	1	4-6	45
R.S.T. in main room	4	17-6		3-8	257
Total sft	----				1868.

WOOD OILING TWO COATS

Ground floor.-				
Joists over main room	9x2	31-6	1-6½	874
Joists over side rooms	9x2	9-6	1-4	228
Joists over staircase room	6	5-3	1-1	34
Joists over front turrets	6	10-6	1-6½	97
Joists over rear turrets	6	7-9	1-1	50
Joists over corner turrets	4x4	8-6	1-4	181
Joists over rear front and rear verandahs	20x4	7-0	1-1	607
First floor.-				
Joists in store and night urinal rooms	4x4	8-6	1-4	181

49

Tie beamsin Dormitory	4	17-6	1-4	93
Struts in do.	4x2	5-0	1-0	40
Principal rafters in do.	4x2	9-9	1-4	104
Principal hip rafters	4	13-0	1-8	87
Ridge piece	1	68-6	1-6½	106
Purlins	1	149-0	1-10	271
Common hip rafters	4	11-0	0-11	40
Valley rafters	4	9-3	0-11	34
Common and jack rafters over Dormitory and staircase rooms	46x2	10-9	0-9	742
Jack rafters at hipped portions	8x4	6-0	0-9	144
Rafters at sides	2x7	8-0	0-9	84
Hip rafters in front and rear turrets	4	11-9	0-11	43
Common and jack rafters in do.	36	9-0	0-9	243
Collars in do.	14	7-0	0-11	90
Bressummer in do.	2	8-0	1-4	21
Rafters for extra projection	7	3-6	0-11	22
Horizontals for brackets	2	4-0	0-10	7
Struts for do.	2	3-6	0-10	6
Purlins for do.	1	9-0	1-2	11
Bressummer in front and rear verandahs	4	31-6	1-8	210
Posts in do.	32	5-6	1-4	235
Struts for verandah posts posts	40	2-0	1-2	93
Verandah rafters	84	10-9	0-11	828
Cantilvers for balcony	2	3-9	1-10	13
Joists for do.	2	8-0	1-4	21

90

Total sft. -----					-------- 5840.
WOODEN SUNSHADES WITH NECES SARY SUPPORTS INCLUDING PAINTING ETC. COMPLETE					
Over doors A		2	6-6	3-6	46
Over windows F		2	6-6	3-6	46
	Total sft-				------- 92.
BOXING THE ROLLED STEEL JOISTS WITH EXPANDED METAL AND LIME MORTAR.					
Over openings in staircase room		1	9-0		9
do.		1	9-9		10
	Total Rft-				------- 19.
BRICK NOGGED PARTITIONS IN CLUDING FRAMES DOORWAYS AND PLASTERING ETC. COMPLETE					
In night urinal rooms		2	5-4½	8-9	94
	Total sft----				------- 94.
WROUGHT IRON WORKS FOR TRUSSES--					------- L.S.
FINISHING THE EXTERIOR WALLS AS SHOWN ON DRAWING. -----					-------- L.S.
ZINC SHEETS FOR VALLEYS -----					------- 40 Rft.

B O Y S H O M E

8830 cft	Earthwork Excavation for foundations	6/0.	cft 1000	53
2971 cft	Filling in basement with earth	5/0	,,	15
2484 cft	Concrete broken brick in lime mortar	20/6	100	506
6030 cft	Brick in lime mortar (Foundations and basement)	27/0	,,	1628
6334 cft	Brick in lime mortar (Superstructure Ground floor)	28/8	,,	1805
2930 cft	Brick in clay(Superstructure First floor)	24/12	,,	725
1167 cft	Brick in lime mortar (Superstructure First floor)	30/8	,,	356
785 cft	Archwork brick in lime mortar Ground floor	30/8	,,	239
184 cft	do. First floor	32/8	,,	60
180 Rft	Band string course including plastering complete	0/2	Rft	23
30 cft	Cut stone work	2/0	cft	60
1.26 tons	Rolled steel girders including hoisting and setting	300/-	Ton	378
463.43 cft	Timber wrought and put up (Countrywood)	3/12	cft	1738
120 sft	Wooden stairs case with necessary supports and hand rails including wax polishing etc. complete	2/8	sft	300
100 Rft	Wooden hand rails including painting etc. complete	1/0	Rft	100
20 sft	Fixed venetianed louvres with frames including painting etc. complete	1/2	sft	23

601 sft	Doors 1/3 panelled and 2/3 glazed including frames and fittings complete	1/4	sft	751
53 sft	Doors panelled including frames and fittings complete	1/4	sft	66
72 sft	Doors battened including frames and fittings complete	1/3	sft	86
281 sft	Windows glazed including frames and fittings complete	1/2	sft	316
383 sft	Terrace roofing with brick on edge 3" concrete 3 courses of flat tiles top and bottom lime plastered	43/11	sft 100	167
3350 sft	Roofing with Mangalore tiles over flat tiles imbedded in lime mortar including teak reepers etc. complete	24/12	..	829
1817 sft	Terrace flooring with brick on edge 3" concrete one course of flat tiles and bottom lime plastered	30/0	..	545
2449 sft	Paving with 8" square ~~xxxx~~ bricks over 6" sand and pointing with cement	13/0	..	318
65 sft	Paving with Cuddapah slabs over 8" lime mortar and pointing with cement	21/0	..	14
2086 sft	Rendering with ½" cement plaster	6/8	..	136
17916 sft	Plastering with 2 coats of lime mortar	3/9	..	638
1868 sft	Painting two coats	2/8	..	47
5840 sft	Wood oiling two coats	1/2	..	66
92 sft	Wooden sunshades with necessary supports including painting etc. complete	1/0	sft	92

19 Rft	Boxing the Rolled steel joists with expanded metal and limemortar	1/8	Rft	29	
94 sft	Brick nogged partitions including frames doorways and plastering etc. complete	40/0	sft 100	38	
L.S.	Wrought ~~iron~~ iron works for trusses		L.S.	20	
L.S.	Finishing the ecterior walls as shewn on Drawing		L.S.	80	
40 Rft	Zinc sheet for valleys	0/8	Rft	20	
	T o t a l			12267	
	Contingencies at 5 %			622	
	Petty supervision at 2 ½ % ..			311	
	Total of estimate Rs.			------	13200

(Sd.) R. Jackson.
20-4-17
Architect.

A

54

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN.

LATRINE AND BATH ROOMS.

Enc 8
1687 w 6/17

CIETY FOR THE PROTECTION OF CHILDREN

FICATION TO ACCOMPANY THE ESTIMATE FOR LATRINE

AND BATH ROOMS ATTACHED TO THE HOME FOR BOYS

53

****

FOUNDATIONS

A depth of 3'-0" is provided in the quantities, the lower 1'-6" being of concrete broken brick in lime mortar and the rest being of country brick in lime mortar. The required depth and width of foundations may be settled locally according to the nature of the soil.

BASEMENT

Country brick in lime mortar 2'-0" high

SUPERSTRUCTURE

Country brick in mud except one foot on top of walls and round doors and windows which will be of country brick in lime mortar.

STONE WORK

Base stones for posts will be of dressed stone.

WOOD WORK

Jarrah wood.

DOORS AND WINDOWS

Country wood (Meyang)

FLOORING

Rendering with ½" cement over 4" concrete.

ROOFING

Plain Mangalore tiles on teak reepers.

FINISHING

Both interior and exterior walls will be plastered with lime mortar two coats.

All doors, windows and roof timbers will be painted with 2 coats of approved paint.

(Sd.) R. Jackson
20-4-17
Architect.

. small	2	5-0/2	1-1½	5-0/3	9
n wall in latrine	3	2-3	0-4½	5-0	12
do. Pilasters	4	0-9	0-9	5-0	11
Total-------					852

Deduct for.-

Door	2	3-0	1-1½	6-0	40
Windows	2x2	2-6	1-1½	4-6	51
Archwork as per details below					24
Brick in lime mortar as details below					219
Total deductions--					334
Net total cft-----					------ 518.

BRICK IN LIME MORTAR

SUPERSTRUCTURE

Top of wall all round	2	42-9	1-1½	1-0	108
Sides of doors	2	12-0	1-1½	1-0	27
Sides and sills of windows	2x2	13-6	1-1½	1-0	61
Screen wall	3	2-3	0-4½	5-0	12
do. pilasters	4	0-9	0-9	5-0	11
Total cft -----					------ 219.

A[illegible]WORK BRICK IN LIME
[illegible]AR

Over door	2	3-9	1-1½	1-1½	9
Over windows	2x2	3-0	1-1½	1-1½	15
Total cft---					--------- 24.

5

NE WORK					
ones for pillars	4	0-7	0-7	0-6	1
Total cft	-----				------- 1.
MBER WROUGHT AND PUT UP					
ommon rafters	2x20	7-6	0-2	0-3½	14.38
Collar pieces	2x10	6-0	0-2	0-3	5.00
Wall plate	4	17-3	0-3	0-4	5.75
Valley rafters	4	6-0	0-3	0-4	2.00
Rafters over passages	2x14	6-0	0-2	0-3½	8.16
Collar pieces	2x7	4-0	0-2	0-3	2.50
Bressummers	2x2	11-6	0-4	0-6	7.66
Posts	2x4	6-6	0-4	0-4	5 77
Cheek plates	2x8	1-0	0-4	0-1½	0.88
Total cft	----				------- 52.30.

COUNTRY WOOD PANELLED DOORS INCLUDING FRAMES AND FITTINGS ETC. COMPLETE

Doors	2	3-0		6-0	36
Total sft	----				-------- 36.

COUNTRY WOOD WINDOWS GLAZED INCLUDING FRAMES AND FITTINGS COMPLETE

Windows	4	2-6		4-6	45
Total sft	-----				-------- 45.

LEVELLING COURSE OF CONCRETE 4" THICK

Rooms	2	11-9	6-7½		156
Passages	2	4-9	10-0		95

58

Total sft -----				251.
RING WITH CEMENT ½" THICK				
	2	12-1½	7-0	170
assages	2	10-0	7-0	140
Sills of doors	2	3-0	1-1½	7
Total sft -----				317.
ROOFING WITH PLAIN MANGALORE TILES OVER TEAK REEPERS ETC.				
Over rooms	2	18-0	15-0	540
Over passage	2	10-0	12-0	240
Total sft -----				780.
PLASTERING WITH LIME MORTAR TWO COATS				
Interior.- Rooms	2	38-3	6-0	459
Gables	2x2	7-0/2	7-0/3	33
do.	2	*5-0/2	5-0/3	3
Sides of doors	2	15-0	1-1½	34
Sides of windows	4	14-0	1-1½	60
Exterior.- Rooms	2	47-3	7-6	709
Gables	2x2	9-3/2	9-3/3	57
do.	2	5-0/2	5-0/3	3
asement of room	2	41-9	2-0	167
do. of passage	4	10-0	2-0	80
Total ----				1608
Deduct for.-				
Door	2x2	*3-0	6-0	72

LATRINE AND BATH ROOM ATTACHED TO THE HOME, FOR BOYS

****

EARTHWORK

EXCAVATION FOR FOUNDATIONS

Room all round	2	42-9	3-0	3-0	770
Passage retaining wall	4	10-0	2-6	1-0	150
Total cft----					-------- 922½

FILLING IN BASEMENT WITH EARTH

Rooms	2	11-9	6-7½	1-6	276
Passage	2	10-0	4-9	1-6	143
Total cft--------					------- 417.

CONCRETE BROKEN BRICK IN LIME MORTAR

Rooms wall all round	2	42-9	3-0	1-6	385
Passage retaining wall	4	10-0	2-6n	0-9	75
Total cft -----					--------- 460

BRICK IN LIME MORTAR IN FOUNDATIONS AND BASEMENT

Room wall all round	2	42-9	1-10½	1-6	240
Passage retaining wall	4	10-0	1-6	0-9	45
Basement.- Room wall all round	2	42-9	1-6	2-0	257
Passages	4	10-0	1-1½	2-0	90
Total cft -----					--------- 632

BRICK IN MUD (SUPERSTRUCTURE)

Wall all round	2	42-9	1-1½	1-0	770
Gables	2x2	$\frac{8-1\frac{1}{2}}{2}$	1-1½	$\frac{8-1\frac{1}{2}}{3}$	50

60

Window	4x2	2-6		4-6	90
					162
Total deductions--					
Net total sft ----					1446.

PAINTING TWO COATS

Doors	2	3-0	2¼	6-0	81
Windows	4	2-6	1	4-6	345
Common rafters	2x20	7-6		0-9	225
Collar pieces	2x10	6-0		0-10	100
Valley rafters	4	6-0		0-11	22
Rafters over ppasage	2x14	6-0		0-9	126
Collar pieces	2x7	4-0		0-10	46
Bressummer	2x2	11-6		1-4	61
Posts	2x4	6-6		1-4	69
Cheek plates	2x8	1-0		0-3	4
Total sft ----					779.

CEMENT PLASTERING ½" THICK

Latrine and bath rooms wall all round	2	38-3		2-0	157
Sides of screen wall	3x2	3-0		5-0	90
Front	1	3-4½		5-0	17
Total sft ----					264.

LATRINE AND BATH ROOMS INCLUDING COVERED PASSAGE ATTACHED TO THE HOME FOR BOYS

*****

920 cft	Earthwork (Excavation)	6/0	cft 1000	6
417 cft	Filling in basement(with earth)	5/0	..	2
[illegible]t	Concrete broken brick in lime mortar	20/6	100	94
632 cft	Brick in lime mortar in foundations and basement	27/0	..	171
518 cft	Brick in mud (Superstructure)	22/12	..	118
219 cft	Brick in limemortar	28/8	..	62
24 cft	Archwork brick in lime mortar	30/8	..	7
1 cft	Cut stone work	2/0	cft	2
52.30 cft	Timber wrought and put up	3/12	..	196
36 sft	Country wood panelled door including frames and fittings etc. complete	1/3	sft	43
45 sft	Country wood window glazed including frames amd fittings etc. complete	1/2	sft	51
251 sft	Levelling course of concrete 4" thick	7/0	sft 100	18
317 sft	Rendering with cement ½" thick	6/8	..	21
780 sft	Roofing with plain Mangalore tiles over teak reepers etc.	19/0	..	148
1446 sft	Plastering with lime mortar 2 coats	3/9	..	52
779 sft	Painting 2 coats	2/8	..	19

264 sft	Cement plastering ½" thick	6/8	sft 100	17	
	T o t a l			1027	
	Contingencies at 5 %			50	
	Petty supervision at 2½ % ..			23	
	Total of estimate Rs.			------	1100

(Sd.) R. Jackson
20-4-17
A r c h i t e c t .

Exc 23
1687 (a) B

F

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

GIRLS HOME

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN.

GENERAL SPECIFICATION TO ACCOMPANY THE ESTIMATE FOR

GIRLS' HOME.

******

FOUNDATIONS

A depth of 4'-0" is provided in the estimate, the lower 1'-0" will be of concrete broken brick in lime mortar, the rest will be of brick in lime mortar.

BASEMENT

will be of brick in lime mortar 2'-0" high.

SUPERSTRUCTURE

All walls will be of brick in lime mortar in Ground floor and the walls in First floor will be of brick in clay except sides of doors and windows which will be of brick in lime mortar.

CUT STONE

Templates under girders, base stones of verandah posts will be of cut stone.

WOOD WORK

All roof and floor timbers will be of well seasoned jarrh wood.

ROOFING

Roof will be of Mangalore tiles over flat tiles supported on teak reepers.

FLOORING

The floors of all rooms and verandahs will be of 8" square tiles over 6" sand and pointed with cement, the floor of first floors will be of Madras reduced terrace and rendered with ½" cement plaster.

DOORS AND WINDOWS

All doors and windows will be of country wood (Meyang)

FINISHING

All interior and exterior will be plastered with 2 coats of lime mortar.

Paint all the doors and windows with 2 coats of approved paint and all roof timbers with 2 coats of wood oil.

All wood work will be done in accordance with the standard specification of the Madras, ~~P.W.D.~~ P.W.D.

ARCHITECT.

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN.

GIRLS' HOME.

* *****

EARTHWORK

EXCAVATION FOR FOUNDATIONS

Main wall all round	1	136-0	4-6	4-0	2448
Cross walls in do.	2	11-6	4-6	4-0	414
Wall 3 sides of front turret	1	27-0	4-6	4-0	486
Wall 3 sides of rear turret	1	21-6	4-6	4-0	387
Wall round corner turrets	4	25-6	4-6	4-0	1836
Front and rear verandah walls	4	16-[illegible]	4-6	24-0	1170
Steps in front and rear	2	10-6	3-6	0-9	55
Total cft---					------- 6796.

FILLING IN BASEMENT WITH EARTH

Main rooms	2	18-10½	14-1½	1-6	800
Staircase room	1	14-1½	8-7½	1-6	183
Front turret	1	8-7½	8-7½	1-6	112
Rear turret	1	8-7½	5-10½	1-6	76
Corner turrets	4	6-7½	4-7½	1-6	184
Front and rear verandahs	4	18-10½	5-1½	1-6	580
Total cft-					-------- 1935.

CONCRETE BROKEN BRICK IN LIME MORTAR

Main wall all round	1	136-0	4-6	1-0	612
Cross walls in do.	2	11-6	4-6	1-0	104
Wall 3 sides of front turret	1	27-0	4-6	1-0	122
Wall 3 sides of rear turret	1	21-6	4-6	1-0	97
Wall round corner turrets	4	25-6	4-6	1-0	459

Front & rear verandah walls.	4	16-3	4-6	1-0	293	
Steps in front and rear	2	10-6	3-6	0-9	55	
Total cft-----					-------	1742.

BRICK IN LIME MORTAR (FOUNDATIONS AND BASEMENT)

FOUNDATIONS. 1st footing.-

Main wall all round	1	136-0	3-0	1-0	408
Cross wall in do.	2	13-0	3-0	1-0	78
Wall 3 sides of front turret	1	28-6	3-0	1-0	86
Wall 3 sides of rear turret	1	23-0	3-0	1-0	69
Wall round corner turrets	4	27-0	3-0	1-0	324
Front and rear verandah walls	4	17-9	3-0	1-0	213

2nd footing .-

Main wall all round	1	136-0	2-7½	1-0	357
Cross walls in do.	2	13-4½	2-7½	1-0	70
Wall 3 sides of front turrets	1	28-10½	2-7½	1-0	76
Wall 3 sides of rear turrets	1	23-4½	2-7½	1-0	61
Wall round corner turrets	4	27-4½	2-7½	1-0	287
Front and rear verandah walls	4	18-1½	2-7½	1-0	190

3rd footing.-

Main wall all round	1	136-0	2-3	1-0	306
Cross walls in do.	2	13-9	2-3	1-0	62
Wall 3 sides of front turrets	1	29-3	2-3	1-0	66
Wall 3 sides of reat turrets	1	23-9	2-3	1-0	53
Wall round corner turrets	4	27-9	2-3	1-0	250
Front and rear verandah walls	4	18-6	2-3	1-0	167

Basement.-

Main wall all round	1	136-0	1-10½	2-0	510
Cross walls in do.	2	14-1½	1-10½	2-0	106

68

Wall 3 sides of front turret	1	29-7½	1-10½	2-0	111
Wall 3 sides of rear turrets	1	24-1½	1-10½	2-0	90
Wall round corner turrets	4	28-1½	1-10½	2-0	422
Front and rear verandah walls	4	18-10½	1-8½	2-0	255
Pilasters in front and rear verandah walls	1	26- 0	0-2½	2-0	10
Steps in front and rear	2	26.00	Vol.		52
Total cft-					--------- 4679.

BRICK IN LIME MORTAR (SUPER-STRUCTURE)

Ground floor.-

Main wall all round	1	136-0	1-6	13-0	2652
Cross walls in do.	2	14-6	1-6	13-0	566
Wall 3 sides of front turrets	1	30-0	1-6	13-0	585
Wall 3 sides of rear turrets	1	24-6	1-6	13-0	478
Wall round corner turrets	4	28-6	1-6	13-0	2223
Front and rear verandah walls	4	19-3	1-6	13-0	1502
Total cft -----					-------- 8006 --------

Deduct for.-

Doors A	8	3-6	1-6	7-6	315
do. B	1	3-6	1-6	6-6	34
Windows E	2	3-6	1-6	4-6	47
Archway rectangular portion 6'-0" span	2	6-0	1-1½	7-6	101
Archway rectangular portion 6'-6" span	8	6-6	1-1½	7-3	424
do. 4'-6" span	8	4-6	1-6	6-9	365
do.	4	4-6	1-1½	6-9	137
do. 3'-0" span	4	3-0	1-1½	7-6	101

Rectangular opening in staircase room	1	9-0	1-6	11-0	149
Semi circular portion 6'-0" span	2	14.14	area	1-1½	32
do. 6'-6" span	8	16.59	area	1-1½	149
do. 4'-6" span	8	7.95	area	1-6	95
do.	4	7.95	area	1-1½	36
do. 3'-0" span	4	3.53	area	1-1½	16
Recess in exterior walls	1	94-0	0-4½	13-0	458
Templates under girders	4	1-6	1-6	0-6	5
Archwork as per details below cft					602

Total deductions cft-----					3066

Net total cft----					4940.

BRICK IN CLAY (SUPERSTRUCTURE)

First floor.-

Wall round Dormitory	1	136-0	1-1½	12-6	1913
Cross walls in do.	2	15-3	1-1½	12-6	429
Gables in do.	2	16-4½	1-1½	2-9	101
do.	2	10-10½	1-1½	1-9	43
Front turret walls	1	30-9	1-1½	11-0	381
Rear turret walls	1	25-3	1-1½	11-0	312
Corner turret walls	4	28-1½	1-1½	9-6	1202
Extra in do.	4	5- 0	1-1½	4-0	90
Pedestals in front and rear verandahs	8	3-0	1-1½	3-0	81
Pilasters in exterior walls	1	36-0	0-4½	8-0	108

Total cft----					4660

Deduct for.-					
Doors A	4	3-6	1-1½	7-6	118
do. C	2	3-0	1-1½	6-6	44
do. D.	2	2-6	1-1½	6-6	37
Windows E	11	3-6	1-1½	4-6	195
do. F	8	1-3	1-1½	4-6	51
Rectangular opening in front and rear verandahs	2	6-0	1-1½	11-0	149
Rectangular openings in stair case room	1	9-9	1-1½	11-0	121
Archway rectangular portion in front and rear verandah	4	4-6	1-1½	5-9	116
do. semi circular portion	4	7.95	area	1-1½	36
Templates under trusses	4	1-6	1-1½	0-6	3
Archwork as per details below cft					162
Brick in lime mortar as per details below cft					1017
Total deductions cft--					2049
Net total cft-----					2611.

BRICK IN LIME MORTAR (SUPER STRUCTURE)

First floor.-					
Top of Dormitory walls	1	136-0	1-1½	1-0	153
Cross walls	2	16-6	1-1½	1-0	37
Front turret walls	1	24-9	1-1½	1-0	28
Rear turret walls	1	19-3	1-1½	1-0	22
Corner turret walls	4	28-1½	1-1½	1-6	190
Extra in do.	4	8-0	1-1½	1-0	36
Pedestals in front and rear verandahs	8	3-0	1-1½	1-0	27

Sides of doors A	4	16-0	1-1½	1-0	72	
do. C	2	14-0	1-1½	1-0	32	
do. D	2	14-0	1-1½	1-0	32	
Around windows E	11	15-6	1-1½	1-0	192	
do. F	8	13-3	1-1½	1-0	119	
Sides of rectangular openings	2	11-0	1-1½	1-0	25	
Sides of arch openings	4x2	5-9	1-1½	1-0	52	
Total cft	-----				--------	1017.

ARCHWORK BRICK IN LIME MORTAR

Ground floor.-

Over doors A	8	4-4½	1-6	1-6	79	
do. B	1	4-4½	1-6	1-6	10	
Over windows E	2	4-4½	1-6	1-6	20	
Arch opening 6'-0" span	2	11-9	1-1½	1-6	40	
do. 6'-6" span	8	12-6	1-1½	1-6	169	
do. 4'-6" span	8	9-6	1-6	1-6	171	
do.	4	9-6	1-1½	1-6	64	
do. 3'-0" span	4	7-3	1-1½	1-6	49	
Total cft	----				-------	602.

ARCHWORK BRICK IN LIME MORTAR

First floor .-

Over doors A	4	4-4½	1-1½	1-1½	22
do. C	2	3-9	1-1½	1-1½	9
do. D	2	3-1½	1-1½	1-1½	8
Over windows E	11	4-4½	1-1½	1-1½	61
do. F	8	1-9	1-1½	1-1½	18
Arch opening in front and rear verandahs	4	8-9	1-1½	1-1½	44

Total cft ----					162.

BAND STRING COURSE INCLUDING PLASTERING COMPLETE

Main building all round	1	100-0			100
Total Rft--					100.

CUT STONE WORK

Templates under girders	4	1-6	1-6	0-6	5
Templates under trusses	4	1-6	1-11½	0-6	3
Base stones for posts	8	3-0	1-1½	0-4	9
Total cft					17.

ROLLED STEEL GIRDERS INCLUDING HOISTING AND SETTING

In main rooms (12" x 5")	2	17-6	@ 32 lbs.	1120
Over openings in staircase rooms (6" x 3") in ground & first floor.	2x2	12-0	x 12 lbs.	576
Total lbs. ---				1696 or 0.76 tons.

COUNTRY WOOD WROUGHT AND PUT UP

Ground floor.-					
Joists over main room	9x2	21-3	0-2½	0-8	53.13
Joists over staircase room	6	5-3	0-2	0-5½	2.41
Joists over front turrets	6	10-6	0-2½	0-8	8.75
Joists over rear turrets	6	7-9	0-2	0-5½	3.55
Joosts over corner turrets	4x4	8-6	0-2	0-7	13.22
Joists over front and rear verandahs	13x4	7-0	0-2	0-5½	27.81
First floor.-					
Joists in store and night urinal room	4x4	8-6	0-2	0-7	13.22

Tie beams in Dormitory	2	17-6	0-3	0-5	3.65
Struts in do.	2x2	5-0	0-3	0-3	1.25
Principal rafters	2x2	9-9	0-3	0-5	4.06
Principal hip rafters	4	13-0	0-4	0-6	8.67
Ridge piece in Dormitory	2	18-0	0-3	0-9	6.75
do. in staircase room	1	11-0	0-2½	0-8	1.53
Purlins in Dormitory	2	42-0	0-4	0-8	18.67
Purlins in staircase room	2	11-0	0-4	0-7	4.28
Common hip rafters in Dormitory	4	11-0	0-2	0-4½	2.75
Valley rafters	4	9-3	0-2	0-4½	2.31
Common + jack rafters over Dormitory & Stair case room	2x34	10-9	0-2	0-3½	35.53
Jack rafters at hipped portions	8x4	6-0	0-2	0-3½	9.33
Rafters at sides	2x7	8-0	0-2	0-3½	5.44
Hip rafters in front and rear turrets	4	11-9	0-2	0-4½	2.94
Common and jack rafters in do.	36	9-0	0-2	0-3½	15.75
Collars in do.	14	7-0	0-2	0-3½	4.76
Bressummer in do.	2	8-0	0-3	0-5	1.67
Rafters for extra projection	7	3-6	0-2	0-3½	1.19
Horizontals for brackets	2	4-0	0-2	0-3	0-33
Struts for do.	2	3-6	0-2	0-3	0.29
Purlins for do.	1	9-0	0-3	0-4	0.75
Wall plates	1	180-0	0-3	0-4	15.00
Bressummer in front and rear verandahs	4	21-9	0-4	0-6	14.50
Posts in do.	24	5-6	0-4	0-4	14.67
Struts for verandah posts	24	2-0	0-6	0-2	4.00
Verandah rafters	56	10-9	0-2	0-4½	37.63
Cantilevers for Balcony	2	3-6	0-4	0-9	1.75

Joists for do.	2	8-0	0-2	0-7	1.56
Total cft-----					-------- 343.10.

WOODEN STAIRCASE WITH NECESSARY SUPPORTS AND HANDRAILS INCLUDING WAX POLISHING ETC. COMPLETE

Main stairs	1	40-0	3-0	120
Total sft---				----- 120.

WOODEN HANDRAILS INCLUDING PAINTING ETC. COMPLETE

In front and rear verandahs	1	70-0		70
Total Rft---				---- 70.

FIXED VENETIANED LOUVRES WITH FRAMES INCLUDING PAINTING ETC COMPLETE

At roof ends	2	$\frac{8-0}{2}$	2-6	20
Total sft ----				--------; 20.

DOORS 1/3PANELLED AND 2/3 GLAZED INCLUDING FRAMES AND FITTINGS COMPLETE

Doors A	12	3-6	7-6	315
do. B	1	3-6	6-6	23
Total sft---				--------- 338.

DOORS BATTENED INCLUDING FRAMES AND FITTINGS COMPLETE

Doors C	2	3-0	6-6	39
do. D	2	2-6	6-6	33
Total sft ----				------- 72.

WINDOWS GLAZED INCLUDING FRAMES AND FITTINGS COMPLETE

Windows E	13	3-6	4-6	205

Windows F	8	1-3	4-6	45	
Total sft-					----- 250.

ROOFING
TERRACE~~[illegible]~~ WITH BRICK ON EDGE 3" CONCRETE 3COURSES OF FLAT TILES AND BOTTOM LIME PLASTERED

Over store and night urinals rooms	4	7-0	5-4½	151	
Total sft --					---- 151.

ROOFING WITH MANGALORE TILES OVER FLAT TILES IMBEDDED IN LIME MORTAR INCLUDING TEAK REEPERS ETC. COMPLETE

Over Dormitory and staircase room	2	55-9	10-9	1199	
Over front turrets	2	12-0	9-0	216	
Over rear turrets	2	9-3	9-0	167	
Over front and rear verandahs	4	20-6	10-6	861	
Extra at roof ventilators	1	18-0	2-0	36	
Extra projection in front turrets	1	9-0	3-6	32	
Total sft-----					---- 2511.

TERRACE FLOORING WITH BRICK ON EDGE 3" CONCRETE ONE COURSE OF FLAT TILES AND BOTTOM LIME PLASTERED.

Over [illegible]in room	2	19-3	14-6	558
do. staircase room	1	9-0	4-6	41
do. front turret	1	9-0	9-0	81
do. rear turret	1	9-0	6-3	56
do. corner turret	4	7-0	5-0	140
do. front and rear verandahs	4	19-3	5-6	424
do. balcony	1	8-0	2-6	20

76

Total sft ----- -------- 1320.

PAVING WITH 8" SQUARE BRICKS
OVER 6" SAND AND POINTED
IN CEMENT

Ground floor -				
Main rooms	2	19-3	14-6	558
Staircase room	1	9-0	14-6	131
Front turret	1	9-0	9-0	81
Rear turret	1	9-0	6-3	56
Corner turrets	4	7-0	5-0	140
Front and rear verandahs	4	19-3	5-6	424
Cills of doors	1	31-6	1-1½	35
Cills of openings	1	140-0	1-6	210
Total sft	----			--------- 1635.

RENDERING ½" CEMENT PLASTER
- First floor.

Dormitory	2	19-3	15-3	587
Staircase room	1	9-9	4-6	44
Front turret	1	9-9	9-4½	91
Rear turret	1	9-9	6-7½	65
Store rooms	2	7-0	5-4½	75
Front and rear verandahs	4	19-3	5-10½	452
Balc[illegible]	1	8-0	2-6	20
Cills of doors	1	25-0	0-9	19
Cills of openings	1	95-0	1-1½	107
Night urinal room	2	7-0	5-4½	75
Total sft-				---------- 1535.

PAVING WITH CUDDAPAH SLAB -
OVER ½" LIME MORTAR AND
POINTING WITH CEMENT

Over steps in front & rear	2	30-0	1-1	65

Total sft ----- --------- 65.

PLASTERING WITH TWO COATS OF LIME MORTAR.

Ground floor.-

Main room walls	2	67-6		12-3	1654
Staircase room	1	47-0		12-3	576
do.	1	29-0		0-9	22
Front turret	1	36-0		12-3	441
Rear turret	1	30-6		12-3	374
Corner turrets	4	24-0		12-3	1176
Front and rear verandah walls	4	49-6		12-3	2426
Sides and soffits of doors A	8	18-6	1-1½		167
do. B	1	16-6	1-1½		19
Sides soffits and cills of windows E	2	16-0	1-1½		36
Sides of rectangular openings in staircase room	2	11-0	1-6		33
Sides and intrados of arch opening 6'-0" span	2	24-6	1-6		74
do. 6'-6" span	8	25-0	1-6		300
do. 4'-6" span	12	20-9	1-6		374
do. 3'-0" span	4	19-9	1-6		119
Exterior walls all round	1	240-6		13-0	3127
Basement wall all round	1	245-7½		2-0	491
Sides of steps	1	15.00	area.		15

Total sft-----					11424

Deduct for.-

Doors A	8x2	3-6	7-6	420
do. B	1x2	3-6	6-6	46
Windows E	2x2	3-6	4-6	63

Archway rectangular portion 6'-0" span	2x2	6-0		7-6	180
Archway rectangular portion 6'-6" span	8x2	6-6		7-3	754
do. 4'-6" span	12x2	4-6		6-9	729
do. 3'-0" span	4x2	3-0		7-6	180
Rectangular opening in stair case room	1x2	9-0		11-0	198
Semicircular portion 6'-0" span	2x2	14.14	area		57
do. 6'-6" span	8x2	16.59	area		265
do. 4'-6" span	12x2	7.95	area		191
do. 3'-0" span	4x2	3.53	area		28
Total deductions sft----					3111
Net total sft-----					8313

FIRST FLOOR.-

Dormitory	2	69-0	12-6	1725
Staircase room	1	50-0	12-6	625
Gable walls	2x2	15-3	2-6	153
do.	2	9-9	1-9	34
Front turret	1	38-3	11-6	440
Rear turret	1	32-9	11-6	377
Gable walls	2	9-9	1-9	34
Store and night urinal rooms	4	24-9	9-0	891
Front and rear verandahs walls	4	19-3	12-0	924
do.	4	7-0	10-6	294
Exterior of front turrets	1	31-0	10-6	326
Exterior of rear turrets	1	27-6	10-6	289
Exterior of corner rooms	4	27-6	9-0	990

Extra in do.	1	105.23	area		105
Pedestals	1	257.00	area		257
Sides and soffits of doors A	4	18-6	0-9		56
do. C	2	16-0	0-9		24
do. D	2	15-6	0-9		23
Sides soffits and cills of windows E	11	16-0	0-9		132
do. F	8	11-6	0-9		69
Sides and soffits of openings ~~of~~	1	140.00	area		140
Exterior of end walls of Dormitory	2	15-3		12-0	366
Extra portion	1	100.00	area		100
Total sft	-----				-8374
Deduct for.-					
Doors A	4x2	3-6		7-6	210
do. C	2x2	3-0		6-6	78
do. D	2x2	2-6		6-6	65
Windows E	11x2	3-6		4-6	347
do. F	8x2	1-3		4-6	90
Rectangular openings in front and rear verandah	2x2	6-0		11-0	264
Rectangular opening in staircase room	1x2	9-9		11-0	215
Archway rectangular portion in front and rear verandahs	4x2	4-6		5-9	207
do. semi circular portion	4x2	7.95	area		64
Total deductions sft--					1540
Net total sft					6834

Tot[illegible] for Ground and First floors sft--					------- 15147.
PAINTING TWO COATS				Coefft	
Doors A	12	3-6	1½	7-6	551
do. B	1	3-6	1½	6-6	40
do. C	2	3-0	2¼	6-6	88
do. D	2	2-6	2¼	6-6	73
Windows E	13	3-6	1	4-6	205
do. F	8	1-3	1	4-6	45
R.S.J. in main room	2	17-6		3-8	128
Total sft ----					---------- 1130.
WOOD OILING TWO COATS					
Ground floor.-					
Joists in main room	9x2	21-3		1-6½	590
Joists in staircase room	6	5-3		1-1	34
Joists in front turrets	6	10-6		1-6½	97
Joists in rear turrets	6	7-9		1-1	50
Joists in corner turrets	4x4	8-6		1-4	181
Joists in front and rear verandahs	13x4	7-0		1-1	394
First floor.-					
Joists in store and night urinal room	4x4	8-6		1-4	181
Tie beams in Dormitory	2	17-6		1-4	47
Struts in do.	2x2	5-0		1-0	20
Principal rafters	2x2	9-9		1-4	52
Principal hip rafters	4	13-0		1-8	87
Ridge piece in Dormitory	2	18-0		1-9	63
do..in staircase room	1	11-0		1-6½	17

Purlins in Dormotory	2	42-0	2-0	168
Purlins in staircase room	2	11-0	1-10	40
Common hip rafters in Dormitory	4	11-0	0-11	40
Valley rafters.	4	9-3	0-11	34
Common and jack rafters over Dormitory and staircase room	2x34	10-9	0-9	548
Jack rafters at hipped portion	8x4	6-0	0-9	144
Rafters at sides	2x7	8-0	0-9	84
Hip rafters in front and rear turrets	4	11-9.	0-11	43
Common and jack rafters in do.	36	9-0	0-9	243
Collars in do.	14	7-0	0-11	90
Bressummer in do.	2	8-0	1-4	21
Rafters for extra projection	7	3-6	0-9	18
Horizontals for brackets	2	4-0	0-10	7
Struts for do.	2	3-6	0-10	6
Purlins for do.	1	9-0	1-2	11
Bressummer in front and rear verandah	4	21-9	1-8	145
Posts in do.	24	5-6	1-4	176
Struts for verandah posts	24	2-0	1-2	56
Verandah rafters	56	10-9	0-11	552
Cantilevers for balcony	2	3-6	2-2	15
Joists for do.	2	8-0	1-4	21
Total sft -----				4275.

COUNTRY WOODEN SUNSHADES WITH NECESSARY SUPPORTS INCLUDING POINTING ETC? COMPLETE

Over windows E	4	6-6	3-6	91

92

Total sft -----				--------- 91.

BOXING THE ROLLED STEEL JOISTS WITH EXPANDED METAL AND LIME MORTAR.

Over openings in staircase room	1	9-0		9
do.	1	9-9		10
Total Rft-				------- 19.

BRICK NOGGED PARTITIONS IN CLUDING FRAMED DOORWAYS AND PLASTERING ETC? COMPLETE

In night urinal room	2	5-4½	8-9	94
Total sft---				--------- 94.

WROUGHT IRON WORKS FOR TRUSSES ---- ------- L.S.

FINISHING THE EXTERIOR WALLS AS SHOWN IN DRAWING ----- -------- L.S.

ZINC SHEET FOR VALLEYS ----- -------- 40 Rft.

Compd.
Pad.
2-6-17

GIRLS HOME

6796 cft	Earthwork Excavation for foundations	6/0	cft 1000	41
1935 cft	Filling in basement with earth	5/0	..	10
1742 cft	Concrete broken brick in lime mortar	20/6	100	355
4679 cft	Brick in lime mortar (Foundations and basement)	27/0	..	1263
4940 cft	Brick in lime mortar(Superstructure Ground floor)	28/8	..	1408
2611 cft	Brick in clay (Superstructure First floor)	24/12	..	646
1017 cft	Brick in limemortar mortar Superstructure First floor	30/8	..	310
602 cft	Archwork brick in limemortar Ground floor	30/8	..	184
162 cft	Archwork brick in lime mortar First floor	32/8	..	53
100 Rft	Band string course including plastering complete	0/2	Rft	13
17 cft	Cut stone work	2/0	cft	34
0.76 tons	Rolled steel girders including hoisting and setting	300/-	Ton	228
343.10 cft	Timber wrought and put up (Country wood)	3/12	cft	1287
120 sft	Wooden staircase with necessary supports and hand rails including wax polishing etc. complete	2/8	sft	300
70 Rft	Wooden hand rails including painting etc. complete	1/0	Rft	70

20 sft	Fixed venetianed louvres with frames including painting etc complete	1/2	sft	23
338 sft	Doors 1/3 panelled and 2/3 glazed including frames and fittings complete	1/4	sft	423
72 sft	Doors battened including frames and fittings complete	1/3	sft	86
250 sft	Windows glazed including frames and fittings complete	1/2	sft	281
151 sft	Terrace roofing with brick on edge 3" concrete 3 courses of flat tiles top and bottom lime plastered	43/11	sft 100	66
2511 sft	Roofing with Mangalore tiles over flat tiles imbedded in lime mortar including teak reepers etc. complete	24/12	,,	621
1320 sft	Terrace flooring with brick on edge 3" concrete 1 course of flat tiles and bottom lime plastered	30/0	,,	396
1635 sft	Paving with 8" square brick over 6" sand and pointing with cement	13/0	,,	213
65 sft	Paving with Cuddapah slabs over ½" lime mortar and pointing with cement	21/0	,,	14
1535 sft	Rendering with ½" cement plaster	6/8	,,	100
15147 sft	Plastering with 2 coats of lime mortar	3/9	,,	540
1130 sft	Painting two coats	2/8	,,	28
4275 sft	Wood oiling two coats	1/2	,,	48

91 sft	Wooden sunshades with necessary supports including painting etc. complete	1/0	sft	91
19 Rft	Boxing the Rolled steel Joists with expanded ~~xxx~~ metal and lime mortar	1/8	Rft	29
94 ft	Brick nogged partitions including frames doorways and plastering etc. complete	40/0	sft 100	38
L.S.	Wrought iron works for trusses		L.S.	10
L.S.	Finishing the exterior walls a shewn in Drawing		L.S.	50
40 Rft	Zinc sheet for valleys	0/8	Rft	20
	T o t a l			9279
	Contingencies at 5 % ..			467
	Petty supervision at 2 ½ % ..			234
	Total of estimate Rs.		------	9980

Architect.

Compd.
P.d.S.
8.6.17.

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THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN.

LATRINE AND BATH ROOMS FOR GIRLS.

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN.

GENERAL SPECIFICATION TO ACCOMPANY THE ESTIMATE

FOR LATRINE AND BATH ROOMS ATTACHED TO GIRLS HOME

****

FOUNDATIONS

A depth of 3'-0" is provided in the quantities, the lower 1'-6" being of concrete broken brick in lime mortar and the rest being of country brick in lime mortar. The required depth and width of foundations may be settled locally according to the nature of the soil.

BASEMENT

Country brick in lime mortar 2'-0" high.

SUPERSTRUCTURE

Country brick in mud except one foot on top of walls and round doors and windows which will be of country brick in lime mortar.

STONE WORK

Base stones for posts will be of dressed stone.

WOOD WORK

Jarrah wood.

DOORS AND WINDOWS

Country wood (Meyang)

FLOORING

Rendering with ½" cement over 4" concrete.

ROOFING

Plain Mangalore tiles on teak reepers.

FINISHING

Both interior and exterior walls will be plastered with lime mortar two coats.

All doors, windows and roof timbers will be painted with 2 coats of approved paint.

Architect.

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

LATRINE AND BATH ROOM ATTACHED TO THE

HOME FOR GIRLS.

*****

EATHWORK

EXCAVATION FOR FOUNDATIONS

Room wall all round	2	36-6	3-0	3-0	657
Passage	4	10-0	2-6	1-6	150
Total cft----					--------- 807.

FILLING IN BASEMENT WITH EARTH

Rooms	2	8-7½	6-7½	1-6	171
Passage	2	10-0	4-9	1-6	143
Total cft----					------- 314.

CONCRETE BROKEN BRICK IN LIME MORTAR.

Room wall all round	2	36-6	3-0	1-6	329
Passage	4	10-0	2-6	0-9	75
Total cft ----					-------- 404.

BRICK IN LIME MORTAR (IN FOUNDATIONS AND BASEMENT)

Room wall all round	2	36-6	1-10½	1-6	205
Passage retaining wall	4	10-0	1-6	0-9	45
Basement. Room wall all round	2	36-6	1-6	2-0	219
Passage	4	10-0	1-1½	2-0	90
Total cft ----					---------- 559.

BRICK IN MUD (SUPERSTRUCTURE)

Wall all round	2	36-6	1-1½	8-0	657

Gables	2x2	$\frac{8-1\frac{1}{2}}{2}$	1-1½	$\frac{8-1\frac{1}{2}}{3}$	50
do. small	2	$\frac{5-0}{2}$	1-1½	$\frac{5-0}{3}$	9
Screen wall in latrine	2	2-3	0-4½	5-0	8
do. pillars	2	0-9	0-9	5-0	6
Total-------					730
Deduct for.-					
Door	2	3-0	1-1½	6-0	41
Windows	2 x2	2-6	1-1½	4-6	51
Archwork as per details below					24
Brick in lime mortar as per details below					184
Total deductions---					300
Net total cft -----					------ 430.

BRICK IN LIME MORTAR(SUPER STRUCTURE)

Top of walls all round	2	36-6	1-1½	1-0	82
Sides of rooms	2	12-0	1-1½	1-0	27
Sides sills of windows	2x2	13-6	1-1½	1-0	61
Screen wall	2	2-3	0-4½	5-0	8
do. pillars	2	0-9	0-9	5-0	6
Total cft--					--------- 184.

ARCHWORK BRICK IN LIME MORTAR

Over door	2	3-9	1-1½	1-1½	9
Over windows	4	3-0	1-1½	1-1½	15
Total cft-					--------- 24.

CUT STONE WORK

Base stones for pillars	4x2	0-7	0-7	0-6	1

Total cft ---- ---------- 1.

TIMBER WROUGHT AND PUT UP

Common rafters	2x18	7-6	0-2	0-3½	13.13
Collar pieces	2x9	6-0	0-2	0-3	4.50
Wall plates	2	14-0	0-3	0-4	2.33
Valley rafters	4	6-0	0-3	0-4	2.00
Rafters over passage	2x14	6-0	0-2	0-3½	8.16
Collar pieces	2x7	4-0	0-2	0-3	2.33
Bressummer	2x2	11-6	0-4	0-6	7.66
Posts	2x4	6-6	0-4	0-4	5.77
Cheek plate	2x8	1-0	0-4	0-1½	0.66

Total cft- -------- 46.54.

COUNTRY WOOD PANELLED DOORS INCLUDING FRAMES AND FITTINGS ETC. COMPLETE

Doors	2	3-0		6-0	36

Total sft- -------- 36.

COUNTRY WOOD WINDOWS GLAZED INCLUDING FRAMES AND FITTINGS ETC. COMPLETE

Windows	4	2-6		4-6	45

Total sft -------- 45.

LEVELLING COURSE OF CONCRETE 4" THICK

Rooms	2	8-7½	6-7½		114
Passages	2	4-9	10-0		95

Total sft --- ------- 209.

RENDERING WITH CEMENT ½" THICK

Rooms	2	9-0	7-0		126

Passage	2	7-0	10-0	140
Sills of doors	2	3-0	1-1½	7
Total sft-----				--------- 273.

ROOFING WITH PLAIN MANGALORE TILES OVER REEPERS ETC.

Over rooms	2	14-3	14-0	399
Over passage	2	10-0	12-0	240
Total sft -----				------- 639.

PLASTERING WITH LIME MORTAR TWO COATS

Interior rooms	2	32-0	6-0	384
Gables	2x2	$\frac{7-0}{2}$	$\frac{7-0}{3}$	33
do.	2	$\frac{5-0}{2}$	$\frac{5-0}{3}$	8
Sides of doors	2	15-0	1-1½	34
Side of windows	4	14-0	1-1½	63
Exterior. rooms	2	42-6	7-6	638
Gables	2x2	$\frac{9-3}{2}$	$\frac{9-3}{3}$	57
do.	2	$\frac{5-0}{2}$	$\frac{5-0}{3}$	8
Basement	2	37-0	2-0	148
do passage	4	10-0	2-0	80
Total	----			1453
Deduct for.-				
Door	2x2	3-0	6-0	72
Windows	4x2	2-6	4-6	90
Total deductions	----			162
Net total sft--				-------- 1291.

PAINTING TWO COATS

			Coefft.		
Doors	2	3-0	2¼	6-0	81
Windows	4	2-6	1	4-6	45
Common rafters	2x18	7-6		0-9	203
Collar pieces	2x9	6-0		0-10	90
Valley rafters	4	6-0		0-11	22
Rafters over passage	2x14	6-0		0-9	126
Collar piece	2x7	4-0		0-10	47
Bressummer	2x2	11-6		1-4	61
Posts	2x4	6-6		1-4	69
Cheek plates	2x8	1-0		0-3	4
	Total sft---				----- 748.

CEMENT PLASTERING ½" THICK

Rooms	2	32-0	2-0	128
Sides of screen wall	2x2	3-0	5-0	60
Front side	1	1-6	5-0	8
Minor portion				4
	Total sft---			---------- 200.

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

LATRINE AND BATH ROOMS ATTACHED TO THE HOME FOR GIRLS

****

807 cft	Earthwork Excavation	6/0	cft 1000	5
# 314 cft	Filling in basement with earth	5/0	,,	2
404 cft	Concrete broken brick in lime mortar	20/6	cft 100	82
559 cft	Brick in lime mortar in foundations and basement	27/0	,,	151
430 cft	Brick in mud (Superstructure)	22/12	,,	98
184 cft	Brick in lime mortar ,,	28/8	,,	52
24 cft	Archwork do.	30/8	,,	7
1 cft	Cut stone work	2/0	cft	2
46.54 cft	Timber wrought and put up	3/12	,,	175
36 sft	Country wood panelled doors with frames and fittings etc.	1/3	sft	43
45 sft	Country wood windows glazed with frames and fittings etc. complete	1/2	sft	51
209 sft	Levelling course of concrete 4" thick	7/0	sft 100	15
273 sft	Rendering with cement ½" thick	6/8	,,	18
639 sft	Roofing with plain Mangalore tiles over teakmreepers	19/0	,,	121
1291 sft	Plastering with lime mortar 2 coats	3/9	,,	46
748 sft	Painting 2 coats	2/8	,,	19
200 sft	Cement plastering	6/8	,,	13
	T o t a l		-----	900
	Contingencies at 5 % ..			46
	Petty supervision at 2 ½ % ..			24

	Total of estimate Rs.			970

Contd:
9-6-17

A r c h i t e c t.

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KITCHEN, STORE AND DINING HALL

DRAS SOCIETY FOR THE PROTECTION OF CHILDREN'S

GENERAL SPECIFICATION TO ACCOMPANY ETIMATE FOR GIRLS HOME.

FOUNDATIONS

A depth of 2'-6" is provided in the estimate, the lower 1'-0" will be of concrete broken brick in lime mortar and the rest will be of brick in lime mortar.

BASEMENT.

Will be of brick in lime mortar i'-6" high.

SUPERST UCTURE.

Walls throughout will be of country brick in clay except one foot on top of walls and round doors and windows which will be of country brick in lime mortar.

STONE WORK.

Templates under trusses will be of cut stone.

WOODWORK.

All roof timbers will be of well seasoned jarrah wood

DOORS AND WINDOWS.

All doors and windows will be of country wood(Meyan

ROOFING.

Roof over dining hall will be of Mangalore tiles imbedded in mortar over flat tiles.roof over kitchen and store will be of plain Mangalore tiles on teak reepers.

FLOORING.

All rooms will be rendered with ½"Portland cement over 4" concrete.

FINISHING.

All interior and exterior walls will be plastered with two coats of lime mortar.

All doors and windows will be painted with two coat of approved paint.

All roof timbers will be wood oiled two coats.

ARCHITECT

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN.

EARTHWORK EXCAVATION FOR FOUNDATION.					
Wall round dining hall	1	107-3	3-0	2-6	804
Exterior wall of kitchen and store	1	54-7½	3-0	2-6	410
Cross wall in do	1	10-1½	3-0	2-6	76
Wall at cooking place	1	8-6	3-0	2-6	64
Steps	4	6-0	2-0	0-9	36
Total .cft ..------					--------- 1390
FILLING IN BASEMENT WITH EARTH					
Dining hall	1	31-0	15-7½	1-2	565
Do	2	7-7½	2-0	1-2	36
Kitchen	1	11-7½	9-1½	1-2	124
Do	1	3-7½	2-6	1-2	11
Store	1	11-7½	7-7½	1-2	103
Total cft.-----					--------- 839
CONCRETE BROKEN BRICK IN LIME MORTAR					
Wall round dining hall	1	107-3	3-0	1-0	322
Exterior wall of kitchen and store	1	54-7½	3-0	1-0	164
Cross wall in do	1	10-1½	3-0	1-0	30
Wall at cooking place	1	8-6	3-0	1-0	26
Steps	4	6-0	2-0	0-9	36
Total cft-----					--------- 578
MASONRY BRICK IN LIME MORTAR					
FOUNDATIONS.					
Wall round dining hall	1	107-3	1-10½	1-6	302

Exterior wall of kitchen and store	1	55-9	1-10½	1-6	157
Cross wall in do	1	11-3	1-10½	1-6	32
Wall at cooking place	1	9-3	1-10½	1-6	26
BASEMENT					
Wall round dining hall	1	107-3	1-6	1-6	241
Exterior wall of kitchen and store	1	56-1½	1-6	1-6	126
Cross wall in do	1	11-7½	1-6	1-6	26
Wall at cooking place	1	9-7½	1-6	1-6	22
Steps in front	1	8.0	(Vol)		8
Steps at sides and rear	3	5-0	2-0	0-9	23
Total cft.-----					983
COUNTRY BRICK IN CLAY					
SUPERSTRUCTURE					
Wall round dining hall	1	107-3	1-1½	11-0	1327
Exterior wall of kitchen and store	1	56-6	1-1½	11-0	699
Cross wall in do	1	12-0	1-1½	11-0	149
Gables in do	3	13-1½	1-1½	2-3	100
Wall at cooking place	1	8-6	1-1½	11-0	105
Gables over do	1	8-6	1-1½	4-0	38
Side wall for do	1	1-6	1-1½	16-0	27
Total cft------					2445
Deduct for.-					
Doors A	7	4-0	1-1½	8-0	252
Do B	1	3-0	1-1½	7-0	24
Windows D	6	3-6	1-1½	4-6	106
Do E	4	2-6	1-1½	4-6	51
Do F	2	1-0	1-1½	4-6	10
Archway rectangular portion in chimneywall	1	4-0	1-1½	3-0	14
Do semi circular portion	1	6.28 (area)	1-1½		7

96

...ck in lime mortar as per ...tails below cft.					557
Archwork brick in lime mortar as per details below					111
Total deductions cft------					1132
Net total cft---					------ 1313.

COUNTRY BRICK IN LIME MORTAR ONE FOOT ON TOP OF WALLS AND ROUNDDOORS & WINDOWS

Wall round Dining hall	1	110-0	1-1½	1-0	124
Exterior wall of Kitchen and store	1	60-0	1-1½	1-0	68
Cross wall in do.	1	15-6	1-1½	1-0	17
Wall at cooking place	1	10-0	1-1½	1-0	11
Sides of doors A	7	17-0	1-1½	1-0	134
do. B	1	15-0	1-1½	1-0	17
Sides and cills of windows D	6	15-6	1-1½	1-0	105
do. E	4	14-6	1-1½	1-0	65
do. F	2	7-0	1-1½	1-0	16
Total cft ----					--------- 557.

ARCHWORK COUNTRY BRICK IN LIME MO...AR.

Over doors A	7	5-0	1-1½	1-1½	44
do. B	1	3-9	1-1½	1-1½	5
Over windows D	6	4-4½	1-1½	1-1½	33
do. E	4	3-1½	1-1½	1-1½	16
do. F	2	1-3	1-1½	1-1½	3
Semi circular arch in chimney wall	1	8-0	1-1½	1-1½	10

Total cft ----					------ 111.
[illegible] WORK					
[illegible]ates under trusses	4	1-6	1-1½	0-6	3
Total cft--					--------- 3.
COUNTRY WOOD WROUGHT AND PUT UP					
Tie beams	2	18-0	0-3	0-6	4.50
Principal rafters	4	10-6	0-3	0-6	5.25
Struts	4	5-3	0-3	0-3	1.31
Ridge piece	1	16-6	0-2½	0-8	2.29
	2	2-6	0-2	0-5½	0.38
Wall plate	1	96-0	0-3	0-3	6.00
Purlin	1	66-0	0-3	0-6	8.25
Hip rafters large	4	14-0	0-4	0-7	10.90
do. small	2	10-0	0-2	0-4½	1.25
Valley rafters large	2	13-0	0-2	0-4½	1.63
do. small	2	10-0	0-2	0-4½	1.25
Common and jack rafters	2x26	12-6	0-2	0-3½	31.60
Extra projections in front	26	2-6	0-2	0-3½	3.16
Ridge piece in kitchen and store	1	31-0	0-2½	0-8	4.31
[illegible]	2	25-0	0-3	0-3	3.13
[illegible] jack rafters	2x12	10-6	0-2	0-4½	15.75
[illegible] projections over A doors	2x4	2-6	0-2	0-4½	1.25
Purlin over brackets in front	1	14-0	0-2½	0-5	1.22
do. at sides	2	5-0	0-2	0-4½	0.63
Total cft--					========= 134.88

COUNTRY WOOD BRACKETS INCLUDING FIXING AND PAINTING COMPLETE

In front	4			4	
At sides	2x2			4	
		Total Nos.---		-------	8.

COUNTRY WOOD BATTEN DOORS INCLUDING FRAMES AND IRON FITTINGS COMPLETE

Doors A	7	4-0		8-0	224
do. B	1	3-0		7-0	21
	Total	----		---------	245.

COUNTRY WOOD BATTEN WINDOWS WITH IRON BARS INCLUDING FRAMES AND IRON FITTINGS COMPLETE

Windows D	6	3-6		4-6	95
do. E	4	2-6		4-6	45
do. F	2	1-0		4-6	9
	Total sft---				------- 149.

ROOFING WITH MANGALORE TILES IMBEDDED IN LIME MORTAR OVER FLAT TILES INCLUDING TEAK REEPERS

[illegible] dining hall in rear	1	37-0	12-6	463	
do. in front	1	37-0	15-0	555	
	Total sft-----			----------	1018.

ROOFING WITH PLAIN MANGALORE TILES ON TEAK REEPERS.

Over kitchen and store	2	22-6	10-6	473	
	Total sft---			------	473.

LEVELLING COURSE OF CONCRETE
4" THICK

Dining hall	1	31-0	15-7½	484
do.	2	7-7½	2-0	31
Kitchen	1	11-7½	9-1½	106
do.	1	3-7½	2-6	9
Store	1	11-7½	7-7½	89
Total sft---				--------- 719.

RENDERING WITH PORTLAND CEMENT
½" THICK

Dining hall	1	31-4½	16-0	502
do.	2	7-7½	2-0	31
Kitchen	1	12-0	9-6	114
do.	1	4-0	2-6	10
Store	1	12-0	8-0	96
Over steps	1	30.0	area	30
Cills of doors	1	30.00	area	30
Total sft --				--------- 813.

PLASTERING WITH LIME MORTAR
TWO COATS

Interior and Exterior.-

Dining hall	1	102-9	11-9	1207
Kitchen	1	48-0	11-9	564
Store	1	40-0	11-9	470
Gables	6	12-0	2-0	144
Exterior wall all round	1	153-9	11-0	1691
Sides and soffits of doors and windows etc.	1	350.0 ~~2350-0~~	area	350

100

Total sft.	---				4426
Deduct for.-					
Doors A	2x7	4-0		8-0	448
do. B	1x2	3-0		7-0	42
Windows D	2x6	3-6		4-6	189
do. E	2x4	2-6		4-6	90
do. F	2x2	1-0		4-6	18
Total deductions sft--					787
Net total sft--					3639.

PAINTING TWO COATS

			Coeff.		
Doors A	7	4-0	2¼	8-0	504
do. B	1	3-0	2¼	7-0	47
Windows D	6	3-6	3	4-6	284
do. E	4	2-6	3	4-6	135
do. F	2	1-0	3	4-6	27
Total sft---					997.

WOOD OILING TWO COATS

Tie beams	2	18-0	1-6	54
Principal rafters	4	10-6	1-6	63
Struts	4	5-3	1-0	21
Ridge piece	1	16-6	1-6½	25
do.	2	2-6	1-1	5
Purlin	1	66-0	1-6	99
Hip rafters large	4	14-0	1-6	84
do. small	2	10-0	0-11	18

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cy rafters large	2	13-0	0-11	24
do , small	2	10-0	0-11	18
Common and jack rafters	2x26	12-6	0-9	488
Extra projections in front	26	2-6	0-9	49
Ridge piece in kitchen and store	1	31-0	1-6½	48
Common and jack rafters	2x12	10-6	0-11	231
Extra projections over A doors	8	2-6	0-11	18
Purlins over brackets in front	1	14-0	1-3	18
do. at sides	2	5-0	1-1	11
Total sft	----		-------	1274.
ZINC SHEET FOR VALLEYS	Rft---		--------	50.
FORMING FIRE PLACE	----		------	L.S.
FINISHING UP THECHIMNEY	-----		--------	L.S.
WROUGHT IRON WORK FOR TRUSSES----			-------	L.S.

KITCHEN STORE AND DINING HALL.

****

1390 cft	Earthwork Excavation for foundations	6/0	cft 1000	8
83 cft	Filling in basement with earth	5/0	,,	4
378 cft	Concrete broken brick in lime mortar	20/6	100	118
963 cft	Country brick in lime mortar (Foundations and basement)	27/0	,,	260
1313 cft	Country brick in clay (Super structure)	22/12	,,	299
557 cft	Country brick in lime mortar (Superstructure)	28/8	,,	159
111 cft	Archwork country brick in lime mortar	30/8	,,	34
3 cft	Cut stone work	2/0	cft	6
104.06 cft	Country wood wrought and put up	3/12	,,	390
No.8	Country wood brackets including fixing and painting complete	5/0	each	40
245 sft	Country wood batten doors with frames and iron fittings complete	1/3	sft	291
149 sft	Country wood batten windows with iron bars including frames and iron fittings complete	1/12	,,	261

1018 sft	Roofing with Mangalore tiles inbedded in lime morter over flat tiles including teak reepers	24/12	sft 100	252
473 sft	Roofing with plain Mangalore tiles on teak reepers	19/0	,,	90
719 sft	Levelling course of concrete 4" thick	7/0	,,	50
813 sft	Rendering with Portland cement ½" thick	6/8	,,	53
3639 sft	Plastering with limemortar 2 coats	3/9	,,	130
997 sft	Painting 2 coats	2/8	,,	25
1274 sft	Wood oiling two coats	1/2	,,	14
50 Rft	Zinc sheet for valleys	0/6	Rft	19
L.S.	Forming fire place		L.S.	5
L.S.	Finishing up the chimney		L.S.	10
L.S.	Wrought iron work for trusses		L.S.	20
	T o t a l .. Rs.		-------- 2538	
	Contingencies ..		170	
	Petty supervision ..		92	
	Total of estimate Rs.		-------	2800.

A r c h i t e c t.

B

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THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN.

SUPERINTENDENT'S QUARTERS.

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THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN.

GENERAL SPECIFICATION TOØ ACCOMPANY ESTIMATE

FOR SUPERINTENDENT'S QUARTERS.

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*****

FOUNDATIONS

A depth of 3'-0" is provided in the estimate, the lower 1'-6" will be of concrete broken brick in lime mortar and the rest will be of brick in lime mortar.

BASEMENT

will be of brick in lime mortar 1'-6" high.

SUPERSTRUCTURE

All walls will be of brick in clay except sides of doors and windows and top of walls will be of brick in lime mortar.

WOOD WORK

All roof timbers will be of well seasoned Jarrah wood.

ROOFING

Roofing will be of Mangalore tiles over flat tiles supported on teak reepers.

FLOORING

All rooms paved with 8" square bricks over a levelling courrse of concrete 4" thick and pointed with cement.

DOORS AND WINDOWS

All doors and windows will be of Country wood (Meyang).

FINISHING

The interi[illegible]d exterior of walls

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All doors and windows will be painted 3 coats of approved paint and the roof timbers painted two coats.

All works will be done in accordance with the standard specification of the Madras P.W.D.

(Sd.) R. Jackson
20-4-17
Architect.

SUPERINTENDENT'S QUARTERS.

****

EARTHWORK

EXCAVATION FOR FOUNDATIONS

Front and rear walls of main rooms	2	28-0	3-0	3-0	504
Cross wall do.	1	10-1½	3-0	3-0	91
End walls do.	2	10-1½	3-4½	3-0	205
Exterior walls of Kitchen and store	2	17-10½	3-0	3-0	322
Side walls of passage	2	6-1½	2-7½	3-0	96
Front wall of verandah	1	28-0	3-4½	3-0	284
End walls of do.	2	0-7½	3-0	3-0	11
Buttresses	2	2-3	3-0	3-0	41
Retaining wall of passage	1	4-6	2-6	2-3	25
Walls of court yard	1	48-9	2-6	2-3	274
Steps in front	1	9-6	1-9	0-9	12
Total cft	-----				------ 1865.

FILLING IN BASEMENT WITH EARTH

Living room	1	13-1½	11-7½	1-8	254
Bed room	1	8-1½	11-7½	1-8	157
Kitchen and store	2	7-7½	7-7½	1-8	194
Passage	1	6-0	5-5½	1-8	54
Verandah	1	23-6	2-1½	1-8	[illegible]
Court yard	1	24-3	[illegible]		

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TE BROKEN BRICK IN
IME MORTAR

Fron[illegible]nd rear walls of main rooms	2	28-0	3-0	1-6	252
Cross wall do.	1	10-1½	3-0	1-6	46
nd walls do.	2	10-1½	3-4½	1-6	103
Exterior walls of kitchen and store	2	17-10½	3-0	1-6	161
Side wall of passage	2	6-1½	2-7½	1-6	48
Front wall of verandah	1	28-0	3-4½	1-6	142
End wall of do.	2	0-7½	3-0	0-6	6
Buttresses	2	2-3	3-0	1-6	20
Retaining wall of passage	1	4-10½	2-6	1-6	18
Walls of court yard	1	49-1½	2-6	1-6	184
Step in front	1	9-0	2-3¾	0-9	16
do. in rear	1	6-0	1-3¾	0-6	4
Total cft -----					-------- 1000.

COUNTRY BRICK IN LIME MORTAR
(FOUNDATIONS AND BASEMENT)

Foundations.-

[illegible] footing.-

[illegible]r walls of main [illegible]s	2	27-3	2-3	0-9	92
[illegible]s wall do.	1	10-10½	2-3	0-9	18
[illegible] wall do.	2	10-10½	2-7½	0-9	43
[illegible] walls of kitchen [illegible]store	2	17-10½	2-3	0-9	60
				0-9	19

ning wall of passage	1	* 5-7½	1-6	0-9	6
Wallsof court yard	1	49-10½	1-6	0-9	56
2nd footing.-					
Front and rear wall of main rooms	2	26-10½	1-10½	0-9	76
Cross wall do.	1	11-3	1-10½	0-9	16
End wall do.	2	11-3	2-3	0-9	38
Exterior walls of Kitchen and store	2	17-10½	1-10½	0-9	50
Side walls of passage	2	7-3	1-6	0-9	16
Front wall of verandah	1	26-10½	2-3	0-9	45
End wall of do.	2	1-9	1-10½	0-9	5
Buttresses	2	2-3	1-10½	0-9	6
Basement.-					
Front and rear walls of main rooms	2	26-6	1-6	1-6	119
Cross wall do.	1	11-7½	1-6	1-6	26
End walls do.	2	11-7½	1-10½	1-6	65
Exterior walls of Kitchen and store	2	17-10½	1-6	1-6	80
Side walls of passage	2	7-4½	1-1½	1-6	25
Front walls of verandah	1	26-6	1-10½	1-6	75
End wall of do.	2	2-1½	1-6	1-6	10
Buttresses	2	2-3	1-6	1-6	10
Retaining walls of passage	1	6-0	1-1½	1-6	10
Walls of court yard	1	50-3	1-1½	1-6	85
Step in front	1	12.50 cft			13
do. in rear	1	3.00 cft			3#
Total	-----				1134

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Deduct for.-

Extra at sill of door C	1	2-6	1-1½	1-0	23
Net total cft---					1131.

COUNTRY BRICK IN MUD

SUPERSTRUCTURE.-

Front and rear walls of main rooms	2	26-1½	1-1½	13-4½	786
Cross wall in do.	1	12-0	1-1½	13-9	186
Gable over do.	1	12-0 / 2	1-1½	4-0	27
End walls do.	2	12-0	1-6	13-6	486
Rear walls of kitchen and store	2	9-10½	1-1½	7-4½	164
End wall of do.	2	8-0	1-1½	7-9	140
Gable over do.	2	8-0 / 2	1-1½	5-3	47
Side walls of passage	2	8-0	0-9	7-9	93
Gables over do.	2	8-0 / 2	0-9	5-3	32
Front wall of verandah	1	26-1½	1-6	10-9	421
End walls	2	2-6	1-1½	11-3	63
Gable over do.	2	2-6 / 2	1-1½	1-9	5
Walls of yard omitting pillars	1	48-4½	0-9	5-0	181
Depression in front piers	2	2-6	0-2½	2-6	2
Total -----					2633

Deduct for.-

Doors A	3	3-6	1-1½	7-0	83
do. B	2	3-0	0-9	6-6	29
do. C	1	2-6	1-1½	5-0	14
Windows D	6	3-0	1-1½	4-6	91

Rub end walls of main rooms	2	11-3	0-4½	13-1½	111
do. in front wall of verandah (at centre)	1	16-0	0-4½	10-4½	62
do. at sides	2	1-3	0-4½	6-0	6
Arch opening in front wall of verandah(rectangular portion)	1	16-0	1-1½	1-0	18
do. semi circular portion	1	100.50 sft		1-1½	113
Rectangular opening in end walls of verandah	2	1-3	1-1½	4-6	13
Brick in lime mortar top courses of walls and sides of openings as detailed below					430
Archwork do.					85
Total deductions---					1055
Net total cft----					1578.

COUNTRY BRICK IN LIME MORTAR

SUPERSTRUCTURE

TOP COURSES OF WALLS

Front and rear wall of main rooms	2	26-1½	1-1½	1-0	59
Cross and end walls	3	12-0	1-1½	1-0	41
Rear walls of store and Kitchen	2	9-10½	1-1½	1-0	22
End walls of do.	2	8-0	1-1½	1-0	18
Side wallsof passages	2	8-0	0-9	100	12
Fmnt wall of verandah (central portion)	1	16-0	1-1½	1-0	18
do. end piers	2	5-¾	1-6	1-0	15
End wall of verandah	2	2-6	1-1½	1-0	6
Walls of yard omitting pillars	1	48-4½	0-9	1-0	36

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...es of openings.-

Doorways A	3x2	7-6	1-1½	1-0	51
do. B	2x2	7-0	0-9	1-0	21
Windows D	6	15-0	1-1½	1-0	101
Opening in end wall of verandah	2	13-3	1-1½	1-0	30
Miscellaneous.-					
Base of pillar at archway	2	1-6	1-6	2-6	11
Pillar portion above	2	1-1½	1-1½	5-6	14
Wall below brick jali work	2	3-0	1-1½	2-6	17
Pillars at door C	2	1-1½	1-1½	5-0	13
Buttressed	2	1-4½	1-1½	9-6	29

Total cft---- ---------- 514.

ARCHWORK COUNTRY BRICK IN LIME MORTAR

Over doors A	3	4-4½	1-1½	1-1½	17
do. B	2	3-9	0-9	1-1½	6
Windows D in main walls	4	3-9	1-1½	1-1½	19
do. in rear walls	2	3-9	1-1½	0-9	6
do. opening in side walls of verandah	2	1-6¾	1-1½	0-9	3
do. entrance opening	1	27-0	1-1½	1-1½	34

Total cft ----- ---------- 85.

BRICK JALI WORK

Below entrance opening	2	10.00 sft	20

Total sft ----- ------- 20.

CUT STONE WORK

Gudgeon pin stones for court yard door	4	1-3	0-8	0-6	2

Total cft ------ -------- 2.

COUNTRY WOOD WROUGHT AND PUT UP

Hip rafters (main rooms)	4	13-6	0-3	0-6	6.75
Collar pieces do.	8	8-0	0-2	0-3½	3.11
Couple rafters do.	2x8	8-6	0-2	0-4½	8.50
Jack rafters do.	13	10-6	0-2	0-4½	8.53
Bressummer (passage)	1	8-0	0-4	0-5	1.11
Rafters do.	4	10-6	0-2	0-4½	2.63
do. rear rooms	2x9	13-9	0-2	0-5½	18.91
do. in front verandah	21	7-9	0-2	0-3½	7.91
Wall plates	1	125-0	0-3	0-4	10.42

Total cft ---- ------ 67.87

COUNTRY WOOD DOORS BATTANED INCLUDING FRAMES AND FITTINGS COMPLETE

Doors A	3	3-6	7-0	74
do. B	2	3-0	6-6	39
do. C	1	2-6	6-0	15

Total sft ----- ---------- 128.

COUNTRY WOOD WINDOWS BATTENED WITH IRON BARS INCLUDING FRAMES AND FITTINGS COMPLETE

Windows D	6	3-0	4-6	81

Total sft----- ------- 81.

ROOFING WITH MANGALORE TILES IMBEDDED IN MORTAR OVER FLAT TILES ON TEAK REEPERS ETC. COMPLETE

Over main rooms	2	29-1½	10-6	612

passage	1	3-4½	8-0	27
do.rear rooms	2	12-10½	11-0	283
do. front verandah	1	29-1½	4-9	138
Total sft -----				---------- 1060.

LEVELLING COURSE OF CONCRETE
4" THICK

Living room	1	13-1½	11-7½	153
Bed room	1	8-1½	11-7½	94
Kitchen and store	2	7-7½	7-7½	116
Passage	1	6-0	5-5½	33
Verandah	1	23-6	2-1½	50
Total sft----				---------- 446.

FLOORING WITH 8" SQUARE
BRICKS AND POINTING WITH
CEMENT

Living room	1	13-6	12-0	162
Bed room	1	8-6	8-6	72
Kitchen and store	2	8-0	8-0	128
Passage	1	6-4½	6-9	43
Ve[illegible]	1	23-10½	2-6	60
Sill[illegible] doors A	3	3-6	0-9	8
do. B	2	3-0	0-9	5
do. C	1	2-6	0-9	2
do. entrance opening	1	7-0	1-8¼	12
Top of steps in front	1	9-0	2-0	18
do. in rear	1	6-0	1-0	6
Total sft----				------- 516.

PLA[illegible]NG WITH LIME MORTAR
COATS.

f do.	2	12-0	14-0	336
wall	2	12-0	13-9	330
	2	$\frac{12-0}{2}$	4-0	48
3 sides of Kitchen and store	2	24-0	17-9	372
ables	2x2	$\frac{8-0}{2}$	2-9	44
Main walls (rear side)	1	22-4½	13-0	291
do. front side	1	23-10½	13-0	310
Front wall of verandah	1	23-10½	11-1½	266
End walls	2	2-6	11-1½	56
Gables	2	$\frac{2-6}{2}$	1-10½	5
ound doors A	3	17-6	0-9	39
do. B	2	16-0	0-9	24
do. windows D	6	15-0	0-9	68
Around openingsin end wall of verandah	2	11-6	1-1½	26
Archway in front	1	28-0	1-1½	32
Pillars at entrance	2	4-6	5-6	50
Exterior.-				
Verandah walls	1.	34-10½	10-4½	362
Gable of end walls	2	$\frac{4-0}{2}$	2-7½	11
Sides of buttresses	2x2	1-9	9-6	67
End walls of main rooms	2	15-0	13-0	390
Walls of kitcheh and store	2	28-1½	7-0	394
Gables	2x2	$\frac{8-1½}{2}$	6-0	98
Walls of court yard(both sides)	2	48-4½	5-4½	52
Pillars at doors C	2	3-9	5-0	3

ent of main portions	1	120-0	1-6	180
court yard walls	2x1	48-0	1-6	144
Total	-----			5106

Deduct for.-

Doors A	2x3	3-6	7-0	147
do. B	2x2	3-0	6-6	78
do. C	2x1	2-6	6-0	30
Windows D	2x6	3-0	4-6	162
Openings in end wall of verandah	2x2	1-3	4-6	23
Arch opening at entranc	2x1	(86.50) sft		173
Total deductions---				613
Net total sft------				4493.

PAINTING THREE COATS

			Coefft		
Doors A	3	3-6	2¼	7-0	165
do. B	2	3-0	2¼	6-6	88
do. C	1	2-6	2¼	6-0	34
Windows D	6	3-0	2¾	4-6	223
Total sft-----					510.

PAINTING TWO COATS

Hip rafters	4	13-6	1-3	68
Collar pieces	8	8-0	0-9	48
Couple rafters	2x8	8-6	0-11	125
Jack rafters	13	10-6	0-11	125
Bressummer	1	8-0	1-6	12
Rafters in passage	4	10-6	0-11	39

116

. rear rooms	2x9	13-9		1-1	268
. in ont verandah	21	7-9		0-9	122

Total sft ----- --------- 807.

PROVIDING CHIMNEY IN KITCHEN ---- --------- L.S.

SUPERINTENDENT'S QUARTERS.

*****

	EARTHWORK			
1865 cft	Earthwork Excavation for foundations	6/0	cft 1000	11
§ cft	Filling in basement with earth	5/0	,,	4
	CONCRETE			
1000 cft	Concrete broken brick in lime mortar	20/6	cft 100	204
	BRICKWORK			
1131 cft	Country brick in lime mortar (Foundations and basement)	27/0	,,	305
1578 cft	Country brick in mud (Super structure)	22/12	,,	359
514 cft	Country brick in lime mortar (Superstructure)	28/8	,,	147
85 cft	Archwork brick in lime mortar	30/8	,,	26
20 sft	Brick jali work	27/0	sft 100	5
	STONE WORK			
2 cft	Cut stone work	2/0	cft	4
	WOOD WORK			
67.87 cft	Country wood wrought and put up	3/12	cft	255
	DOORS AND WINDOWS			
128 sft	Country wood doors battened including frames and fittings etc, complete	1/2	sft	144
8 sft	Country wood windows battened with iron bars including frames and fittings etc.complete	1/12	,,	142

ROOFING

sft	Roofing with Mangalore tiles imbedded in mortar over flat tiles on teak reepers complete	24/12	sft 100	262

FLOORING

⅔ 446 sft	Levelling course of concrete 4" thick	7/0	..	31
516 sft	Paving with 8" square ~~txx~~ bricks and pointing with cement	15/0	..	77

FINISHING

4493 sft	Plastering with lime mortar two coats	3/9	..	160
510 sft	Painting 3 coats	3/4	..	17
807 sft	Painting 2 coats	2/8	..	20

MISCELLANEOUS

L.S.	Providing chimney in kitchen		L.S.	10
	T o t a l			2183
	Contingencies at 5 %			111
	Petty supervision at 2 ½ % ..			56
	Total of estimate Rs.			2350

(Sd) R. Jackson
20-4-17
A r c h i t e c t.

Enc 25
1889 W/S

119

GT

GT

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

WORK SHOP

GENERAL SPECIFICATION TO ACCOMPANY THE ESTIMATE FOR WORKSHOPS AND STORE FOR THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN.

******

FOUNDATIONS

A depth of 3'-0" is provided in the estimate, the lower 1'-6" being of concrete broken brick in limemortar and the upper 1'-6" being of country brick in lime mortar. The required depth and and width of foundations will be settled locally according to the nature of soil.

BASEMENT

Country brick in lime mortar 1'-0" high.

SUPERSTRUCTURE

All walls will be of brick in clay according to the thicknesses shown upon the Drawing, except top courses of walls and around doors and windows which will be of brick in lime mortar.

STONE WORK

Templates undertrusses will be of cut stone.

WOOD WORK

All wood work will beo f well seasoned country wood.

DOORS

All doors will be of well seasoned country wood. Wire netting will be fixed in all openings in exterior walls.

ROOFING

The roofs will be of plain Mangalore tiles on teak reepers.

FLOORING

The floors will be paved with 8" square bricks over 6" sand and pointed in cement.

FINISHING

The interior and exterior of walls will be plastered with one coat of lime mortar.

All doors will be painted with 2 coats and the roof timbers will be wood oiled.

Architect.

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN.

WORKSHOPS AND STORES.

****

EARTHWORK

EXCAVATION FOR FOUNDATIONS					
Wall round workshop and store	1	114-9	3-0	3-0	1033
Cross wall in do.	1	14-1½	3-0	3-0	127
Pilasters in exterior	4	5-0	0-4½	3-0	23
Steps	2	7-6	2-3	0-6	17
Total cft -----					-------- 1200.
FILLING IN BASEMENT WITH EARTH					
Work shop	1	31-1½	15-7½	0-6	243
Store room	1	6-1½	15-7½	0-6	48
Total cft----					-------- 291.
CONCRETE BROKEN BRICK IN LIME MORTAR					
Wall round workshop and store	1	114-9	3-0	1-6	516
Cross wall in do.	1	14-1½	3-0	1-6	64
Pilasters in ~~do.~~ exterior.	4	5-0	0-4½	1-6	11
Steps	2	7-6	2-3	0-6	17
Total cft-----					----- 608.
COUNTRY BRICK IN LIME MORTAR (FOUNDATIONS AND BASEMENT)					
1st footing.-					
Wall round workshop and store	1	114-9	2-3	0-9	194
Cross wall in do.	1	14-10½	2-3	0-9	25
Pilasters in exterior	4	4-1½	0-4½	0-9	5

2nd footing.-					
Wall round workshop and store	1	114-9	1-10½	0-9	161
Cross wall in do.	1	15-3	1-10½	0-9	21
Pilasters in exterior	4	3-9	0-4½	0-9	4
Basement.-					
Wall roundwork shop and store	1	114-9	1-6	1-0	172
Cross wall in do.	1	15-7½	1-6	1-0	23
Pilasters in exterior	4	3-4½	0-4½	1-0	5
Steps 1st footing	2	7-0	2-0	0-6	14
do. 2nd footing	2	5-0	1-0	0-6	5
Total cft-					------- 629.

COUNTRY BRICK IN CLAY(SUPER STRUCTURE)					
Wall round workshop and store	1	114-9	1-1½	11-9	1517
Cross wall in do.	1	16-0	1-1½	11-9	212
Gables over do.	1	17-1½	1-1½	3-0	58
Pilasters in exterior	4	3-0	0-4½	11-0	50
Total cft	-----				1837
Deduct for.-					
Door openings	1	4-0	1-1½	8-0	36
do.	1	3-6	1-1½	7-0	28
Window opening	11	3-6	1-1½	5-6	238
Brick in lime mortar superstructure as per details below cft					399
Archwork as per details below cft					12
Total deductions cft					713
Net total cft--					------- 1124.

BRICK IN LIME MORTAR (SUPER STRUCTURE)

Top of work shop and store room wall all round	1	114-9	1-1½	1-0	129
Cross wall in do.	1	17-0	1-1½	1-0	19
Pilasters in exterior	4	3-0	0-4½	1-0	5
Sides of doors	1	17-0	1-1½	1-0	19
do.	1	15-0	1-1½	1-0	17
Sides and cills of windows	11	17-0	1-1½	1-0	210
Total cft----					----- 399.

ARCHWORK COUNTRY BRICK IN LIME MORTAR

Over doors	1	5-0	1-1½	1-1½	6
do.	1	4-4½	1-1½	1-1½	6
Total cft---					-------- 12.

CUT STONE WORK

Templates under trusses	6	1-1½	1-1½	0-6	4
Total cft -----					------ 4.

COUNTRY WOOD WROUGHT AND PUT UP

Tie beams	3	18-3/8	0-3	0-6	6.84
Principal rafters	3x2	10-3	0-3	0-6	7.68
Struts	3x2	5-0	0-3	0-3	1.88
Purlins	1	85-0	0-3	0-6	10.63
Ridge piece	1	24-9	0-2	0-7	2.41
Hip raffers	4	16-6	0-3	0-5	6.88
Common and jack rafters	50	12-9	0-2	0-3½	30.99
Wall plate	1	120-0	0-3	0-4	10.00
Total cft----					------- 77.31

TOTAL

DOORS BATTENED WITH FRAMES AND FITTINGS COMPLETE

Door.	1	4-0	8-0	32	
do.	1	3-6	7-0	25	
Total sft---				-------	57.

WIRE NETTING WITH FRAMES COMPLETE

In workshop andstore	11	3-6	5-6	212	
Total sft---				--------	212.

ROOFING WITH PLAIN MANGALORE TILES ON TEAK REEPERS COMPLETE

Over work shop and store	2	44-6	12-9	1135	
Total sft.	----			---------	1135

FLOORING WITH 8" SQUARE BRICKS OVER 6" SAND AND POINTING WITH CEMENT.

Workshop	1	31-6	16-0	504	
Store room	1	6-6	16-0	104	
Sills of doors	1	7-6	1-1½	8	
Top of steps	2	7-0	2-0	28	
Total sft---				--------	644.

PLASTERING WITH LIME MORTAR ONE COAT.

Interior.-

Workshop	1	97-3	12-0	1167	
Store room	1	45-0	12-0	540	
Gable wall	1x2	16-0	2-9	88	
Sides and soffits of doors	1	20-0	0-9	15	
do.	1	17-6	0-9	13	
do. windows	11	14-6	0-9	120 ~~12×0×~~	

Exterior.-					
Wall all round	1	122-3		11-6	1406
Basement all round	1	123-9		1-6	186
Sides of steps	2	6-0		0-6	6
Total sft	-----				3541
Deduct for.-					
Doors	1x2	4-0		8-0	64
do	1x2	3-6		7-0	49
Windows	11x2	3-6		5-6	424
Total deductions sft-					537
Net total sft-					3004.
PAINTING TWO COATS			Coefft		
Doors	1	4-0	2½	8-0	72
do.	1	3-6	2½	7-0	55
Total sft---					127.
WOOD OILING TWO COATS					
Tie beams	3	18-3		1-6	82
Principal rafters	3x2	10-3		1-6	92
Struts	3x2	5-0		1-0	30
Purlins	1	85-0		1-6	128
Ridge piece	1	24-9		1-4	33
Common hip rafters	4	16-6		1-1	72
Common and jack rafters	50	12-9		0-9	478
Wall plates	1	84-0		1-2	98
Total sft	------				1013.
WROUGHT IRON WORKS FOR TRUSSES---					L.S.

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

WORKSHOP AND STORE.

****

1200 cft	Earthwork Excavation for foundations	6/	cft 1000	7
291 cft	Filling in basement with earth	5/0	100	1
608 cft	Concrete broken brick in limemortar	20/6	100 cft	124
629 cft	Country brick in limemortar (Foundations and basement)	27/0	,,	170
1124 cft	Country brick in clay (Super structure)	22/12	,,	256
399 cft	Brick in lime mortar (Super-structure)	28/8	,,	114
12 cft	Archwork country brick in lime mortar	30/8	,,	4
4 cft	Cut stone work	2/0	cft	8
77.31 cft	Country wood wrought and put up	3/12	,,	290
57 sft	Doors battened with frames and fittings complete	1/3	sft	68
212 sft	Wire netting with frames	0/3	sft	40
1135 sft	Roofing with plain Mangalore tiles on teak reepers complete	19/0	sft 100	216
644 sft	Flooring with 8" square bricks over 6" sand and pointing with cement	13/0	,,	84
3004 sft	Plastering with lime mortar one coat	2/0	,,	60
127 sft	Painting 2 coats	2/8	,,	3
1013 sft	Wood oiling 2 coats	1/2	,,	11
L.S.	Wrougnt iron works		L.S.	20
	T o t a l ..			1476
	Contingencies and petty super-vision charges			124
			Total of estimate Rs.	1600

A r c h i t e c t.

Compd.
Pds
15.6.D.

I & A and D

120

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN.

COMPOUND WALL AND COVERED PASSAGE. (Boys)

Enc 12
1685 w 3/12

COVERED PASSAGE

54 RFT.

EARTHWORK

EXCAVATION FOR FOUNDATIONS

Retaining wall	1	108-6	2-6	1-6	405
Total cft-----					------ 405.

FILLING IN BASEMENT WITH EARTH

Passage	1	54-0	4-9	1-6	385
Total c ft---					----- 385.

CONCRETE BROKEN BRICK IN LIME MORTAR

Retaining walls	1	108-0	2-6	0-9	203
Total cft--					---------- 203.

BRICK WORK IN LIME MORTAR

IN FOUNDATIONS AND BASEMENT

Retaining wall	1	108-0	1-6	0-9	122
do. basement	1	108-0	1-1½	2-0	243
Total cft -----					--------- 365.

TIMBER WROUGHT AND PUT UP

Posts	18	6-6	0-4	0-4	13.00
Bressummer	1	115-0	0-4	0-5	16.00
Common rafters	2x36	6-0	0-2	0-3½	21.00
Collar pieces	36	4-0	0-2	0-3	6.00
Hip and valley rafters	2	8-0	0-3	0-5	1.67
Collars do.	1	4-0	0-2	0-3	0.17
Total cft -----					-------- 57.84

122

CUT STONE WORK

Base stones for pilasters	18	0-7	0-7	0-6	3	
Total cft -----					-	-------- 3.

LEVELLING COURSE OF CONCRETE
4" THICK

Pass age	1	54-0	4-9		257
Total sft-----					-------- 257.

RENDERING WITH PORTLAND CEMENT
½" THICK

Passage	1	54-0	7-0		378
Total sft--					-------- 378.

ROOFING WITH PLAIN MANGALORE
TILES OVER TEAK REEPERS ETC.
COMPLETE

Over passage	1	54-0	12-0		648
Total sft -----					----- 648.

PLASTERING WITH LIME MORTAR
TWO COATS

Basement	1	108-0		2-0	216
Total sft--					------ 216.

PAINTING TWO COATS

Posts	18	6-6	1-4		156
Bressummer	1	115-0	1-2		134
Common rafters	2x36	6-0	0-9		324
Collar pieces	36	4-0	0-10		120
Hip and valley rafters	2	8-0	1-1		17
Collars do.	1	4-0	0-10		3
Total sft -----					-------- 754.

COVERED PASSAGE 54 RFT.

~~2x~~ 405 cft	Earthwork Excavation for founm dations	6/0	cft 1000	2
385 cft	Filling in basement with earth	5/0	..	2
203 cft	Concrete broken brick in lime mprtar	20/6	100	41
365 cft	Brick work in lime mortar in foundations and basement	27/0	100 cft	99
3 cft	Cut stone work	2/0	cft	6
57.85 cft	Timber wrought and putup	3/12	cft	217
257 sft	Levelling course of concrete 4" thick	7/0	sft 100	18
378 sft	Rendering with Portland cement ½" thick	6/8	..	25
648 sft	Roofing with plain Mangalore tiles over teak reepers etc.	19/0	..	123
216 sft	Plastering with lime mortar two coats	3/9	..	8
754 sft	Painting two coats	2/8	..	19
	T o t a l -----			560
	Contingencies at 5 %			28
	Petty supervision at 2 ½ % ..			12
	Total of estimate Rs. -------			600.

(Sd.) R. Jackson
26-4-17
A r c h i t e c t.

COMPOUND WALL OF 10 FT. HEIGHT

EARTHWORK

EXCAVATION FOR FOUNDATIONS

Wall	1	10-0	2-6	2-0	50
Total cft-----					50.

CONCRETE BROKEN BRICK JELLY IN LIME MORTAR

Wall	1	10-0	2-6	1-0	25
Total cft ---					25.

BRICK IN MUD

In foundations and basement					
Walls	1	8-1½	1-10½	2-0	30
In pilasters	1	1-10½	2-3	2-0	8
In Superstructure Wall	1	8-6	1-6	8-3	105
do pilaster	1	1-6	1-10½	8-3	23
Total cft -----					166.

BRICK IN LIME MORTAR

Copings over wall rectangular portion	1	10-0	1-10½	0-4½	7
do. triangular portion	1	10-0	1-10½	$\frac{0-4\frac{1}{2}}{2}$	4
Total cft-					11.

PLASTERING WITH LIME MORTAR TWO COATS

Wall	2	10-0	9-3	185
Coping	1	10-0	3-0	30
Sides of projection of pilaster	2x2	9-3	0-2½	7

125

Plinth projection and coping bottom	2x2	10-0	0-2½	8	
Total sft	----				--------- 230.

COMPOUND WALL OF 10 FT. HEIGHT

			Cft		
50 cft	Earthwork Excavation	6/0	1000	1	
25 cft	Concrete broken brick in lime mortar	20/6	100	5	
166 cft	Brick in mud	22/12	100	38	
11 cft	Brick in lime mortar	28/8	100	3	
230 sft	Plastering with lime mortar 2 coats	3/9	sft 100	8	
				55	
	T o t a l			3	
	Contingencies at 5 % ..			2	
	Petty supervision at 2 ½ % ..			-----	60.
	Total of estimate Rs. for 10 Rft.				
	Cost for 1 Rft 6-0-0				
	Cost for 466 Rft.			Rs.	2796.

(Sd.) R-Jackson.
20-4-17
Architect.

127

GENERAL ABSTRACT FOR COMPOUND WALLS

(1)	Compound wall of 10 feet. height	2796
(2)	do. of 8 feet with gates etc.	6856
(3)	do. of 5 feet with gates etc.	474
	Sundries	174
	Total of estimate	~~10126~~ ~~10150~~ 10300

(Sd) R. Jackson.
Architect. 20-4-17

COMPOUND WALL OF 8' HEIGHT

EARTHWORK EXCAVATION FOR FOUNDATIONS

Wall	1	10-0	2-6	2-0	50
Total cft-					--------, 50.

CONCRETE BROKEN BRICK IN LIME MORTAR

Wall	1	10-0	2-6	1-0	25
Total cft--					-------- 25.

BRICK IN MUD

Ig foundations and basement

Wall	1	8-1½	1-10½	2-0	30
do. Pilasters	1	1-10½	2-3	2-0	8
In Superstructure Wall	1	8-6	1-6	6p3	80
do. pilasters	1	1-6	1-10½	6-3	18
Total cft--					------- 136.

BRICK IN LIME MORTAR

Coping over wall rectangular portion	1	10-0	1-10½	0- 4½	7
do. triangular portion	1	10-0	1-10½	$\frac{0-4\frac{1}{2}}{2}$	4
Total cft--					-------- 11.

PLASTERING WITH LIME MORTAR TWO COATS

Wall	2	10-0	7-3	145
Coping	1	10-0	3-0	30
Sides of pilasters	2x2	7-3	0-2¼	5
Plinth and coping projection	2x2	10-0	0-2¼	8
Total sft.				--------- 188.

ABSTRACT FOR 10 RFT.

50 cft	Earthwork Excavation for foundations	6/0	cft 1000	1	
25 cft	Concrete broken brick in lime mortar	20/6	100	5	
136 cft	Brick in mud	22/12	100	31	
11 cft	Brick in lime mortar	28/8	100	3	
188 sft	Plastering with lime mortar two coats	3/9	sft 100	7	
	T o t a l			47	
	Contingencies at 5 %			2	
	Petty supervision at 2 ½ % ..			1	
	Total Rs. for 10 Rft			------	50
	Cost per Rft. Rs.5-0-0				

(Sd) R. Jacksm
20-4-17
A r c h i t e c t.

COMPOUND WALL OF 8 FEET HEIGHT

1320 Rft	Compound wall 9f 8' height		5/0	Rft	6600
80 sft	Wooden gate shutters with masonry pedestals etc. complete (10' gate)		2/0	sft	160
48 sft	do.	(6' gate)	2/0	sft	96
	T o t a l Rs.			------	6856

(Sd.) R. Jackson
20-4-17
A r c h i t e c t.

COMPOUND WALL OF 5 FEET HEIGHT

EARTHWORK

EXCAVATION FOR FOUNDATIONS

Wall	1	10-0	2-0	1-6	30
Total cft -----					---------- 30.

CONCRETE BROKEN BRICK IN LIME MORTAR

Wall	1	10-0	2-0	1-0	20
Total cft -----					-------- 20.

BRICK IN MUD

In foundations and basement wall	1	8-1½	1-1½	1-6	14
do. pilaster	1	1-10½	1-6	1-6b	4
Superstructure wall	1	8-6	0-9	3-3	21
do. pilaster	1	1-6	1-1½	3-3	5
Total cft-					-------- 44.

BRICK IN LIME MORTAR

Copings rectangular portion	1	10-0	1-1½	0-4½	4
do. triangular portion	1	10-0	1-1½	$\frac{0-4½}{2}$	4
Total sft-					------ 8.

PLASTERING WITH LIME MORTAR TWO COATS

Wall	2	10-0		4-3	85
Coping	1	10-0		2-3	23
Sides of pilasters	2x2	4-3		0-2¼	3
Plinth and coping projection	2x2	10-0		0-2¼	8
Total sft -----					------- 119.

ABSTRACT FOR 10 FEET LENGTH

30 cft	Earthwork Excavation for foundations	6/0	cft 1000	1
20 cft	Concrete broken brick in lime ~~mortar~~ mortar	20/6	100	4
44 cft	Brick in mud	22/12	100	10
8 cft	Brick in lime mortar	28/8	100	2
119 cft	Plaster with lime mortar	3/9	100	4

	T o t a l			21
	Contingencies at 5 %			1
	Petty supervision at 2 ½ - ..			½

Total of estimate for 10 Rft------ 22-8-0

Cost per Rft. Rs.2-4-0

(Sd:) R Jackson
20-4-17
Architect.

COMPOUND WALL OF 5 FEET HEIGHT

184 Rft	Compound ~~mf~~ wall of 5' height 2/4		Rft	414
30 sft	Wooden gate shutters including masonry, pedestals etc, complete	2/0	sft	60
	T o t a l Rs.		------	474

(Sd) R. Jackson.
20-4-17
A r c h i t e c t.

Exc 26
1887 a B

I + F

134

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

COVERED PASSAGE. (Girls)

GENERAL SPECIFICATION TO ACCOMPANY THE ESTIMATE FOR

COVERED PASSAGE.

****

FOUNDATIONS.

A depth of 1'-6" is provided in the estimate the lower 0'-9" will be of concrete broken brick in lime mortar the rest will be of brick in lime mortar.

BASEMENT.

Will be of brick in lime mortar 2'-0" high.

CUTSTONE.

Base stones of posts will be of cutstone.

WOODWORK.

All roof timbers will be of well seasoned jarrah wood.

ROOFING.

Roof will be of plain Mangalore tiles on teak reepers.

FLOORING.

Will be rendered with ½" cement mortar over a levelling course of concrete 4" thick.

FINISHING.

Basement wall will be plastered with 2 coats of lime mortar.

All roof timbers will be painted with 2 coats of approved paint.

Architect.

C O V E R E D P A S S A G E.

63 RFT. LONG.

EARTHWORK

EXCAVATION FOR FOUNDATIONS

Retaining wall	1	126-6	2-6	1-6	474	
Total cft..------					---------	474

FILLING IN BASEMENT WITH EARTH

Passage	1	63-0	4-9	1-6	449	
Total cft -----					--------	449

CONCRETE BROKEN BRICK IN
XXXXXXXXXXXXXXXXXXXXXXXXXXXX.
LIME MORTAR

Retaining walls	1	126-0	2-6	0-9	236	
Total cft..------					----------	236

BRICK WORK IN LIME MORTAR
IN FOUNDATION AND BASEMENT.

Retaining wall	1	126-0	1-6	0-9	142	
Do basement	1	126-0	1-1½	2-0	284	
Total cft..------					---------	426

COUNTRY WOOD WROUGHT AND PUT UP.

Posts	20	6-6	0-4	0-4	14.44	
Bressummer	1	135-0	0-4	0-5	18.75	
Common rafters	2x36	6-0	0-2	0-3½	21.00	
Collar pieces	36	4-0	0-2	0-3	6.00	
Hip and valley rafters	2	8-0	0-3	0-5	1.67	
Collars for do	1	4-0	0-2	0-3	0.17	
Total cft..------					----------	62.03

137

CUT STONE WORK

Base stones for pilasters	20	0-7	0-7	0-6	3	
Total cft...-----					---------	3

LEVELLING COURSE OF CONCRETE
4"THICK

Passage	1	63-0	4-9		299	
Total Sft....-----					---------	299

RENDERING WITH PORTLAND CEMENT
½" THICK

Passage	1	63-0	7-0		441	
Total Sft .. ------					---------	441

ROOFING WITH PLAIN MANGALORE
TILES OVER TEAK REEPERS
ETC COMPLETE

Over passage	1	126-0	6-0		756	
Tota l Sft...------					---------	756

PLASTERING WITH LIME MORTAR
TWO COATS

Basement	1	126-0		2-0	252	
Total sft.. -----					--------	252

PAINTING TWO COATS

Posts	20--	6-6	1-4		173	
Bressummer	1	135-0	1-2		158	
Commo rafters	2x36	6-0	0-9		324	
Collar pieces	36	4-0	0-10		120	
Hip and valley rafters	2	8-0	1-1		17	
Collars do	1	4-0	0-10		3	
Total sft..------					----------	795

138

COVERED PASSGE 63 RFT. LONG.

474	cft	Earthwork excavation for foundations	6/0	cft 1000		3
449	,,	Filling in basement with earth	5/0	,,		2
236	,,	Concrete broken brick in lime mortar	20/6	cft 100		48
426	,,	Brick work in lime mortar in foundation and basement	27/0	,,		115
3	,,	Cut stone work	2/0	cft		6
62.03	,,	Timber wrought and put up	3/12	,,		233
299	sft	Levelling course of concrete 4" thick	7/0	sft 100		21
441	,,	Rendering with Portland cement ½" thick	6/8	,,		29
756	,,	Roofing withplain Mangalore tiles over teak reepers etc.	19/0	,,		144
252	,,	Plastering with lime mortar two coats	3/9	,,		9
795	,,	Painting two coats	2/8	,,		20
			Total ..			630
			Contingencies @ 5% ..			33
			Petty supervision @ 2½%.			17
			Total of estimate Rs..			680

ARCHITECT.

Compd.
Pats
15-6-17.

SITE PLAN
OF
THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN
TANDIARPET MADRAS.

SCALE 1 INCH 33 FT.

N

SOLAYAPPA MUDALI STREET

WALL 8-0 HEIGHT

STORE

KITCHEN

CORRIDOR

DINING ROOM

CORRIDOR

BATH

BATH

WORK SHOP

BOY'S HOME

GIRL'S HOME

LATRINE

LATRINE

Compound wall 8'-0" Height

WALL 5'-0 HEIGHT

WALL 5'-0 HEIGHT

SUPERINTENDENT'S QUARTERS

WALL 8-0 HEIGHT

WALL 8'-0 HEIGHT

Compound wall 10'-0" Height

SUBBARAYA CHETTI STREET

WALL 8-0 HEIGHT

WALL 8'-0 HEIGHT

Compound Wall 8'-0 HEIGHT

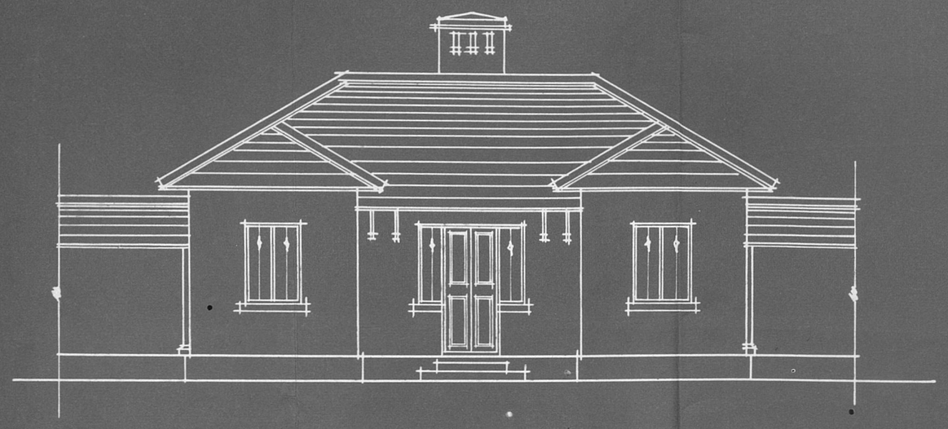
TIRUVOTTIYUR HIGH ROAD.

R. Jackson 19.4.47
ARCHITECT.
MADRAS.

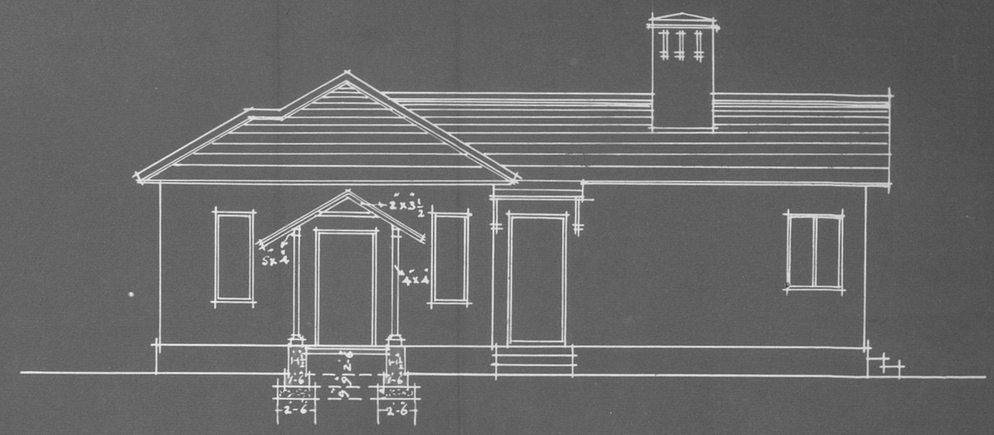
THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

KITCHEN, STORE & DINING HALL

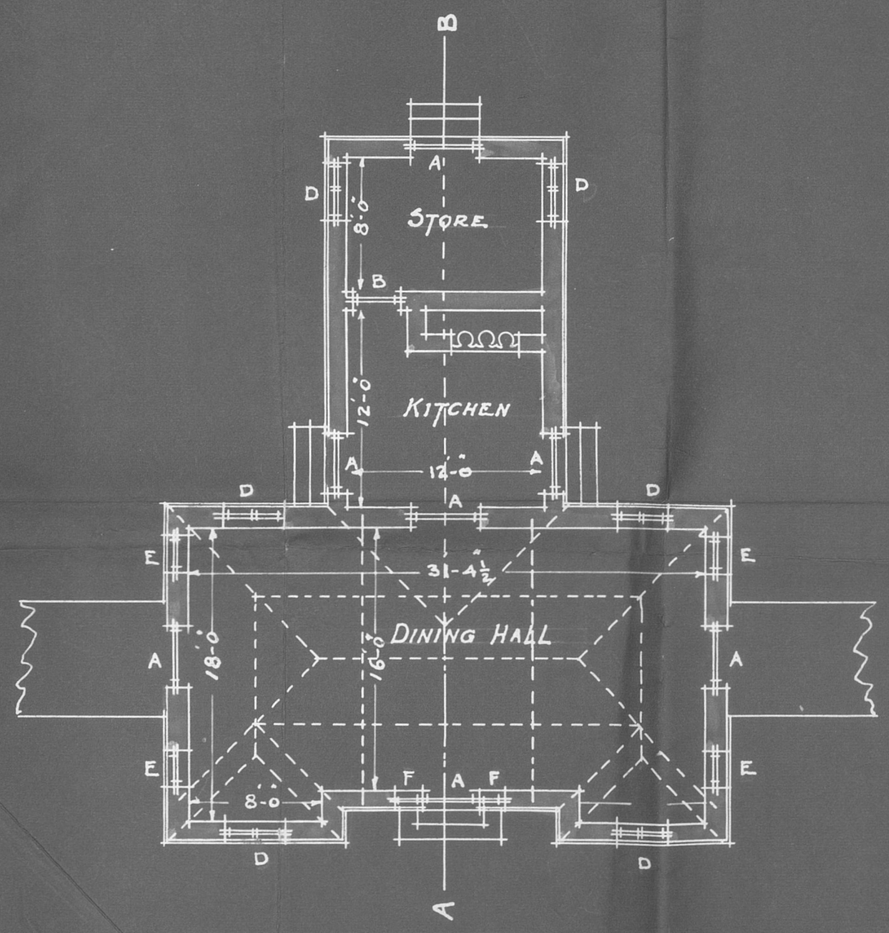
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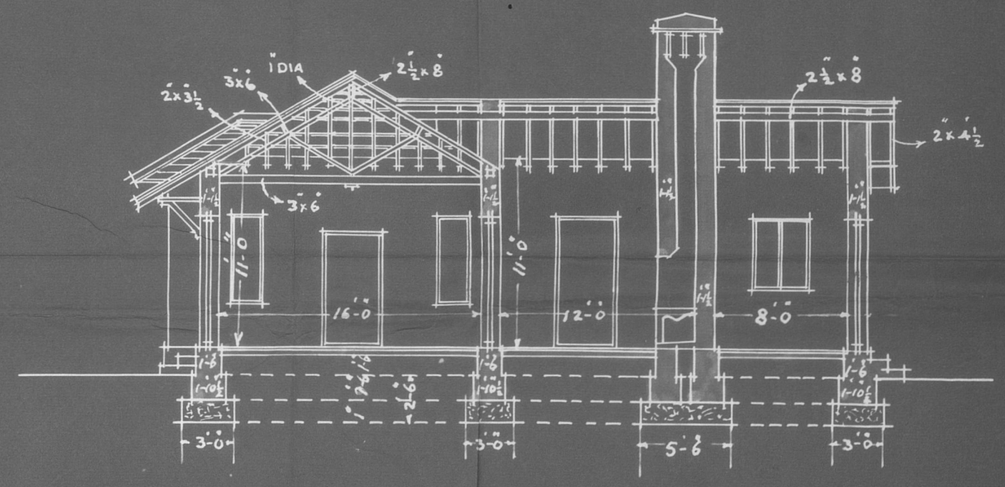
FRONT ELEVATION



SIDE ELEVATION



PLAN



SECTION ON A.B

R. Jackson
26.6.17
ARCHITECT

Enc 29
1689a13

H

145

Kitchen Store & dining Hall

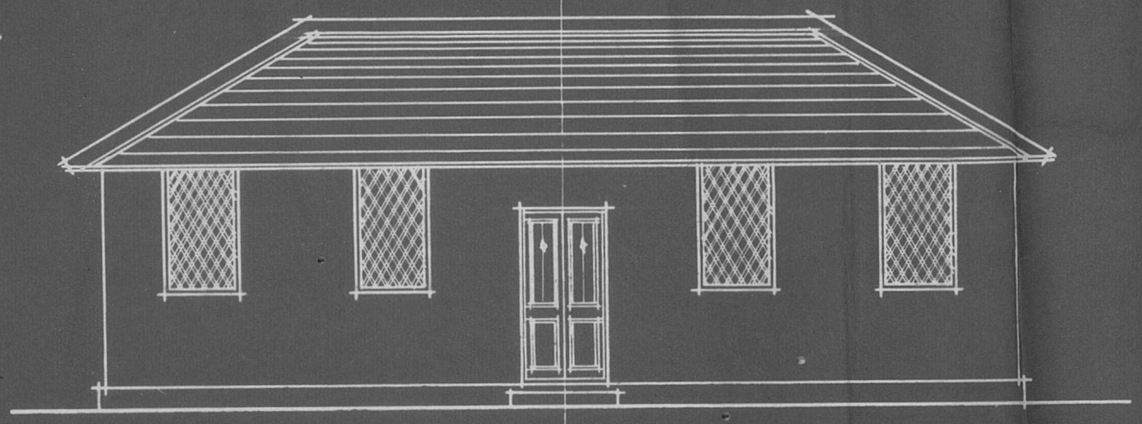
Plinth area = 1000 Sq ft.

Cost per Sq ft = $\frac{2800}{1000}$ = 2-12-10

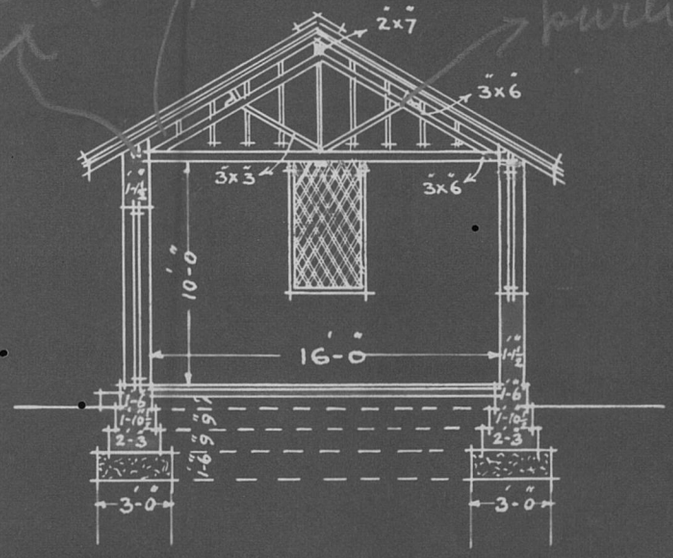
THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

PROPOSED WORKSHOP & STORE

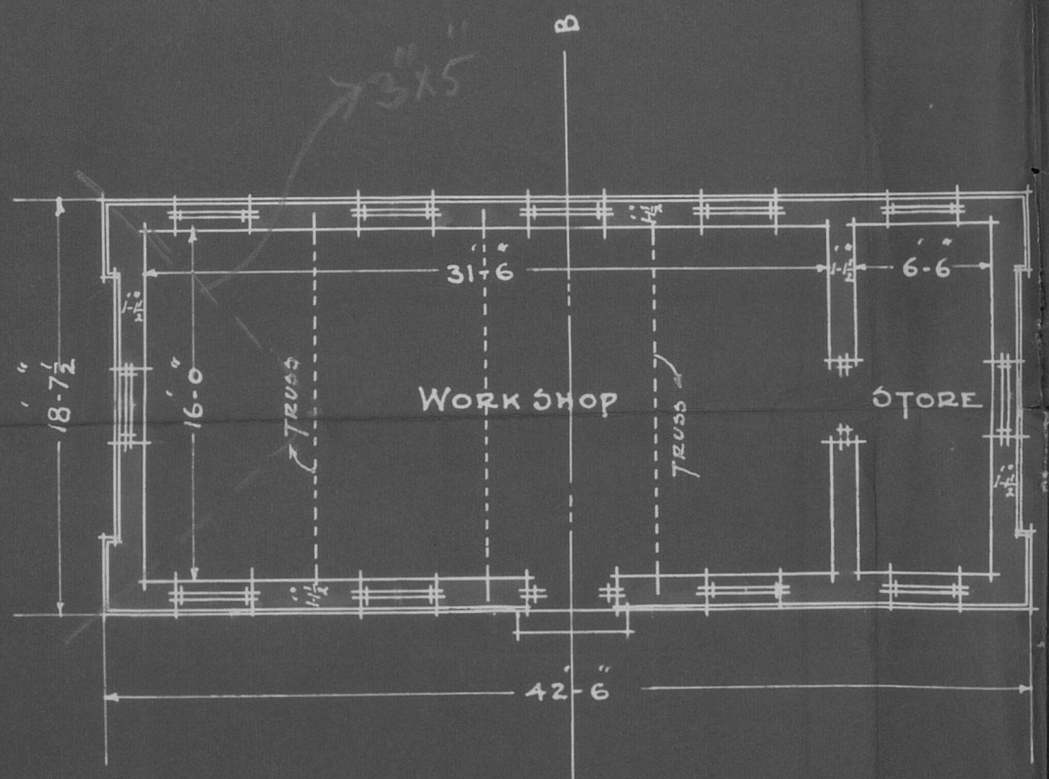
SCALE $\frac{1}{8}$ INCH = 1 F^{T}



FRONT ELEVATION



SECTION ON A.B



PLAN

7838th

R. Jackson
ARCHITECT 26.6.17.

Enc 30 -
1682 mb

141

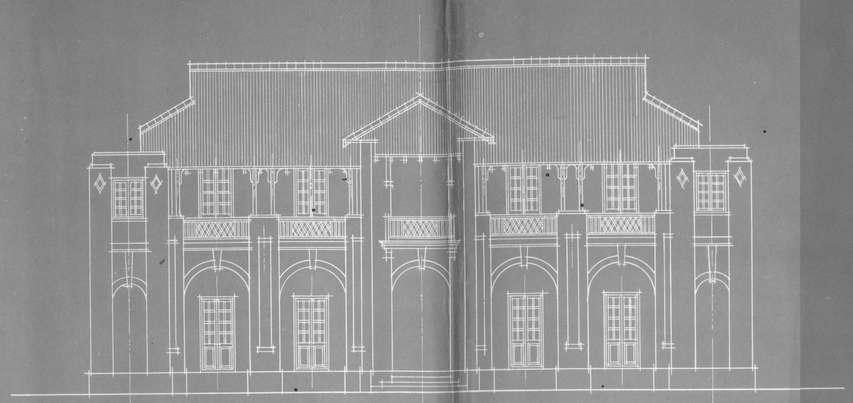
G

Work Shop & Store

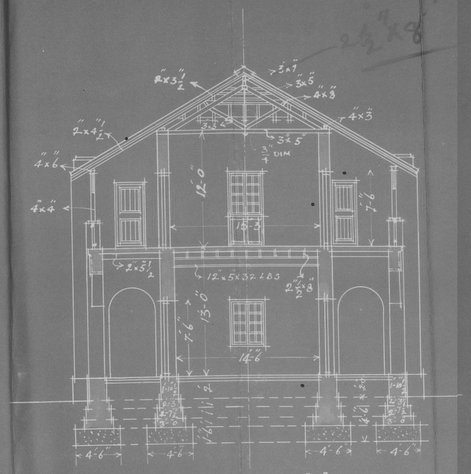
THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

HOME FOR GIRLS

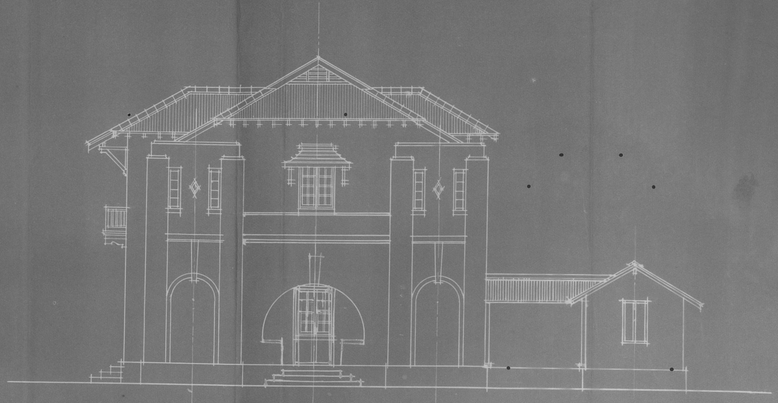
SCALE ⅛ IN = 1 FT.



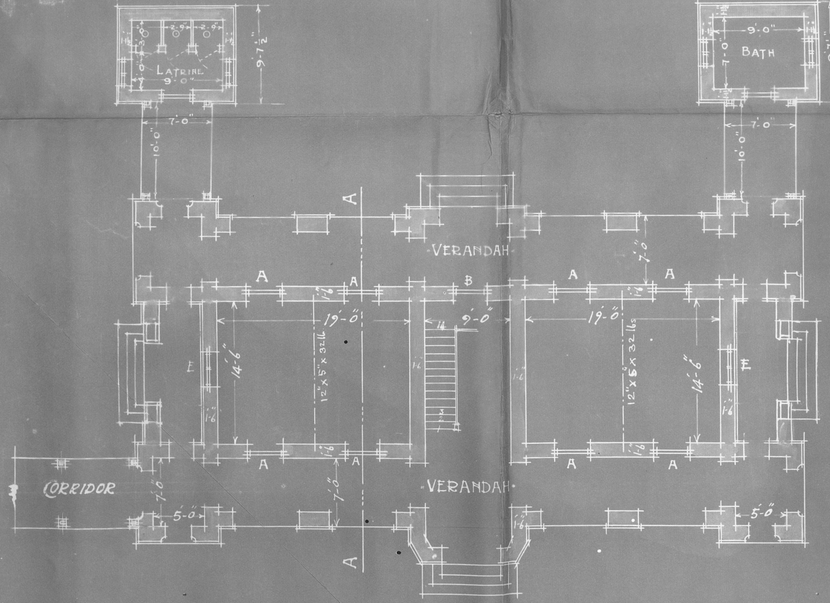
FRONT ELEVATION



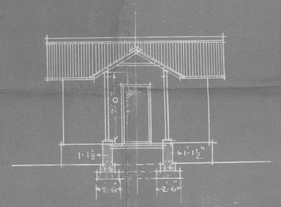
SECTION ON A.A.



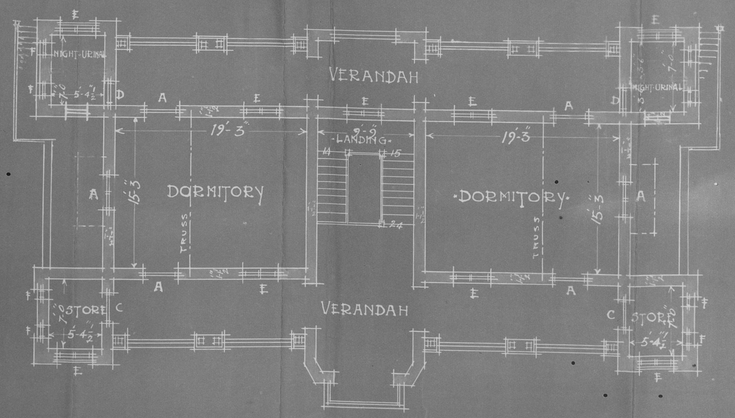
SIDE ELEVATION



PLAN OF GROUND FLOOR



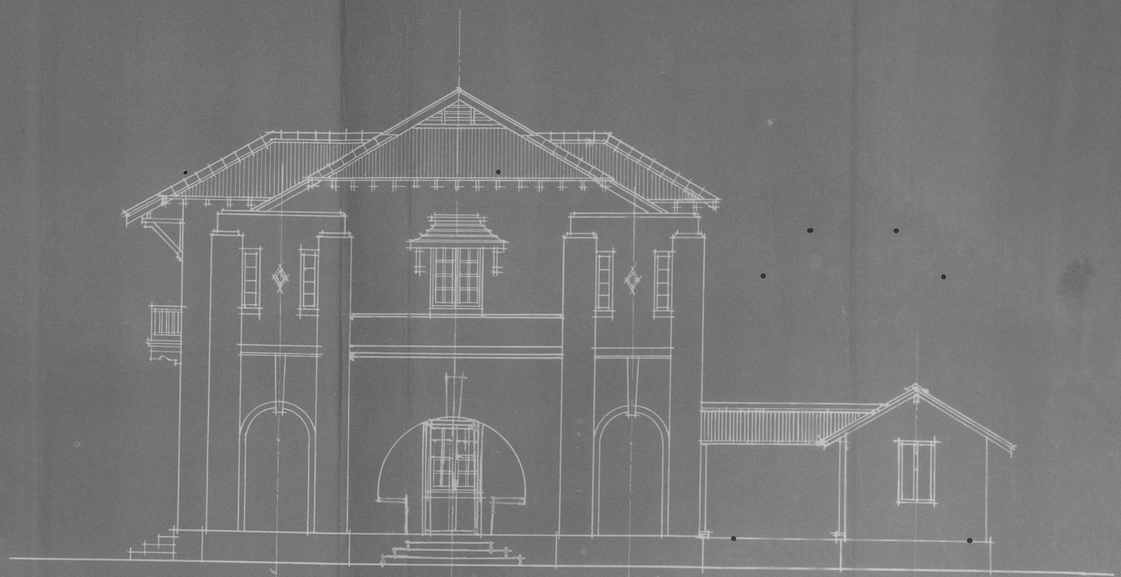
A DOORS	⅓ PANELLED & ⅔ GLAZED	3·6"x7·0"
B DOORS	⅓ PANELLED & ⅔ GLAZED	3·6"x6·6"
C DOORS	BATTENED	3·0"x6·6"
D DOORS	BATTENED	2·6"x6·6"
E WINDOWS	GLAZED	3·6"x4·6"
F WINDOWS	GLAZED	1·3"x4·6"



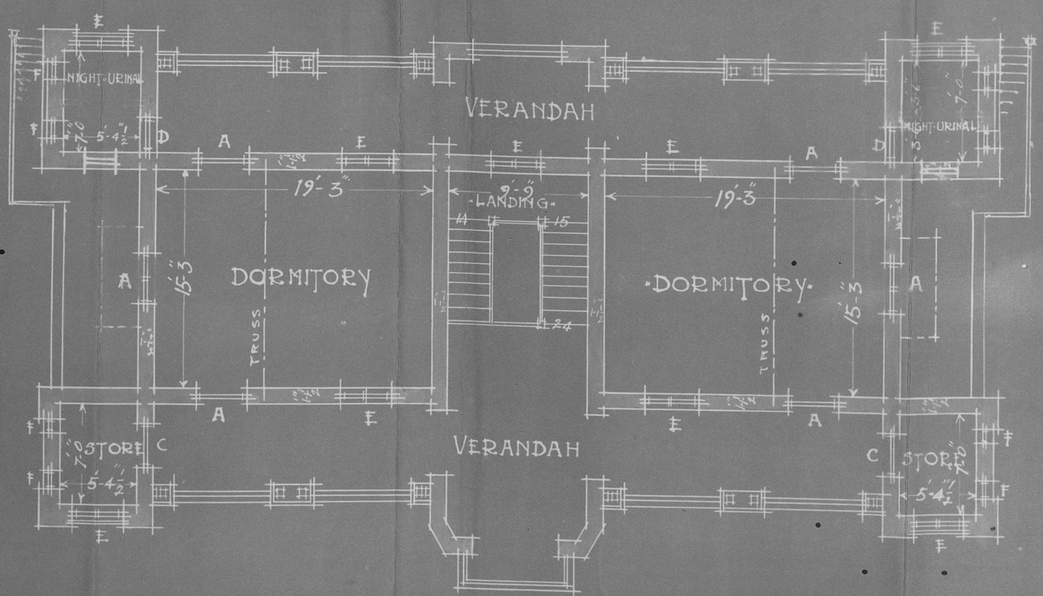
PLAN OF FIRST FLOOR

E. MONTAGUE THOMAS F.R.I.B.A.
ARCHITECT

OF · CHILDREN ·



· SIDE · ELEVATION ·



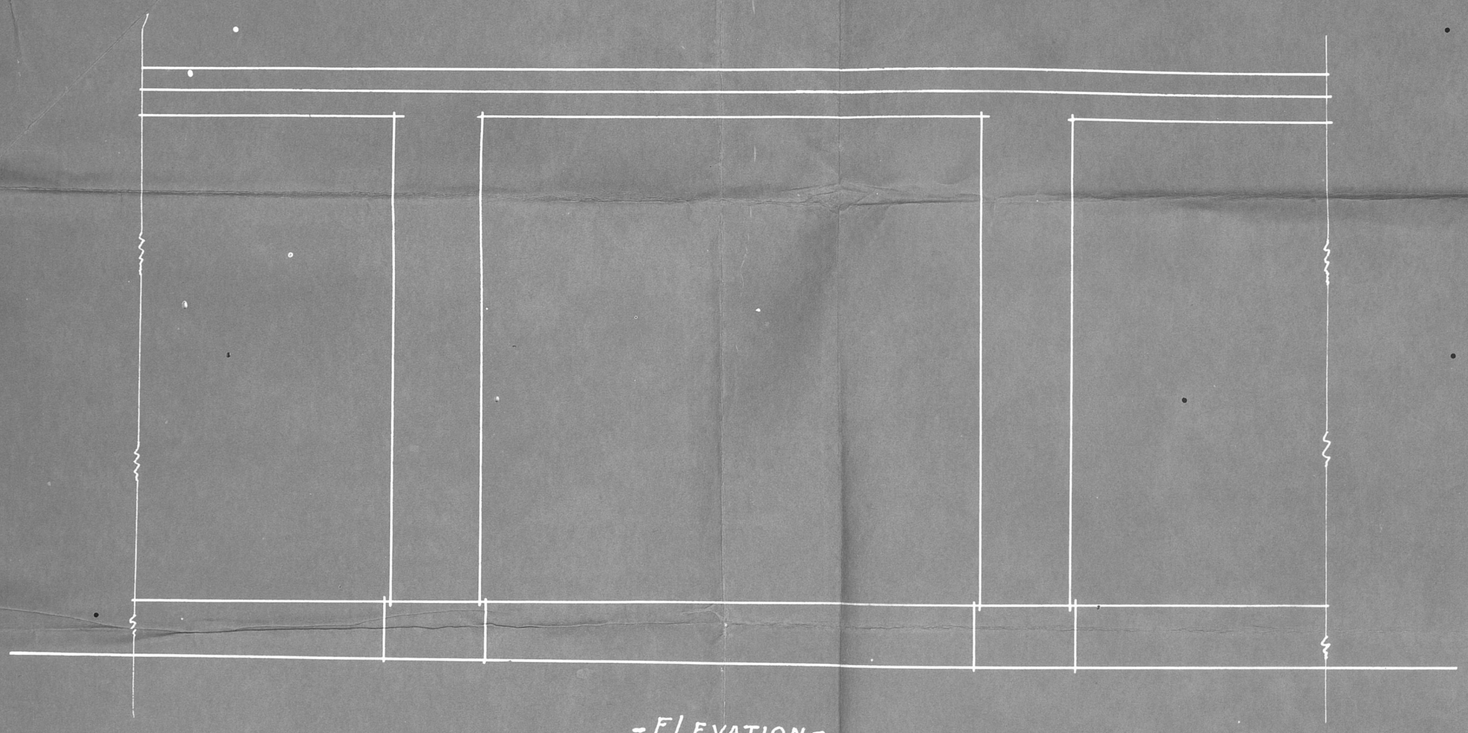
· PLAN · OF · FIRST · FLOOR ·

E. MONTAGUE THOMAS · F·R·I·B·A·
ARCHITECT

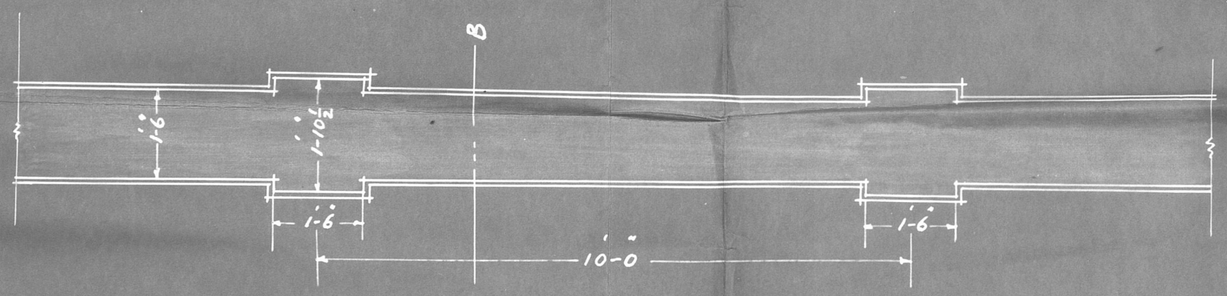
THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

COMPOUND WALL

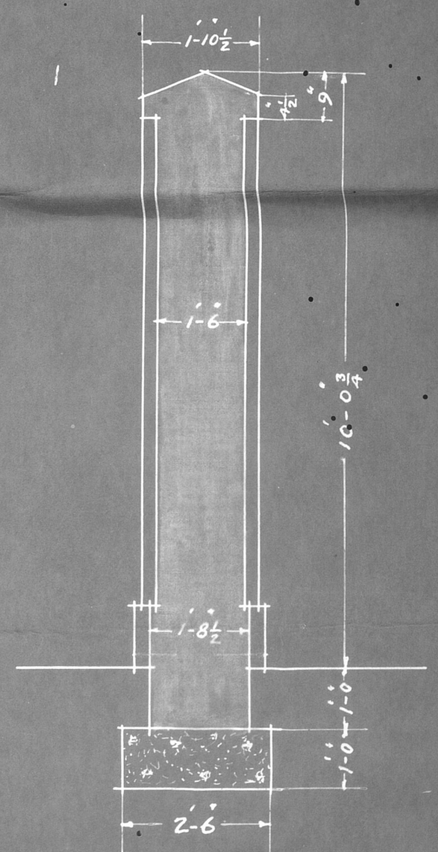
SCALE ½ INCH = 1 FOOT



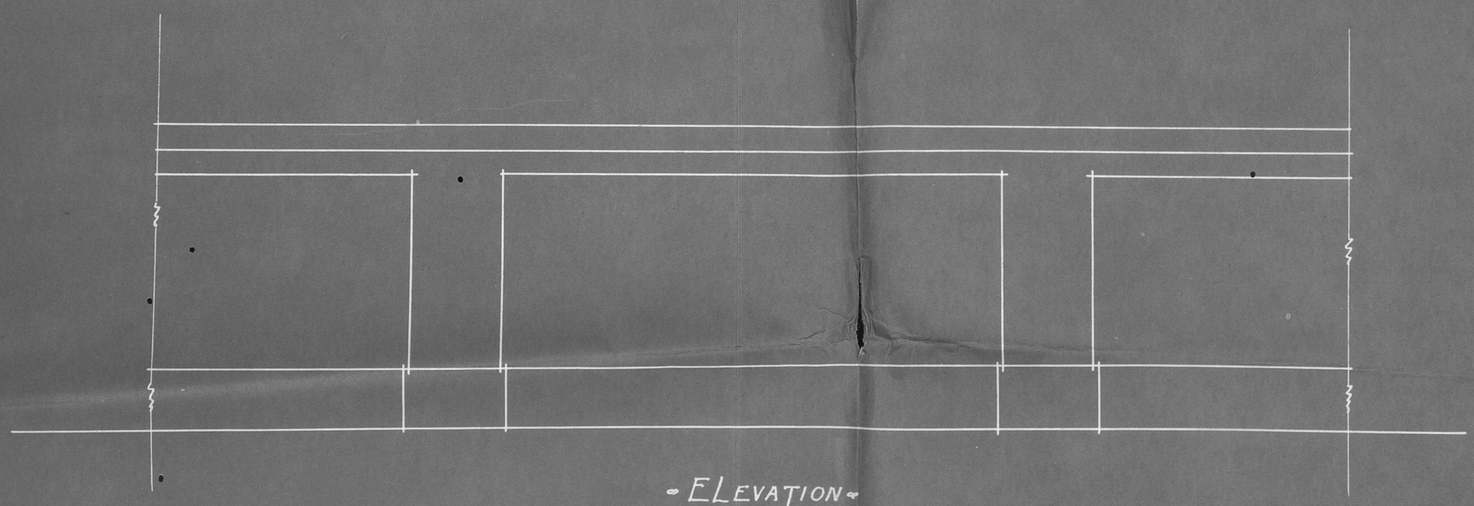
ELEVATION



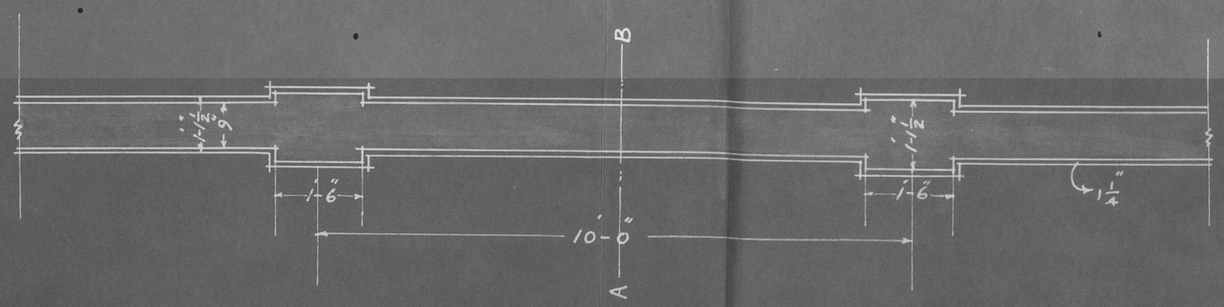
PLAN



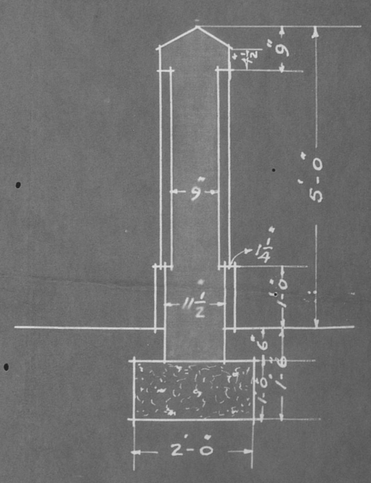
SECTION ON A.B



ELEVATION



PLAN



SECTION ON A.B

R. Jackson.
HONRY ARCHITECT 19.4.17.

D

Compound Wall

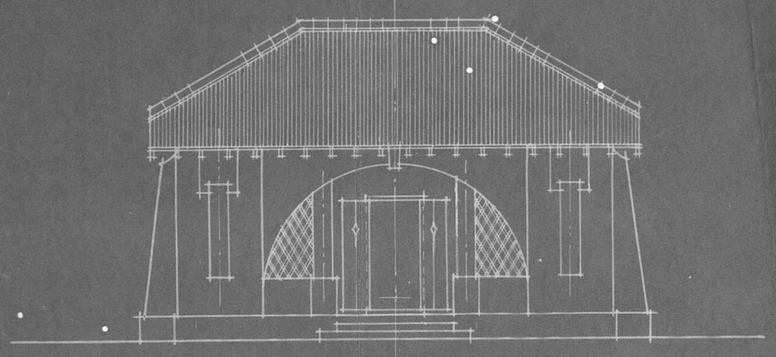
Encl 1
16 SQWB/17

47

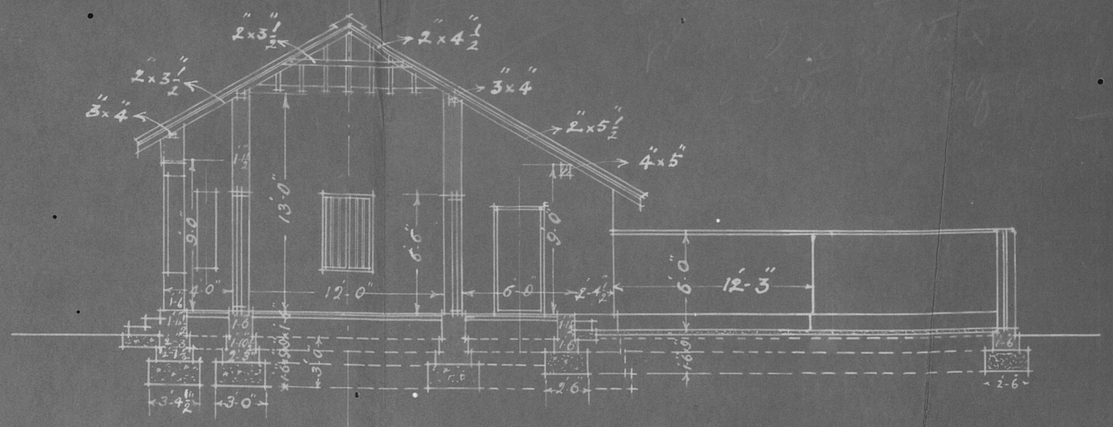
THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

SUPERINTENDENT'S QUARTERS.

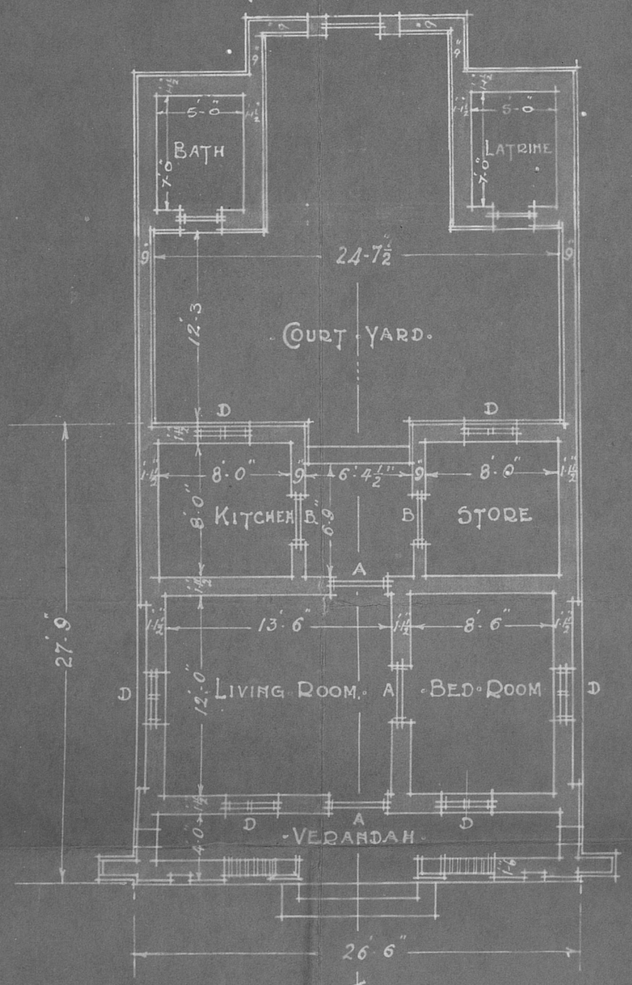
SCALE 1/8 IN = 1 FT.



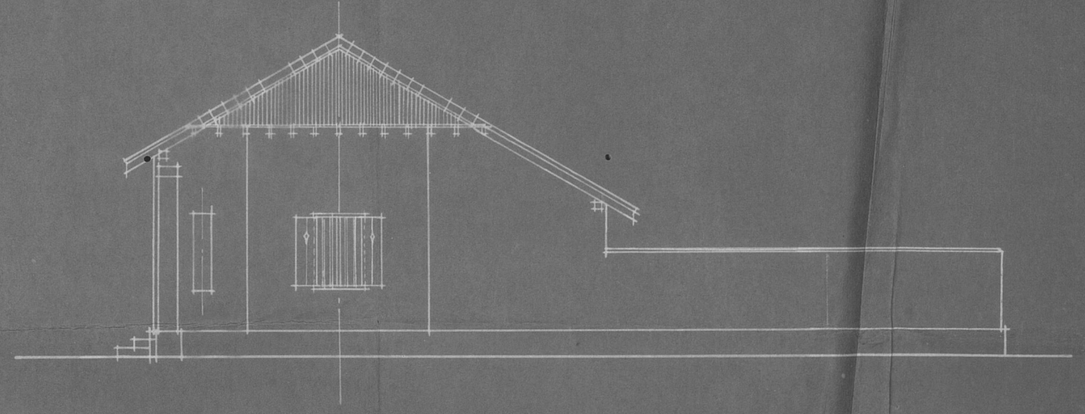
FRONT ELEVATION.



SECTION ON A.B.



GROUND PLAN.



SIDE ELEVATION.

A. DOORS	BATTENED	3'-6" x 7'-0"
B. DOORS	Do	3'-0" x 6'-6"
C. DOORS	Do	2'-6" x 6'-0"
D. WINDOWS	BATTENED WITH IRON BARS	3'-0" x 4'-6"

R. Jackson 19.4.17.
HON^RY ARCHITECT

E. MONTAGUE THOMAS F.R.I.B.A.
ARCHITECT.

B

144

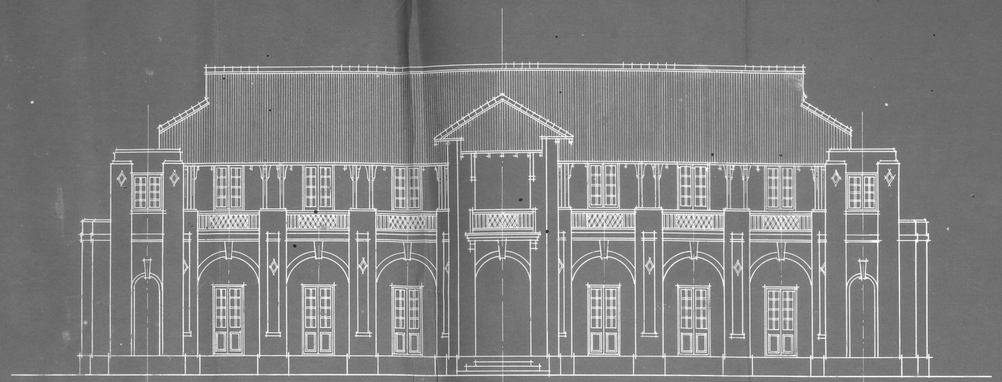
Experiments — quarters

Enclosure 3
1651 4/8/17

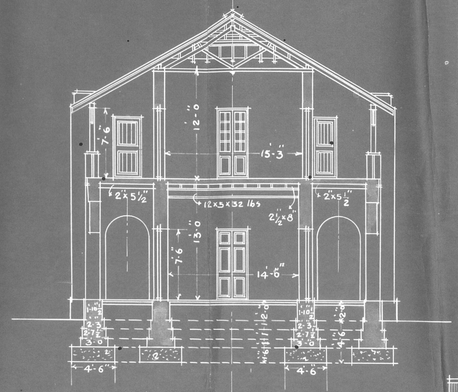
THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

HOME FOR BOYS

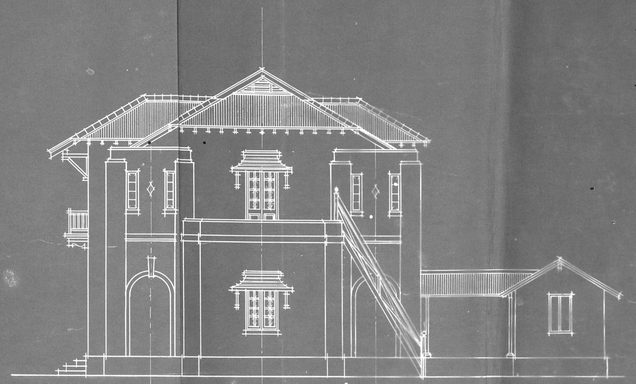
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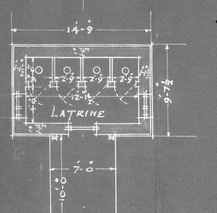
FRONT ELEVATION

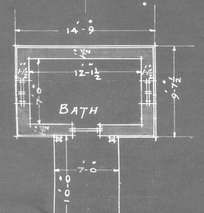


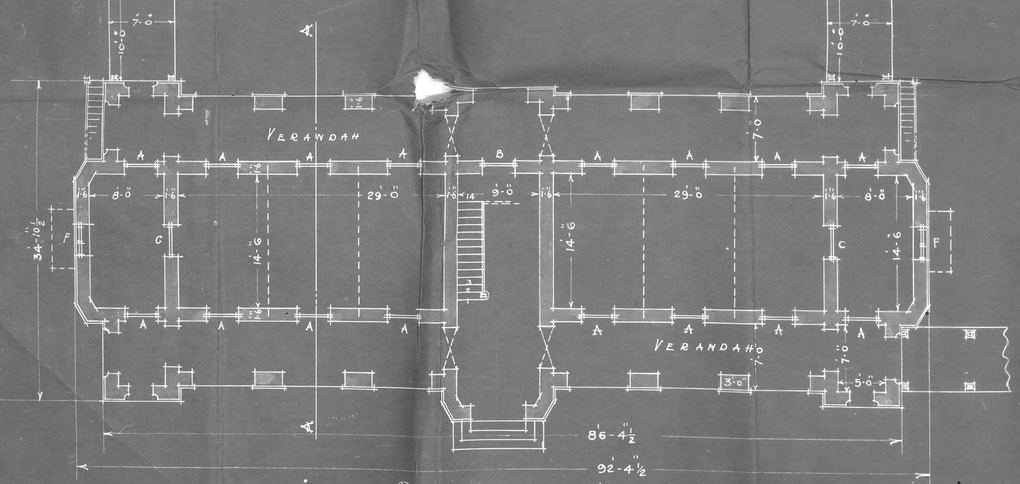
SECTION ON A.A.



SIDE ELEVATION

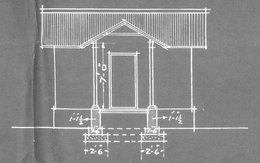


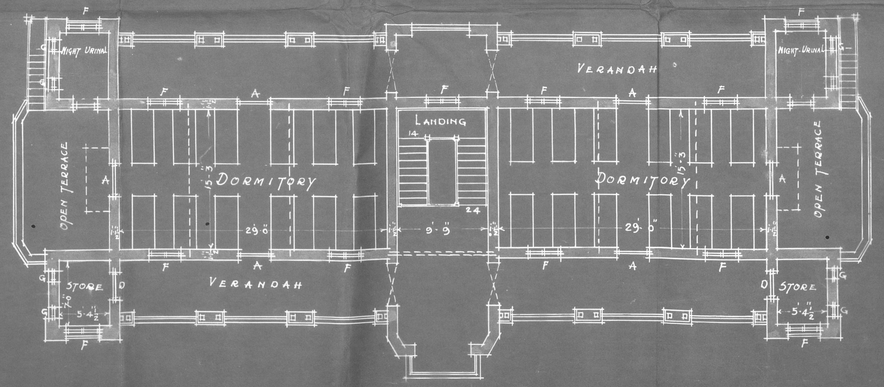




PLAN OF GROUND FLOOR

A- DOORS - 1/3 PANELLED & 2/3 GLAZED	3-6 x 7-6
B- DOOR - 1/3 PANELLED & 2/3 GLAZED	3-6 x 6-6
C - DOORS - PANELLED	3-6 x 7-6
D- DOORS - BATTENED	3-0 x 6-6
E- DOORS - BATTENED	2-6 x 6-6
F- WINDOWS - GLAZED	3-6 x 4-6
G- WINDOWS - GLAZED	1-3 x 4-6





PLAN OF FIRST FLOOR

R. Jackson 19.4.17

HONEY ARCHITECT

E. MONTAGUE THOMAS F.R.I.B.A.

ARCHITECT

Superseded
Copies of
Plans and
Estimates

146

Bundle 18

11

REGR. CHIEF SECT. 3-JUL 1917 MADRAS GOVT.

147

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

MADRAS.

Additional Buildings.

****

SUMMARY OF COST

	Rs.
(1) Girls Home	9,980
(2) Kitchen, store and Dining hall	2,800
(3) Workshop	1,600
(4) Corridor	680
(5) Latrine and bath for Girls' Home	970
(6) 3 Flush out closets for the above latrine	375
(7) Furniture, water supply, roads and drains	995
Total Rs.	17,400

LIST OF DRAWINGS

(1) Girls' Home

(2) Kitchen, store and dining hall

(3) Workshop

(4) New site plan.

Superseded C.S.A. 2/7/17

Exc 12
1689 dt 5/7/17

1 Summary of cost
5 Specifications
4 Plans

R. Jackson 27.6.17.
Architect.

Add In the present works Rs. 1380
17,480
M Vijayaraghavan
Secy

REGR. CHIEF SECT
8 JUL 1917
MADRAS GOVT.

148

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

M A D R A S.

additional Buildings

****

S U M M A R Y O F C O S T

	Rs.
(1) Girls Home	9,980
(2) Kitchen, store and Dining hall	2,800
(3) Workshop	1,600
(4) Corridor	680
(5) Latrine and bath for Girls' Home	970
(6) 3 Flush out closets for the above latrine	375
(7) Furniture, water supply, roads and drains	995
Total Rs.	17,400

1 Summary cost
5. Specifications
4 Plans

LIST OF DRAWINGS

(1) Girls' Home

(2) Kitchen, store and dining hall

(3) Workshop

(4) New site plan.

Encl 22
1689 a/B

Superseded
Cl 25
2/8

Yours obedient Servant
for
R. Jackson
Architect.

Add Dr unforeseen Works Rs 550.

Total 17450

Hout

49

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN.

PUBLIC (CHIEF SECT.) 8 MAY 1917 MADRAS GOVT.

SECRETARIAT

SUMMARY OF COST.

****

		Rs.
(1)	Home for Boys	13,200
(2)	Superintendent's quarters	2,350
(3)	Kitchen and Dining Hall	3,100
(4)	Bath room and laterine including passage	1,100
(5)	Covered passage	600
(6)	Compound wall with gates, etc., complete	10,300
(7)	4 Flush out closets for laterine with necessary pipes and fittings @ Rs.125/- each	500
(8)	Water supply	500
(9)	Furniture and lighting arrangements ..	1,200
(10)	Roads and Drains	320
	Add for unforeseen works	1,480
	Totaâ of estimate Rs.	34,650

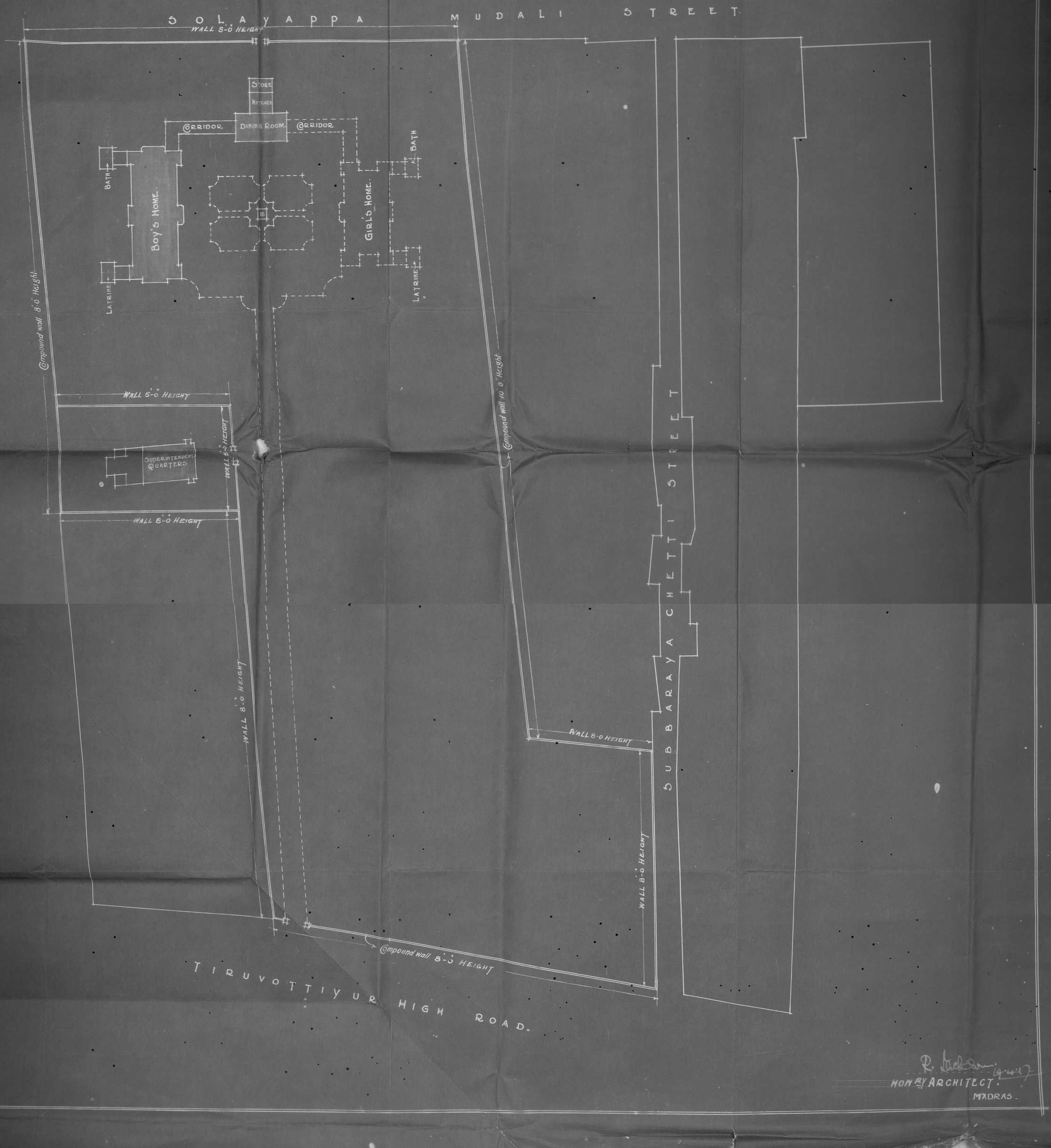
R. Jackson 24.4.17.

Architect.

Superseded C.D. 22/8/17

Enc 6 1655 8/17

SITE PLAN
OF
THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN
TANDIARPET MADRAS.
SCALE 1 INCH 33 FT.



R. Jackson 6.4.17
HON^RY ARCHITECT.
MADRAS.

E

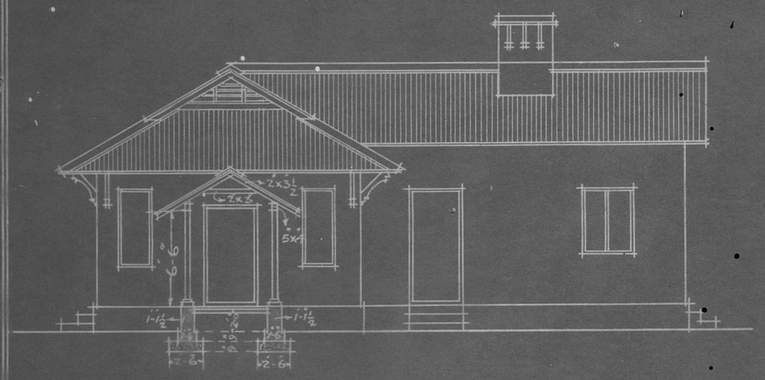
Site Plan

Enc E
1651 MB17

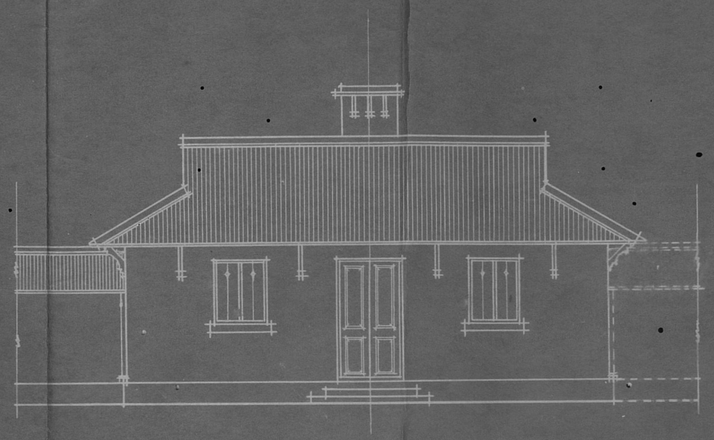
THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

KITCHEN STORE & DINING ROOM

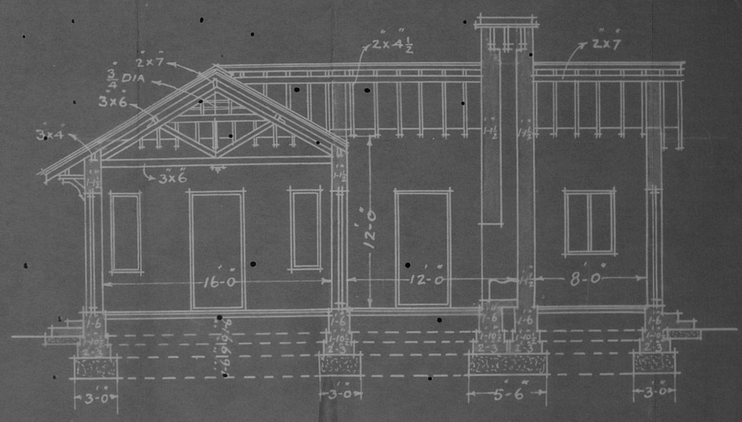
SCALE $\frac{1}{8}$ INCH = 1 FOOT



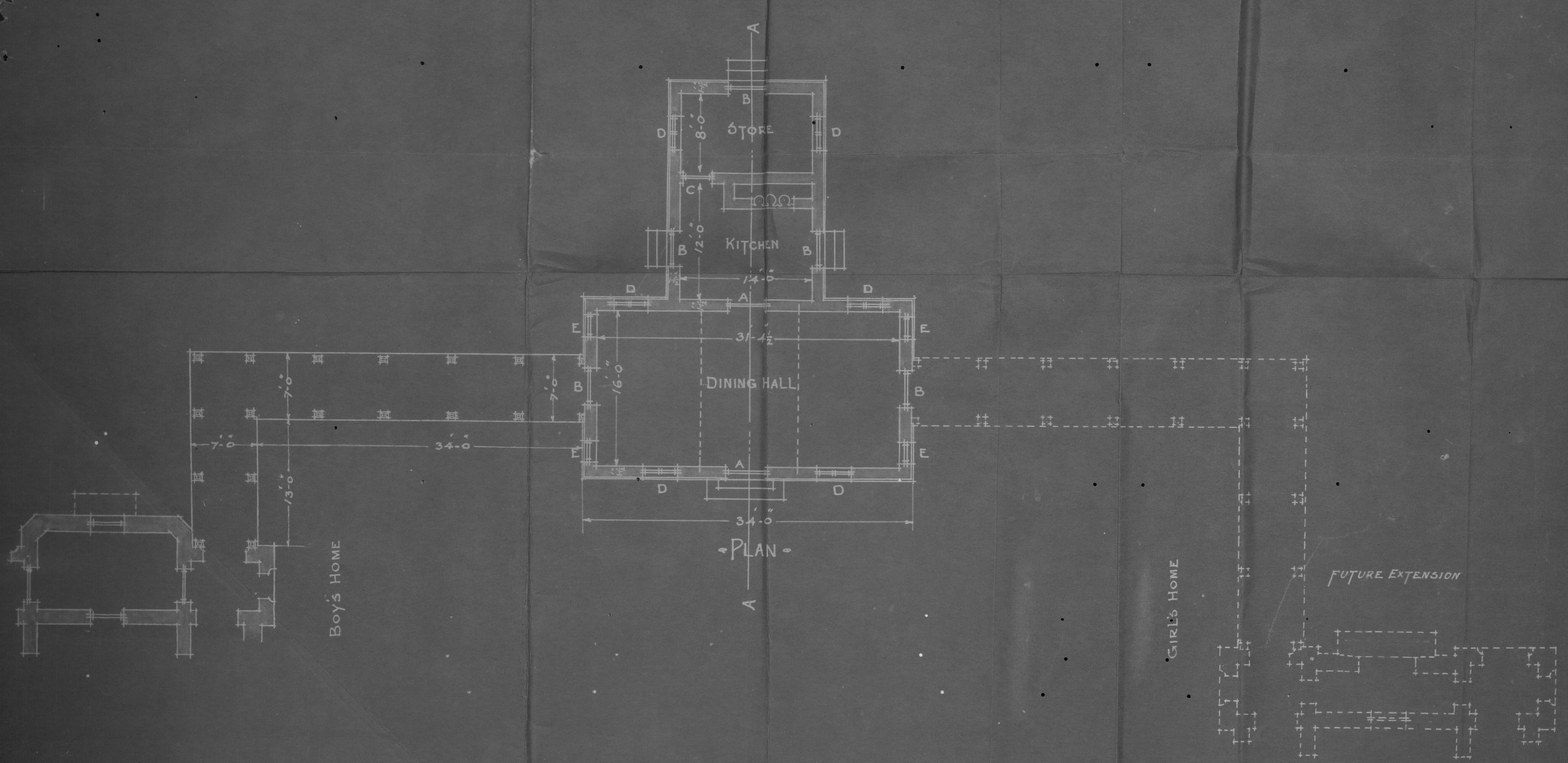
SIDE ELEVATION



FRONT ELEVATION



SECTION ON A.A



PLAN

R. Jackson
14.4.17.
HON^RY ARCHITECT
MADRAS.

C

151

Kitchen Slot & Dining Room

Plinth area = 1003 Sq ft.

Cost per Sq ft = $\frac{3100}{1003}$ = 3-1-5 1

Superseded
CB
27/9/17

X

Endorsed
14/9/17

d

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN.

KITCHEN AND DINING ROOMS.

Superseded
CKB
22/8/17

Enc 10.
1689 w 8/17

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

GENERAL SPECIFICATION TO ACCOMPANY THE ESTIMATE FOR

KITCHEN, STORE AND DINING ROOM.

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*****

FOUNDATIONS

A depth of 3'-0" is provided in the estimate, the lower 1'-6" will be of concrete broken brick in lime mortar and the rest will be of brick in lime mortar.

BASEMENT

will be of brick in lime mortar 1'-6" high.

SUPERSTRUCTURE

All walls will be of brick in clay except sides of doors and windows and top of walls will be of brick in lime mortar.

CUT STONE WORK

Templates under trusses and chimney supports will be of cut stone.

WOODWORK

All roof timbers will be of well seasoned Jarrah wood.

ROOFING

Roofing will be of Mangalore tiles over flat tiles supported on teak reepers.

FLOORING

All rooms rendered with cement ½" over a levelling course of concrete 4" thick.

DOORS AND WINDOWS

All doors and windows will be of country wood (Meyang).

FINISHING

FINISHING

The interior and exterior of walls will be plastered with ~~x~~2 coats of lime mortar.

All doors and windows will be painted 3 coats of approved paint and the roof timbers painted 2 coats.

All work will be done in accordance with the standard specification of the Madras P.W.D.

Sd. R. Jackson.
20-4-17
Architect.

KITCHEN STORE AND DINING ROOMS.

*****

EARTHWORK

EXCAVATION FOR FOUNDATIONS

Wall round Dining Hall	1	99-3	3-0	3-0	893
Wall 3 sides of Kitchen and store rooms	1	56-7½	3-0	3-0	510
Cross wall in do.	1	12-1½	3-0	3-0	109
Wall at cooking place	1	9-6	2-6	3-0	71
Step in front	1	8-6	2-3	0-9	14
do. in kitchen and store rooms	3	4-6	2-3	0-9	23
Total cft--					-------- 1620.

FILLING IN BASEMENT WITH EARTH.

Dining Hall	1	31-0	15-7½	1-2	565
Kitchen	1	13-7½	9-0	1-2	143
Extra in do.	1	4-1½	2-7½	1-2	13
do.	1	8-0	1-1½	1-6	14
Store	1	13-7½	7-7½	1-2	121
Total cft---					- -------- 856.

CONCRETE BROKEN BRICK IN LIME MORTAR.

Wall round Dining Hall	1	99-3	3-0	1-6	447
Wall 3 sides of kitchen and store rooms	1	56-7½	3-0	1-6	255
Cross wall in do.	1	12-1½	3-0	1-6	55
Wall at cooking place	1	9-6	2-6	1-6	36
Step in front	1	8-6	2-3	0-9	14
do. kitchen and store rooms	3	4-6	2-3	0-9	23

156

Total cft -----					-------- 830.
COUN[illegible] BRICK IN LIME MORTAR (FOUNDATIONS AND BASEMENT)					
1st footing.-					
Wall round Dining Hall	1	99-3	2-3	0-9	167
Wall 3 sides of Kitchen and store rooms	1	57-4½	2-3	0-9	97
Cross walls in do.	1	12-10½	2-3	0-9	22
Wall at cooking place	1	9-10½	2-3	0-9	17
2nd footing.-					
Wall round dining Hall	1	99-3	1-10½	0-9	140
Wall 3 sides of Kitchen and store rooms	1	57-9	1-10½	0-9	81
Cross wall in do.	1	13-3	1-10½	0-9	19
Wall at cooking place	1	10-3	1-10½	0-9	14
Basement.-					
Wall round Dining Hall	1	99-3	1-6	1-6	223
Wall 3 sides of Kitchen and store rooms	1	58-1½	1-6	1-6	131
Cross walls in do.	1	13-7½	1-6	1-6	31
Wall at cooking place	1	10-7½	1-6	1-6	24
Step in front	1	7.00	Volume		7
do. in rear	3	4-0	2-0	0-9	18
Total cft -----					---------- 991.
BRICK IN CLAY (SUPERSTRUCTURE)					
[illegible] round Dining Hall	1	99-3	1-1½	11-9	1312
[illegible] in do.	1	15-1½	1-1½	2-6	43
	1	16-3	1-1½	0-9	14
[illegible]des of Kitchen and [illegible]store rooms	1	58-6	1-1½	12-6	823

Cro[illegible] wall in do.	1	14-0	1-1½	12-6	197
Gab[illegible] do	2	15-1½	1-1½	2-6	85
Wall at cooking place	1	9-6	1-1½	12-10½	138
Gables over do.	1	9-6	1-1½	4-0	43
Side wall in do.	1	1-6	1-1½	16-3	27
Total cft	-----				2682
Deduct for.-					
Doors A	2	4-6	1-1½	8-6	86
do. B	5	4-0	1-1½	8-0	180
do. C	1	3-0	1-1½	7-0	24
Windows D	6	3-6	1-1½	4-6	106
do. E	4	2-6	1-1½	5-6	62
[illegible]ch openings rectangular portion in cooking place	1	5-0	1-1½	3-0	17
[illegible]. semi circular	1	9.80	area	1-1½	11
[illegible]k in lime mortar as per details below cft					207
[illegible]rk brick in lime mortar cft					132
Total deductions cft---					825
Net total cft---					1857.

[illegible]CK IN LIME MORTAR
[illegible]ERSTRUCTURE)

[illegible]ound Dining Hall	1	99-3	1-1½	1-0	112
[illegible]ides of Kitchen [illegible]tore rooms	1	58-6	1-1½	1-0	66
[illegible] in do.	1	14-0	1-1½	1-0	16
[illegible]oking place	1	9-6	1-1½	1-0	11
	1	1-6	1-1½	1-0	2
Total cft	-----				207.

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WORK COUNTRY BRICK IN LIME MORTAR					
er	2	5-7½	1-1½	1-1½	14
o. B	5	5-0	1-1½	1-1½	32
. C	1	3-9	1-1½	1-1½	5
er windows D	6	4-4½	1-1½	1-1½	33
do. E	4	3-1½	1-1½	1-1½	16
r arch opening	1	9-9	1-1½	1-1½	12
elieving arches over doors	2	8-0	1-1½	1-1½	20
Total cft-					----- 132.
T STONE WORK					
emplates under trusses	6	1-6	1-1½	0-6	5
Supports for chimney	2	3-0	1-0	0-6	3
Total cft----					------- 8.
TIMBER WROUGHT AND PUT UP					
Tie beam in Dining Hall	3	18-3	0-3	0-6	6.84
Principal rafters in do.	43x2	10-3	0-3	0-6	7.69
Struts do.	3x2	5-0	0-3	0-3	1.88
Principal hip rafters in do.	4	15-0	0-4	0-7	11.67
Purlins in do.	1	66-0	0-3	0-6	8.25
Ridge piece in do.	1	27-0	0-2	0-7	2.63
Co p rafters	4	13-6	0-3	0-5	5.63
Valley rafters	2	13-6	0-3	0-5	2.81
Common rafters over dining Hall	27	14-9	0-2	0-3½	19.36
do. at sides	2x17	10-0	0-2	0-3½	16.53
Rafters at valleys	12	10-0	0-2	0-3½	5.83
Wall plates	1	87-0	0-3	0-4	7.25

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Eave purlins	1	115-0	0-3	0-4	9.58
Bracket	10	3-0	0-2	0-3½	1.46
Horixon	10	23-0	0-2	0-3½	1.46
Corbels	10	1-0	0-3	0-3	0.63
Couple rafters over Kitchen and store room	34	11-9	0-2	0-4½	24.97
Collarpieces (large)	16	12-0	0-2	0-3½	9.33
do. ~~xxx~~ small	16	10-0	0-2	0-3½	7.78
Wall plate	1	50-0	0-3	0-4	4.17
Total cft -----					------- 155.75

DOORS BATTENED WITH FRAMES AND FITTINGS COMPLETE

Doors A	2	4-6		8-6	77
do. B	5	4-0		8-0	160
do. C	1	~~x~~3-0		7-0	21
Total sft------					------ 258.

WINDOWS BATTENEDWITH IRON BARS INCLUDING FRAMES AND FITTINGS COMPLETE

Windows D	6	3-6	4-6	95
do. E	4	2-6	5-6	~~x~~55
~~Xxx~~ Total sft -----				--------- 150.

WOODEN FIXED VENETIANED LOUVRES WITH FRAMES INCLUDING PAINTING ETC. COMPLETE

At roof ends	2	$\frac{8\text{-}0}{2}$	1-9	14
Total sft ---				--------- 14.

1681

ROOFING WITH MANGALORE TILES IMBEDDED IN MORTAR OVER TILES ON TEAK REEPERS COMPLETE					
Over dining hall	2	39-7½		14-6	1149
do. Kitchen and store rooms	2	20-9		11-6	477
Extra at louvres	2	6-6		1-9	23
Total sft ----					------- 1xx 1649
LEVELLING COURSE OF CONCRETE 4" THICK					
Dining Hall	1	31-0	15-7½		484
Kitchen	1	13-7½	9-0		123
do.	1	4-1½	2-7½		11
Store room	1	13-7½	7-7½		104
Total sft -----					------ 722.
RENDERING WITH PORTLAND CEMENT ½" THICK					
Dining Hall	1	31-4½	16-0		502
Kitchen	1	14-0	9-4½		131
do.	1	4-6	2-7½		12
Store room	1	14-0	8-0		112
Sills of doors A	2	4-6	0-9		7
do B	5	4-0	0-9		15
do. C	1	3-0	0-9		2
Top of steps in front	1	8-6	2-0		17
do. in rear	3	4-0	2-0		24
Total sft---					--------- 822.
PLASTERING WITH LIME MORTAR TWO COATS					
Interior,- Wall all round dining hall	1	94-9		12-1½	1149

161

Gable in do.	1	16-3		0-9	12
do. do.	1	16-3		5-6 / 2	45
Wall all round Kitchen	1	52-0		12-10½	670
Extra for chimney wall	1	2-7½		5-9	10
Wall round store room	1	44-0		12-10½	567
Gables	4	14-0 / 2		4-9	133
Sides of doors A	2	21-6	0-9		32
do. B	5	20-0	0-9		75
do. C	1	17-0	0-9		13
Sides of windows D	6	16-0	0-9		72
do. E	4	16-0	0-9		48
Arch opening	1	14-0	1-1½		16
Exterior.-					
Walls of Dining Hall	1	87-6		11-4½	995
do. Kitchen and store rooms	1	60-9		12-1½	737
Gable wall	1	16-3		5-6 / 2	45
Basement all round	1	149-0		1-6	224
Sidesof steps	2x45	3-0		0-6	12
Total	-----				4855

Deduct for.-

Doors A	2x2	4-6	8-6	153
do. B	2x5	4-0	8-0	320
do. C	2x1	3-0	7-0	42
Windows D	2x6	3-6	4-6	189
do. E	2x4	2-6	5-6	110
Arch openings at cooking place(rectangular)	1	5-0	3-0	15

162

do. semi circular	1	9.82 sft			10
Total deductions---					839
Net total sft ----					4016.

PAINTING THREE COATS

			Coefft		
Doors A	2	4-6	2¼	8-6	172
do. B	5	4-0	2¼	8-0	360
do. C	1	3-0	2¼	7-0	47
Windows D	6	3-6	2¾	4-6	260
do. E	4	2-6	2¾	5-6	151
Total sft------					990.

PAINTING TWO COATS

Tie beams in Dining Hall	3	18-3	1-6	82
Principal rafters in do.	3x2	10-3	1-6	92
Struts do.	3x2	5-0	1-0	30
Principal ~~rafx~~ hip rafters	4	15-0	1-6	90
Purlins in do.	1	66-0	1-6	99
Ridge piece in do.	1	27-0	1-4	36
Common hip rafters	4	13-6	1-1	59
Valley rafters	2	13-6	1-1	29
[illegible] rafters over dining hall	27	14-9	0-9	299
do. at sides	2x17	10-0	0-9	255
Rafters at valleys	12	10-0	0-9	90
[illegible]ave purlins	1	115-0	1-2	134
[illegible]rackets	10	3-0	0-11	28
[illegible]rizontals	10	3-0	0-11	28

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Corbels	10	1-0	1-0	10
Gable rafters over kitchen and store room	34	11-9	0-11	2366
Collar pieces large	16	12-0	0-11	176
do. small	16	10-0	0-11	147
Total -----				------- 2050.

FORMING FIRE PLACE ------ --------- L.S.

FINISHING UP THE CHIMNEY ----- ------ L.S.

WROUGHT IRON WORK FOR TRUSSES--- -------- L.S.

KITCHEN AND DINING HALL

EARTHWORK

1620 cft	Earthwork Excavation for foundations	6/0	cft 1000	10
cft	Filling in basementwith earth	5/0	,,	4

CONCRETE

830 cft	Concrete broken brick in lime mortar	20/6	cft 100	169

BRICKWORK

991 cft	Country brick in lime mortar (Foundations and basement)	27/0	,,	268
1857 cft	Country brick in clay (Super structure)	22/12	,,	422
207 cft	Country brick in lime mortar(Superstructure)	24/12	,,	51
132 cft	Archwork country brick in limemortar	30/8	,,	40

STONE ~~WK~~ WORK

8 cft	Cut stone work	2/0	Cft	16

WOOD WORK

155.75 ~~1XXXX~~ cft	Country wood wrought and put up	3/12	cft	584

DOORS AND WINDOWS

258 sft	Teak doors battened with frames and fittings complete	1/3	sft	306
150 sft	Teak windows battened with iron bars including frames and fittings complete	1/12	sft	263

14 sft	Wooden fixed venetianed louvres with frames including painting complete	1/2	sft	16
	ROOFING			
1649 sft	Roofing with Mangalore tiles imbedded in mortar over flat tileson teak reepers complete	24/12	sft 100	408
	FLOORING			
722 sft	Levelling course of concrete 4" thick	7/0	,,	51
822 sft	Rendering with Portland cement ½" thick	6/8	,,	53
	FINISHING			
4016 sft	Plastering with lime mortar two coats	3/9	,,	143
990 sft	Painting 3 coats	2/8	,,	25
2050 sft	Wood oiling 2 coats	1/2	,,	23
	MISCELLANEOUS			
L.S.	Forming fire place		L.S.	5
	Finishing up the chimney		L.S	7
	Wrought Iron work for trusses		L.S.	10
	T o t a l			2874
	Contingencies at 5 %			150
	Petty supervision at 2 ½ % ..			76
	Total of estimate Rs.		-----	3100

(Sd.) R. Jackson
20-4-17
A r c h i t e c t.

(94) R 1 Appendix