13/7/87

Archives I -10,006—16-8 77.

(1) Number of pages 106

33 (2) Date of repair 19.6.87

(3) Initials of the Referencer [illegible]

TAMIL NADU ARCHIVES

OVERNMENT OF TAMIL NADU

P.W.D. DEPARTMENT

G.O. No. B.P. No.	100 W.	Press. Mis.
Dated	14. 1. 1884. ~~19~~.	

o be folded or roughly handled

T/00 Boritkl with map
Sent to mending Section
to chiffon mending.

14th January 1884, No. 100 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From Major J. L. L. MORANT, R.E., Officiating Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepâk, 8th November 1883, No. 993.

With reference to the orders of Government marginally noted, I have the honor to enclose a standard design with specification and detailed quantities for a sub-registrar's office.

Office Note, No. 196 D., dated 30th Jan. 1883.
G.O., No. 788 W., dated 10th March 1883.

Enclosures.

DEPARTMENT PUBLIC WORKS.

REVISED DESIGN FOR A SUB-REGISTRAR'S OFFICE.

Specification of works to be performed in executing the standard designs for a Sub-registrar's Office according to drawings, sheets Nos. 23 *and* 24, *signed by the Officiating Consulting Architect on* 8*th November* 1883.

Excavator.

Clearing Site.—Take down any existing building on the site, stacking such materials as it may be desirable to use again.

Excavation.—After the center lines have been pegged and lined, set out on either side of the lines half the total breadth of the foundations, and excavate to the depth or depths shown on the drawing, or to such depth as the officer in charge of the works may direct.

Slips and Baling.—If slips occur during the progress of the works, clear the material away and bale any water lodging in the trenches from a hole or holes made without the limits of the same.

Ramming.—After the officer in charge of the work has seen that the trenches are the full and proper widths and depths, well ram the bottom with heavy beaters for the after-reception of the concrete.

Bricklayer.

Concrete.—Lay over the full breadth of the trenches about nine inches of concrete, as hereinafter specified, and well ram with heavy beaters to a thickness of about six inches. After the first layer has consolidated, lay a second, and execute as before. The complete concrete should be about twelve inches thick.

Brickwork.—Mark off carefully the center lines and lay off the thickness of the footing course according to the plan.

The brickwork will be executed in sound material, and care will be taken to insert, during the progress of the work, the door and window frames, wood-bricks for railing, &c.

The walls will be two bricks thick, about eighteen inches.

Splays.—The openings will be splayed as shown on the plan.

Arching.—The heads of the openings will be covered by segmental arches built in concentric rings clear of the frame.

The space between the arch and the top of the frame will be carefully closed in after the brickwork has settled down.

Bond.—The bond should be English, if possible.

Stones.—Set the stones under the verandah posts, also those under the beams, and fasten properly. All wood supplied by the carpenter.

Stone Mason.

Provide and dress two lines No. 4 stones 12″ × 12″ × 6″ with mortice holes 2″ square and 2″ deep to receive the verandah posts.

Steps.—Provide and dress two lines, the steps shown on the drawing, tailing each stone not less than 3″.

Carpenter.

Supply joists and rafters neatly planed and splayed.

Supply doors, windows and ventilator as shown in the drawing, neatly rebated and morticed in a workmanlike manner. The outside of the batten doors and windows of the record-room should be covered with thin sheet-iron.

Roofing.

Tiling.—Cover the roof with well-burnt flat and pan tiles laid in the usual manner, and the ridge with tiles specially made for the purpose.

Chunam Bands.—Protect the ridge with chunam and lay bands on the tiling — inches broad and — inches apart, rough cast on the surface.

Terrace.

Lay over ordinary terrace brick in mortar and finish off in the particular method employed in the district, taking care to make proper slopes for drainage.

Flooring.

After the surface has been brought up to the proper level lay an even floor of eight inches square tiles set diagonally. The tiles will be rubbed on the surface and gauged to fit each other.

Plastering.

Plaster the whole of the interior with two coats of plaster, and point or plaster the exterior to harmonize with the adjacent cutcherry buildings.

Materials.

The bricks will be cast in a mould — inches × — inches × — inches, well-burnt and free from defects.

The timber will be well-seasoned and free from defects.

The lime will be collected at — properly burnt and slaked.

The sand will be collected at —

Chepak,
8th November 1883.

(Signed) J. L. L. MORANT, Major, R.E.,
Offg. Consulting Architect to Government.

ESTIMATE FORM—DETAIL MEASUREMENTS.

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
Excavation for Foundation.					C. FT.	
Clerk's room walls front, rear and end	...	36 6	4 6	4 0	2,016	
Registrar's do. do. do. ...	...	51 0	4 6	4 0		
Record do. do. do. ...	...	24 6	4 6	4 0		
Spiral stairs	...	10 0	10 0	4 0	400	
Verandah walls	...	34 0	3 6	4 0	476	
Steps	...	8 0	2 0	1 6	24	
					2,916	C. FT. 2,916
Concrete.						
12″ thick = ¼ of excavation ...	...	...	...	...	729	729
Brickwork in foundation and basement footings.						
Clerk's room walls front, rear and end	...	38 6	2 6	1 6	435	
Registrar's do. do. do. ...	...	51 0	2 6	1 6		
Record do. do. do. ...	...	26 6	2 6	1 6		
Spiral stairs, taken solid square to ground	...	8 0	8 0	1 6	96	
Verandah walls	...	36 0	1 6	1 6	81	

Estimate Form—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
Above Footings to Floor-level.					C. FT.	C. FT.
Clerk's room front, rear and end walls	...	39 6	1 6	3 6	207	
Registrar's do. do. do. ...	...	51 0	1 6	3 6	268	
Record do. do. do. ...	...	27 6	1 6	3 6	144	
Spiral stairs	...	7 0	7 0	3 6	172	
Verandah walls	...	37 0	0 9	3 0	83	
Steps	...	8 0	2 0	1 1½	18	
Extra thickness for plinth ...	...	86 9	0 3	3 6	76	
						1,580
Deductions—						
Spiral angle	...	2 9	area.	2 0	6	
Stone steps and under posts as per details	...	...	...	...	12	
						18
						1,562
Brickwork in Superstructure.						
Clerk's room walls front, rear and end.	...	39 6	1 6	10 9	1,459	
Registrar's do. do. do. ...	...	51 0	1 6	10 9		
Record do.	...	27 6	1 6	9 9	402	
Do. upper portion ...	...	39 0	1 6	9 0	527	
Spiral (taken square)	...	7 0	7 0	19 6	956	
Do. upper portion 6′ 6″ diameter.	...	33 2	area.	6 6	216	
Gables	1	11 6	1 6	2 0	74	
Do.	1	13 0	1 6	2 0		
						3,634
Deductions—						
Door	1	4 0	1 6	7 6	45	
Do.	1	2 3	1 6	7 0	24	
Windows	4	3 6	1 6	4 3	89	
Do.	7	1 9	1 6	4 3	78	
Spiral doorways	2	2 0	1 6	6 6	39	
Do. upper	1	2 0	1 0	4 6	10	
Spiral void 4—6 dia.	...	15 10	area.	26 0	412	
Do. angle	...	2 9	area.	19 6	54	
Arch in registrar's room ...	1	8 0	1 6	8 0	96	
Ventilator in do. ...	1	3 6	1 6	1 9	9	
Archwork as per details ...	...	...	...	...	100	
						956
						2,678
Archwork.						
Over door	1	5 0	1 6	1 0	70	
Do.	1	3 0	1 6	1 0		
Windows	4	4 6	1 6	1 0		
Do.	7	2 3	1 6	1 0		
Spiral doorway	2	2 6	1 6	1 0		
Do.	1	2 6	1 0	1 0	3	
Arch in registrar's room	1	10 6	1 6	1 3	20	
Do. for ventilator	1	4 6	1 6	1 0	7	
					100	
Cut-stone in steps, &c.						
Steps	...	16 6	1 3	0 6	10	
Slabs under posts	4	1 0	1 0	0 6	2	
					12	12

Estimate Form.—Detail Measurements—*cont.*

Detail of Work.	Number.	MEASUREMENTS IN FEET.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
Teakwood.					C. FT.	
Verandah posts	4	6 4	0 5	0 5	4	
Do. Breastsummer	1	31 0	0 5	0 6	6	
Cleats	16	0 7½	0 2½	0 3	1	
Brackets	8	1 10½	0 3	0 8	1	
Planks, two taken together ...	4	1 3	1 3	0 1½	1	
Do. at base of posts	16	0 1½	0 8	0 4½	1	
Clerk's room—						
Rafters	5	7 6	0 3	0 3½	15	
Do.	11	8 6	0 3	0 3½		
Do.	8	10 0	0 3	0 3½		
Collar pieces, upper	11	5 0	0 2½	0 3	3	
Do. lower	11	10 0	0 3	0 3½	8	
Wall-plates	2	19 0	0 3	0 3	3	
Ridge piece at gable end ...	1	2 6	0 3	0 3		
Registrar's room—						
Rafters	12	9 6	0 3	0 3½	14	
Do.	8	7 0	0 3	0 3½		
Small rafters	6	4 9	0 3	0 3½		
Collar pieces, upper	9	4 6	0 2½	0 3	2	
Do. lower	9	9 0	0 3	0 3½	6	
		Average length.				
Wall-plates	2	15 6	0 3	0 3	2	
Ridge piece at gable end ...	1	2 6	0 3	0 3		
Record-room—						
Joists	18	11 6	0 3	0 6	26	
Spiral roof—						
Rafters	8	5 0	0 3	0 3	3	
Wall-plates including wastage.	4	4 6	0 6	0 3	2	
Block	1	1 0	1 0	0 9	3	
Finial	1	1 0	1 0	2 6		
Gable finishing—						
Brackets (may be made of three pieces)	5	1 6	0 3	1 3	2	
Gable collars	2	5 0	0 3	0 3	1	
Do. uprights...	2	1 0	0 3	0 3		
Do. planks (two taken together)	2	2 6	1 3	0 1½	1	
Reepers for tiled roofing	...	2,143 0	0 2	0 ¾	22	
Record racks in upper and lower floor uprights	60	0 2	0 2	8 0	13	
Ties	30	1 6	0 1½	0 2	2	
Do.	14	2 6	0 1½	0 2		
Horizontal bars	24	10 0	0 1	0 3	14	
Do.	36	7 6½	0 1	0 3		
Do.	24	7 6½	0 1	0 3		
Battens	72	10 0	0 2	0 ¾	24	
Do.	72	7 8	0 2	0 ¾		
Do.	132	7 8	0 2	0 ¾		
					180	C. FT. 180

Estimate Form.—Detail Measurements—*cont.*

Detail of Work.	Number.	MEASUREMENTS IN FEET.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
Venetian and Panel Doors including Frames.					SQ. FT.	
Entrance door	1	4 0	...	7 6	30	
Batten Doors with Frames covered with sheet-iron outside.						
Entrance to record-room	1	2 3	...	7 0	16	
Door from spiral to terrace ...	1	2 0	...	4 6	9	
					25	
Venetian Windows with Frames.						
......	4	3 6	...	4 3	60	
......	1	1 9	...	4 3	7	
					67	
Batten windows with glazed shutters and iron bars for record-room outside of batten shutters covered with sheet-iron.	6	1 9	...	4 3	45	
Glazed ventilator with frames ...	1	3 6	...	2 0	7	
Railing in clerk's room	...	...	...	...	...	L. FT. 9·50
Cornice for record-room	...	...	...	...	...	52
Spiral steps	...	...	...	...	...	Steps. 26
Roofing with flat and pan tiles and chunam bands.						
Clerk's room	...	9 0	17 0	...	153	
Do.	...	11 0	19 0	...	209	
Registrar's room	...	15 0	16 6	...	248	
Verandah	...	17 6	8 6	...	149	
Do.	...	13 0	7 6	...	98	
					857	SQUARES. 8·57
Terrace Roofing.						
Record-room	1	11 0	11 0	...	121	
Do. upper	1	13 0	12 6	...	163	
					284	2·84
Slope Terracing for Spiral Roof.						
......	...	12 6	5 6	...	69	·69
Flooring with 8-inch square bricks.						
Clerk's room	...	16 0	11 6	...	184	
Registrar's room	...	10 0	12 6	...	125	
Archway	...	8 0	1 6	...	12	
Door piece	...	4 0	1 0	...	7	
Do.	...	2 3	1 0	...		

Estimate Form—Detail Measurements—*cont.*

Detail of Works.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
Flooring with 8-inch square bricks—cont.					SQ. FT.	SQUARES.
Verandah	...	16 0	6 0	...	96	
Do.	...	11 6	5 0	...	58	
					482	4·82
Flooring with asphalte ¾-inch thick over a 5-inch bed of concrete.						
Lower record-room	...	10 0	10 0	...	100	
Door piece	...	2 3	1 0	...	2	
Spiral door	...	2 0	1 6	...	3	
Entrance to spiral	...	2 0	4 0	...	8	
					113	1·13
Plastering Interior.						
Clerk's room	...	55 0	...	10 9	591	
Do. gables	2	11 6	...	3 10	88	
Registrar's room	...	45 0	...	10 9	484	
Do. gables	2	10 0	...	3 4	67	
Record-room	2	40 0	...	9 0	720	
Spiral	...	14 0	...	25 6	357	
Door jambs	1	19 0	...	1 0	19	
Do.	1	16 3	...	1 6	24	
Spiral door	2	15 0	...	1 6	45	
Do.	1	11 0	...	0 9	8	
Windows jambs	4	15 6	...	1 0	62	
Do.	7	12 0	...	1 0	84	
Ventilator do.	1	11 0	...	1 0	11	
Arch do.	1	23 0	...	1 6	35	SQ. FT. 2,595
Deductions—						
Door	1	4 0	...	7 6	30	
Do.	2	2 3	...	7 0	32	
Do.	4	2 0	...	6 6	52	
Do.	1	2 0	...	4 6	9	
Windows	4	3 6	...	4 3	112	
Do.	7	1 9	...	4 3		
Ventilator	1	3 6	...	1 9	6	
Archway	2	8 0	...	8 0	128	
						369
						2,226
Pointing or Plastering Exterior.						SQUARES. 22·26
Walls	...	73 6	...	12 0	882	
Gables	1	15 6	...	5 2	80	
Do.	1	13 0	...	4 4	56	
Record-room walls	...	30 6	...	22 0	671	
Do.	1	13 0	...	6 0	78	
Spiral	...	9 6	...	22 0	209	
Do. upper portion	...	20 6	...	5 0	103	
Verandah basement	...	38 0	...	1 6	57	
Door jambs	1	19 0	...	0 6	10	
Do.	1	11 0	...	0 3	3	
Window jambs	4	15 6	...	0 6	31	
Do.	7	12 0	...	0 6	42	
Ventilator	1	11 0	...	0 6	6	SQ. FT. 2,228

Estimate Form.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
					SQ. FT.	SQ. FT.
Brought forward ...	...	...	...	...	...	2,228
Pointing or Plastering Exterior—cont.						
Deductions—						
Door	1	4 0	...	7 6	30	
Do.	1	2 0	...	4 6	9	
Windows	4	3 6	...	4 3	112	
Do.	7	1 9	...	4 3		
Ventilator	1	3 6	...	1 9	6	
						157
						2,071
Painting doors, windows and exposed wood-work with three coats of Carson's oak paint.						SQUARES. 20·71
Venetians and panel doors ...	3	4 0	...	7 6	90	
Batten doors	2	2 3	...	7 0	32	
Do.	2	2 0	...	4 6	18	
Venetian windows	8	3 6	...	4 3	119	
Do.	4	1 9	...	4 3	30	
Batten windows with glazed shutters and iron bars	18	1 9	...	4 3	134	
Glazed ventilators	2	3 6	...	2 0	14	
Verandah posts	4	6 0	...	1 8	40	
Brackets	8	1 6	...	1 6	18	
Rafters at gable ends	2	10 0	...	0 9	29	
Do. do.	2	9 6	...	0 9		
Brackets at gables	5	1 6	...	1 6	11	
Gable collars	2	5 0	...	1 0	12	
Do. uprights	2	1 0	...	1 0		
Do. planks	4	2 6	...	1 3	13	
					560	5·60
Wood-oiling.						
Roof timbers	...	...	...	...	857	
Record racks	...	...	...	...	1,084	
Railing	...	...	...	...	57	
					1,998	20

ESTIMATE FORM.—ABSTRACT.

Quantity.	Description of Work.	Rate.	Per.	Amount.	Total.
		RS.		RS.	RS.
2,916	Excavation for foundation	...	1,000 C. ft.	...	
729	Concrete	...	100 C. ft.	...	
1,562	Brickwork in foundation and basement ...	...	”	...	
2,678	Do. in superstructure	...	”	...	
100	Archwork	...	”	...	
12	Cut-stone in steps and under posts	...	C. ft.	...	
180	Teakwood wrought and put up	...	”	...	
30	Venetian and panel door with frames ...	...	Sq. ft.	...	

Estimate Form.—Abstract—*cont.*

Quantity.	Description of Work.	Rate.	Per.	Amount.	Total.
		RS.		RS.	RS.
25	Batten-doors covered on the outside with sheet iron				
67	Venetian windows do.	...	Sq. ft.	...	
45	Batten windows with glazed shutters and iron bars covered with sheet-iron on the outside...	...	”	...	
7	Glazed ventilator with frames	...	”	...	
9·50	Railing in clerk's room	...	”	...	
52	Cornice record-room	...	L. ft.	...	
26	Spiral steps	...	”	...	
8·57	Roofing with flat and pan tiles, chunam bands.	...	Step.	...	
2·84	Terrace roofing for record-room	...	Square.	...	
·69	Slope terracing for spiral roof	...	”	...	
4·82	Flooring with 8-inch sq. bricks over a levelling course of wall bricks	...	”	...	
1·13	Flooring lower record-room with asphalte ⅝-inch thick	...	”	...	
22·26	Plastering interior two coats	...	”	...	
20·71	Pointing or plastering exterior	...	”	...	
5·60	Painting doors, windows, and exposed woodwork with three coats of Carson's oak paint...	...	”	...	
20	Wood-oiling roof timbers three coats	...	”	...	
	Add extra for turning finial finishing brackets, &c., ...	...	...	...	
	Contingencies at 5 per cent.	...	...	25	
		...	...	...	
		Grand Total of Estimate ..			

Station,
8th November 1883.

(Signed) J. L. L. MORANT, Major, R.E.,
Offg. Consulting Architect to Government.

Endorsement in the Judicial Department, dated 15th December 1883, No. 2456.
Memorandum to the do. do., dated 20th ” ” No. 2585 C.T.
Endorsement from do. do., dated 10th January 1884, No. 57.

Order—dated 14th January 1884, No. 100 W., Public Works.

Ordered that copies of the type plan and estimate submitted by the Consulting Architect to Government be circulated to officers of the Public Works Department for use when registration offices are to be built in the same compound with cutcherries on the standard plan.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To Superintending Engineers,
To the Consulting Architect to Government,
” Judicial Department,
} with copies of type plan and estimate.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated January, 14th.

Recd. Encl.

G.O., 14th Jan. 1884, No. 100 W.

JANUARY.

Sub-Registrar's Office

Circulating type plan and estimates for constructing a — in the same compound with cutcherries on the standard plan.

Department Public Works

Revised Design for a Sub Registrar's Offices

Specification of works to be performed in executing the Standard Designs for a Sub-Registrar's Office according to Drawings, Sheets No. 23 & 24 signed by the Offg Consulting Architect on 8th November 18

Excavation

Clearing site.— Take down any existing building on the site, stacking such materials as it may be desirable to use again.

Excavation After the centre lines have been pegged and lined, set out on either side of the lines half the total breadth of the foundations, and excavate to the depth or depths shown on the drawing, or to such depth as the officer in charge of the works may direct.

Slips and Baling— If slips occur during the progress of the works, clear the material away and bale any water lodging in the trenches from a hole or holes made with out the limits of the same.

Ramming

After the Officer in charge of the work has seen that the trenches are the full and proper widths and depths, well ram the bottom with heavy beaters for the after reception of the concrete.

Bricklayer

Concrete

Lay over the full breadth of the trenches about nine inches of concrete as hereinafter specified and well ram with heavy beaters to a thickness of about six inches. After the first layer has consolidated, lay a second and execute as before - The complete concrete should be about twelve inches thick.

Brickwork

Mark off carefully the centre lines and lay off the thickness of the footing course according to the Plan

The brickwork will be executed in sound material, and care will be taken to insert during the progress of the work the door and window frames, wood-bricks for railing &c.

The walls will be two bricks thick, about eighteen inches.

Splays

The openings will be splayed as shown on the plan-

Arching

The heads of the openings will be covered by segmental arches built in concentric rings clear of the frame.

The space between the arch and the top of the frame will be carefully closed in after the brickwork has settled down.

Bond

The bond should be English if possible.

Stones

Set the stones under the Verandah posts, also those under the beams and fasten properly. All wood supplied by the Carpenter.

Stone Mason.

Provide and dress two lines No. 4 stones 12" x 12" x 6" with mortice holes 2" square and 3" deep to receive the Verandah posts.

Steps

Provide and dress two lines, the steps shown on the drawing, tailing each stone not less than 3".

Carpenter

Supply joists and rafters neatly planed & splayed.

Supply doors windows and ventilator as shown in the drawing neatly rebated and morticed in a workmanlike manner. The outside of the batten doors and windows of the Record room should be covered with thin sheet iron.

Roofing

Tiling

Cover the roof with well burnt flat & pantiles laid in the usual manner and the ridge with tiles specially made for the purpose.

Chunam ban

Protect the ridge with chunam and lay bands on the tiling   inches broad and   inches apart rough cast on the surface.

Terrace.

Lay over ordinary terrace brick in mortar and finish off in the particular method employed in the District, taking care to make proper slopes for drainage

Flooring.

After the surface has been brought up to the proper level lay an even floor of 8 inches sqre tiles set diagonally. The tiles will be rubbed on the surface and gauged to fit each other.

Plastering.

Plaster the whole of the interior with two

coats of plaster and point or plaster the exterior to harmonize with the adjacent Cutcherry buildings.

Materials.

The bricks will be cast in a mould   inches x   inches x   inches, well burnt and free from defects.

The timber will be well seasoned and free from defects.

The lime will be collected at   properly burnt and slaked.

The sand will be collected at

J R L Morant

Major R.E.

Offg Consg Archt. to Govt.

Consg Archt's Office
Chepauk 8th Novr 1883.

[P. W. D. Code, Paras. 1074 and 1075.]

P. W. D. Form
No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
16	3	4	4	4	4	5
Excavation for foundations						
Clerks room walls front, rear & end		36 – 6	4 – 6	4 – 0	2016	
Registrars Do. Do.		51 – 0	4 – 6	4 – 0		
Record Do. Do.		24 – 6	4 – 6	4 – 0		
Spiral stairs		10 – 0	10 – 0	4 – 0	400	
Verandah walls		34 – 0	3 – 6	4 – 0	476	
Steps		8 – 0	2 – 0	1 – 6	24	
Cubic feet					2916	
Concrete 12" thick = ¼ of excavation = Cubic ft.						729
Brickwork in foundations & basement footings.						
Clerks room walls front, rear & end		38 – 6	2 – 6	1 – 6	435	
Registrars Do. Do.		51 – 0	2 – 6	1 – 6		
Record room Do. Do.		26 – 6	2 – 6	1 – 6		
Spiral stairs, taken solid sqr. to ground		8 – 0	8 – 0	1 – 6	96	
Verandah walls		36 – 0	1 – 6	1 – 6	81	
Above footings to floor level						
Clerks room front rear & end walls		39 – 6	1 – 6	3 – 6	207	
Registrars Do. Do.		51 – 0	1 – 6	3 – 6	268	
Record room Do. Do.		27 – 6	1 – 6	3 – 6	144	
Spiral stairs		7 – 0	7 – 0	3 – 6	172	
Verandah walls		37 – 0	0 – 9	3 – 0	83	
Steps		8 – 0	2 – 0	1 – 1½	18	
Carried over c.ft.					1504	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Brought forward Cubic ft.					1504	
Extra thickness for plinth		86-9	0-3	3-6	76	
						1580
Deductions						
Spiral angle		2-9	area	2-0	6	
Stone steps & under posts as per details					12	
						18
Cubic feet						1562
Brickwork in Superstructure						
Clerk's room walls front rear & end		39-6	1-6	10-9		
Registrars Do. Do.		51-0	1-6	10-9	1459	
Record room		27-6	1-6	9-9	402	
Do. upper portion		39-0	1-6	9-0	527	
Spiral (taken square)		7-0	7-0	19-6	956	
Do. upper portion 6-6 dia.		33-2	area	6-6	216	
Gables	1	11-6	1-6	2-0		
Do.	1	13-0	1-6	2-0	74	
						3634
Deductions						
Door	1	4-0	1-6	7-6	45	
Do.	1	2-3	1-6	7-0	24	
Windows	4	3-6	1-6	4-3	89	
Do.	7	1-9	1-6	4-3	78	
Spiral door way	2	2-0	1-6	6-6	39	
Do. upper	1	2-0	1-0	4-6	10	
Carried over Cub. ft.					285	3634

[P. W. D. Code, Paras. 1074 and 1075.]

P. W. D. Form
No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Brought forward Cubic ft.					285	3634
Spiral void 4-6 diat.		15-10	area	26-0	412	
Do. angle		2-9	area	19-6	54	
Arch in Registrars room	1	8-0	1-6	8-0	96	
Ventilator in Do.	1	3-6	1-6	1-9	9	
Archwork as per details					100	
						956
Cubic feet						2678
Archwork						
Over door	1	5-0	1-6	1-0		
Do.	1	3-0	1-6	1-0		
Windows	4	4-6	1-6	1-0	70	
Do.	7	2-3	1-6	1-0		
Spiral doorway	2	2-6	1-6	1-0		
Do.	1	2-6	1-0	1-0	3	
Arch in Registrar's room	1	10-6	1-6	1-3	20	
Do. for Ventilator	1	4-6	1-6	1-0	7	
Cubic ft.					100	
Cutstone in steps &c.						
Steps	-	16-6	1-3	0-6	10	
Slabs under posts	4	1-0	1-0	0-6	2	
Cubic ft.					12	

2678 [illegible] Arch [illegible]

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Teakwood						
Verandah posts	4	6-4	0-5	0-5	4	
Do Breastsummer	1	31-0	0-5	0-6	6	
Cleats	16	0-7½	0-2½	0-3	1	
Brackets	8	1-10½	0-3	0-3	1	
Planks - two taken together	4	1-3	1-3	0-1½	1	
Do at base of posts	16	0-1½	0-9	0-4½	1	
Clerks room						
Rafters	5	7-6	0-3	0-3½	15	
Do	11	8-6	0-3	0-3½		
Do	8	10-0	0-3	0-3½		
Collar pieces upper	11	5-0	0-2½	0-3	3	
Do lower	11	10-0	0-3	0-3½	8	
Wall plates	2	17-0	0-3	0-3	3	
ridge piece at Gable end	1	2-6	0-3	0-3		
Registrars room						
Rafters	12	9-6	0-3	0-3½	14	
Do	8	7-0	0-3	0-3½		
	6	4-9	0-3	0-3½		
Small rafters	9	4-6	0-2½	0-3	2	
Collar pieces upper						
Do lower	9	9-0 average length	0-3	0-3½	6	
Wall plates	2	15-6	0-3	0-3	2	
ridge piece at Gable end	1	2-6	0-3	0-3		
Record room						
Joists	18	11-6	0-3	0-6	26	
Spiral roof						
Rafters	8	6-0	0-3	0-3	3	
Wall plates including wastage	4	4-6	0-6	0-3	2	
		Carried over Cft.			93	

[P. W. D. Code, Paras. 1074 and 1075.]

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P. W. D. Form
No. M 204.

11

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Brought forward Cft.					93	
Block	1	1-0	1-0	0-9	3	
Finial	1	1-0	1-0	2-6		
Gable finishing						
Brackets (may be made of 3 pieces)	5	1-6	0-3	1-3	2	
Gable collars	2	5-0	0-3	0-3	1	
Do uprights	2	1-0	0-3	0-3		
Do planks (two taken together)	2	2-6	1-3	0-1½	1	
Reapers for tiled roofing		2143-0	0-2	0-¾	22	
Record racks in upper & lower floor						
Uprights	60	0-2	0-2	8-0	13	
Ties	30	1-6	0-1½	0-2	2	
Do	14	2-6	0-1½	0-2		
Horizontal bars	24	10-0	0-1	0-3	14	
Do	36	7-6½	0-1	0-3		
Do	24	7-6½	0-1	0-3		
Battens	72	10-0	0-2	0-¾	24	
Do	72	7-8	0-2	0-¾		
Do	132	7-8	0-2	0-¾		
		Cubic feet			180	
Venetian and panel doors including frames						
Entrance door	1	4-0		7-6	30	Sq ft

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
Batten doors with frames covered with sheet iron outside						
Entrance to Record room	1	2 – 3		7 – 0	16	
Door from spiral to terrace	1	2 – 0		4 – 6	9	
			Square ft.		25	
Venetian windows with frames						
	4	3 – 6		4 – 2	60	
	1	1 – 9		4 – 3	7	
			Square ft.		67	
Batten Windows with Glazed shutters and Iron bars for Record room outside of batten shutters covered with sheet iron –	6	1 – 9		4 – 3	45	Sq ft.
Glazed Ventilator with frames	1	3 – 6		2 – 0	7	Sq ft.
Railing in Clerks room				Lineal ft.	9.50	
Cornice for Record room				Lineal ft.	52	
Spiral Steps				steps	26	
Roofing with flat & pantiles and chunam bands.						
Clerks room		9 – 0		17 – 0	153	
Do		11 – 0		19 – 0	209	
	Carried over Sq ft.				362	

P. W. D. Form
No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
Brought forward Square ft.					362	
Registrars room		15 – 0		16 – 6	248	
Verandah		17 – 6		8 – 6	149	
Do		13 – 0		7 – 6	98	
			Square ft.		857	
					Squares.	8.57
Terrace roofing						
Record room	1	11 – 0		11 – 0	121	
Do upper	1	13 – 0		12 – 6	163	
				Square ft.	284	
					Squares	2.84.
Slope terracing for spiral roofs						
		12 – 6		5 – 6	69	Square ft.
					Squares	.69
Flooring with 8" Square bricks						
Clerk's room		16 – 0		11 – 6	184	
Registrar's Do		10 – 0		12 – 6	125	
Archway		8 – 0		1 – 6	12	
Door piece		4 – 0		1 – 0	7	
Do		2 – 3		1 – 0		
Verandah		16 – 0		6 – 0	96	
Do		11 – 6		5 – 0	58	
				Square ft.	482	
					Squares	4.82.

Offg Consg Archt 15.3.00

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Flooring with asphalte 3/4 inch thick over a 5 inch bed of concrete						
Lower Record room		10 – 0		10 – 0	100	
Door piece		2 – 3		1 – 0	2	
Spiral door		2 – 0		1 – 6	3	
Entrance to spiral		2 – 0		4 – 0	8	
			Square ft		113	
				Squares		1.13
Plastering interior						
Clerks room		55 – 0		10 – 9	591	
Do Gables	2	11 – 6		3 – 10	88	
Registrars room		45 – 0		10 – 9	484	
Do Gables	2	10 – 0		3 – 4	67	
Record room	2	40 – 0		9 – 0	720	
Spiral		14 – 0		25 – 6	357	
Door jambs	1	19 – 0		1 – 0	19	
Do	1	16 – 3		1 – 6	24	
Spiral Door	2	15 – 0		1 – 6	45	
Do	1	11 – 0		0 – 9	8	
Window Jambs	4	15 – 6		1 – 0	62	
Do	7	12 – 0		1 – 0	84	
Ventilator Do	1	11 – 0		1 – 0	11	
Arch Do	1	23 – 0		1 – 6	35	
						2595
Deductions						
Door	1	4 – 0		7 – 6	30	
		Carried over Sq ft			30	2595

[P. W. D. Code, Paras. 1074 and 1075.]

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13/13

P. W. D. FORM
No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Brought forward Sq ft					30	2595
Door	2	2 – 3		7 – 0	32	
Do	4	2 – 0		6 – 6	52	
Do	1	2 – 0		4 – 6	9	
Windows	4	3 – 6		4 – 3	112	
Do	7	1 – 9		4 – 3		
Ventilator	1	3 – 6		1 – 9	6	
Archway	2	8 – 0		8 – 0	128	
						369
					Square feet	2226
					Squares	22.26
Pointing or plastering exterior						
Walls		73 – 6		12 – 0	882	
Gables	1	15 – 6		5 – 2	80	
Do	1	13 – 0		4 – 4	56	
Record room walls		30 – 6		22 – 0	671	
Do	1	13 – 0		6 – 0	78	
Spiral		9 – 6		22 – 0	209	
Do upper portion		20 – 6		5 – 0	103	
Verandah basement		38 – 0		1 – 6	57	
Door Jambs	1	19 – 0		0 – 6	10	
Do	1	11 – 0		0 – 3	3	
Window Jambs	4	15 – 6		0 – 6	31	
Do	7	12 – 0		0 – 6	42	
Ventilator	1	11 – 0		0 – 6	6	
		Carried Over				2228

Offg. Consg. Archt. to Govt.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
Brought forward Sq ft.						2228
Deductions						
Door	1	4-0		7-6	30	
Do	1	2-0		4-6	9	
Windows	4	3-6		4-3 }		
Do	7	1-9		4-3 }	112	
Ventilator	1	3-6		1-9	6	
						157
Square ft.						2071
Squares						20.71
Painting doors, windows and exposed wood work with 3 coats of carson's oak paint						
Venetian & panel Doors	3	4-0		7-6	90	
Batten Doors	2	2-3		7-0	32	
Do	2	2-0		4-6	18	
Venetian windows	8	3-6		4-3	119	
Do	4	1-9		4-3	30	
Batten Windows with Glazed shutters and Iron bars	18	1-9		4-3	134	
Glazed Ventilators	2	3-6		2-0	14	
Verandah posts	4	6-0		1-8	40	
Brackets	8	1-6		1-6	18	
Rafters at Gable ends	2	10-0		0-9 }		
Do	2	9-6		0-9 }	29	
Carried over Sq ft.					524	

P. W. D. Form
No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
Brought forward Sq ft.					524	
Brackets at Gables	5	1-6		1-6	11	
Gable Collars	2	5-0		1-0 }		
Do uprights	2	1-0		1-0 }	12	
Do planks	4	2-6		1-3	13	
Sq ft.					560	
Squares.						5.60.
Wood oiling						
Roof timbers					657	
Record racks					1084	
Railing					57	
Square ft					1798	
Squares						20.

Offg Consg Archt to Govt.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		

Est 4381/4 16

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount.	Total.
		RS.		RS.	RS.
2916	Excavation for foundations		1000 cft		
729	Concrete		100 cft		
1562	Brickwork in foundations & basement		"		
2678	Do in superstructure		"		
100	Archwork		"		
12	Cutstone in steps and under posts		cft		
180	Teakwood wrought and put up		"		
30	Venetian and panel door with frames		Sq ft		
25	Batten doors covered on the outside with sheet iron		"		
67	Venetian windows Do		"		
45	Batten Windows with glazed shutters & Iron bars, covered with sheet iron on the outside.		"		
7	Glazed Ventilator with frames		"		
9.50	Railing in Clerks room		Lft		
62	Cornice record room		"		
26	Spiral steps		Step		
8.57	Roofing with flat & pan tiles chunam bands		Square		
2.84	Terrace roofing for record room		"		
.69	Slope terracing for spiral roof		"		
4.82	Flooring with 8" sq: bricks over a levelling course of wall bricks		"		
1.13	Flooring lower Record room with asphalte 3/4" thick		"		
22.26	Plastering interior 2 coats.		"		
20.71	Pointing or plastering exterior		"		
5.60	Painting doors windows & exposed wood work with 3 coats of Carson's oak paint		"		
20	Wood-oiling roof timbers 3 coats.				
	Add extra for turning finial finishing brackets &c				25
	Contingencies at 5 percent.				

Grand Total of Estimate ..

Station

Dated 8th November 1883

J R de Morant Major R.E.
~~Executive Engineer~~
Offg Consg Archt. to Govt.

NOTES.

REFERENCE TO MADRAS P. W. D. CODE.

PARAS. 1074, 1075, 1086, 1087, 1091 TO 1094, 1108, 1111 TO 1114, 1130 AND 1145 TO 1147.

(1.)—ABSTRACTS of Estimates should be prepared under such sub-heads as are to be separately shown in the Accounts (Register of works, work-vouchers, &c.) of the work. For repairs of buildings and roads, the classification of the Budget Estimate should be strictly followed, one estimate only being framed for each Budget entry, and if a further estimate is required, it should be supplemental to the first; by this means, as the Work Abstracts follow the estimates, the Register of Works, the Schedule of Expenditure, the Books of the Central Office will show by one entry the entire outlay on repairs to each work for the whole year, which is not the case when several estimates are sanctioned for the repairs of one work in the course of the year.

(2.)—Quantities are to be entered as so many units.

(3.)—All rates are to be quoted in Rupees, Annas and Pies.

(4).—Annas and Pies are to be excluded from the Abstract Estimates, the cost of each item being brought to the nearest Rupee. Totals of estimate need not be brought to round numbers.

P. W. D. FORM.
No. M 207.

CIRCLE—

DIVISION—

ESTIMATE FORM.—Abstract.

(To accompany the Detailed Estimate No. of 188 -8 for * ____________)

Constructing a Sub
Registrars Office at

---

* Here enter the name and description of work in full.

6 5 15

Pr Ext
9864/3
11269

Public Works Department

Consulting Architects Office

Specification and detailed quantities for constructing a Sub Registrars Office according to the Standard Plan Sheets No. 23 and 24.

Chepauk 8th November 1883.

Judl 387/3/83

17

P. W. D.

Consulting Architect's Office,
Chepauk, Madras,
8th November 1883.

No. 993

From
The Consulting Architect to the Government of Madras,

To
The Chief Engineer, Public Works Department.

Office Note 196 D dated 30th January 1883.
G. O. No. 738 W Dated 10th March 1883.

Enclosures.
2. Tracings
1 Specification & detailed quantities

Sir,

With reference to the Orders of Government marginally noted I have the honor to enclose a Standard design with Specification and detailed quantities for a Sub Registrar's Office.

I have the honor to be
Sir
your most obedt. servant

Morant
Major R.E.

Offg Consg Architect to Governmt

No 2214 C

Chepauk
14th Nov/83

Forwarded, through the Judicial Department, for the approval and countersignature of the Inspector General of Registration

(By Order)

C. Owen Major R.E.
Under Secy to Govt. P.W.D.

— B.H.

P. W. D.

Roads and Buildings.

From

THE CONSULTING ARCHITECT
TO THE GOVERNMENT OF MADRAS,

To

The Chief Engineer P.W.D.

No. 993

Dated 8th November 1883.
Received

No. of Enclosures. 3.

Subject.

Forwards Revised Standard Design and detailed quantities for a Sub Registrars office.

Endorsed

0. 20-3-83: 814

1883.

Public Works Department.

10
P.W. 3 / 4249/83
200/82

No. 2214 C

Dated 14-11-83

Despatched

Received 14

4382

SUBJECT.

Revised standard design for Sub-registrars Office

No 2239

Forwarded accordingly

By order

M Hannick
Ag. Asst. Secy

20.41.   17.11.83.

CHIEF SECRETARY
15 NOV 83
GOVERNMENT OF MADRAS

Registration Department
G No. 12.

From

G Hannett Esqr
Inspector General of Registration
Madras

To,

The Superintending Engineer
4th Circle

Dated, Madras 4th January, 1883.

Sir,

Adverting to your letter No. 217/m dated the 30th December 1882, I have the honor to state that I think the reference to the Government should be made by the professional department.

2. I consider it my duty, in the interests of the Government, to bring to the

the notice of the District Engineer what I had heard from the Consulting Architect.

3. It rests now with the Government, in the Public Works Department, to decide whether money shall be spent on buildings open to risks from fire and thieves, when terraced buildings would guard against such risks.

I have &c.

(Sig) G. Hammett
Inspr General of Registn

(True copy)

J. V. Beatty - Coll R.E.
Supg Engr, 4th Circle -

Enclosure No. 1

In a letter No. 10 of 10th January 1883 from the Supdg Engineer, 4th circle.

Copy of letter No. 10 of 10th January 1883, from the Inspector General of Registration.

12

SUPG. ENGINEER'S OFFICE 4TH CIRCLE,

Coimbatore, 10th January 1883.

No. 10

From,

The Superintending Engineer,
Fourth Circle.

To,

The Chief Engineer
P.W.D.

Sir,

Enclosure 1
1 Copy of letter

In his letter No. G. 2625 of 13th October 1882, the Inspector General of Registration informed the Executive Engineer, North Arcot, that the Registration Department required buildings which ensured the maximum of Security, and that in this view they should be built with terraced roofs.

2. The Registrars and Sub Registrars Offices are generally built in the same Compounds as the Taluq Cutcheries and the Collector of North Arcot has

has expressed his "total unwillingness to permit of any erection of terraced roofs within the limits of Cutcherry precincts built on Mr Chisholms design with tiled roofs, as it would be incongruous with the existing building."

3. The alternatives are (1) to sacrifice security for appearances and provide tiled roofs; or (2) to put a tiled roof over a terraced roof. The object of placing these buildings in Cutcherry Compounds is, I presume, to have them near a police guard; so that it would not be allowable to place them elsewhere.

4. The Registrar General now suggests a reference to Government to settle the matter. I enclose his letter No. 12 of 4th instant.

I have the honor to be,
Sir,
Your Most Obt Servant
E. Beatty - Coll. R.E.
Supg. Engr., 4th Circle.

S.H.

No. 56 D of 12th Jany/83

To The Consulting architect to Government for remarks.

Cl.
12.1.83
D.W

From
The Supg. Engineer,
Fourth Circle.

Dated 10th
Desp.d: 11th } January/83

No. 10
No. 56 D of 12 . 1 . 83
196 D of 30 . 1 . 83
Encl. 1

Registration Buildings:-

Enclosing copy of letter from the Inspector General of Registration, suggesting a reference to Govt. on the subject of ——.

No. 859

Consulting Architects Office
Chepauk 16th January 1883

From
The Consulting Architect
to Government

To
The Chief Engineer, P. W. D.
Roads and Buildings branch

Sir,

I have the honor to acknowledge the receipt of your Memo No. 56 dated the 12th instant on the subject of the Standard designs for Sub Registrars Offices.

Enclosures
1 tracing
2 letters

2 There appears to be some misconception as regards the necessity of making the record rooms fireproof. A terraced building is a form of fireproof construction and a tiled building is not, but both are fireproof externally while no form of construction would be fireproof internally if the records themselves were to catch fire, and inasmuch as these (and not the building) are the objects of primary consideration ~~construction~~ the tiled roof would seem to be as efficacious as the terrace.

3 On the other hand the plans (which were supplied to this Office) do not appear to me to meet the requirements. If it is important

to secure the records from liability to destruction from fire, an ordinary terraced room with comparatively large windows on 3 sides is about the worst form of construction that could be adopted. The windows should be narrow slits between the racks secured with sheet iron or wood and the records themselves divided into 2 or 3 batches each fireproof from the other. I observe also that while the permanent fireproof building will cost about rupees 4521 the less durable structure will cost Rs 4779 !!

4 I enclose a Sketch plan and Elevation embodying the suggestions made above and at the same time preserving unity with the Cutcherry plans. If it meets with approval I will furnish the necessary details

I have the honor to be
Sir
your most obedt servant

Consulting Archt to Government

No. 196. D. dated 30th January 1883

To

The Consulting Architect

Sir

The Sketch plan of Registration Offices forwarded with your letter No. 859 dated 16th January 1883 has been approved by Government for issue as a Type design. Please furnish the necessary details as promised in the last para of your letter.

2 Sketch herewith returned

I have &c
(Signed) J Pennycuick Major
Under Secy to Govt
P.W. Deptt

Registration Department.

G. No. 2982.

From,
Geo. Hamnett Esq.
Inspector General of Registrati
Madras

To,
The Honorable E. Forster Webster
Chief Secretary to the
Government
Fort St. George.

Dated, Madras, 10th December 1883.

Sir,

In returning the revised Standard design for Sub Registrars' Offices received with Judicial Department No. 2239, dated the 20th ultimo, I have the honor to state that I was not given an opportunity of offering any Explanation on the letter from Mr. Stuart, the Collector of North Arcot, which was disposed of in G. O. Public Works Department No. 788 W. dated the 10th March 1883, nor was I consulted with reference to the "type desig of the registration offices", which I now learn from Major Morant. R.E. "was approved of by the Government" on the

30th January 1883, "and the necessary details ordered to be furnished". My approval of the revised plan seems therefore to be unnecessary.

2. I beg however to be permitted to state that Mr Stuart is the only officer who had raised any objection to the erection of the terraced design of Sub Registry office, and I was not convinced by what he had to say; as Mr Chisholm, the Consulting Architect, had expressly advised me to stick by the terraced design of building as it afforded all the security required for the safe custody and storage of valuable records of title.

3. A reference to Mr Stuart's letter will show that what he objected to was "a terraced roof in the same compound with Chisholm's Standard Cutcherries which are tiled and in a different style". He did not object to the tiled design of building, which "harmonized" with the design of Cutchery "and did not "sacrifice" any good effect there was in the new Cutchery

design.

4. Under the circumstances the necessity for an entirely new, and probably more expensive design, which does not precisely suit the requirements of this department, is not apparent. The design moreover, has been prepared on the supposition that the records are kept in open racks, which is not the case. They are secured in tin-lined Almirahs, about 6'x4½'x2', with Chubb's locks. Notwithstanding these precautions forgeries are committed in the records, and the Government are aware that there is at present a very serious case of forgery under judicial enquiry at Nellore.

5. The new design of office has also a terraced roof, while the arrangement for the records is not so compact and secure as in the existing designs (enclosedx for inspection). These designs have been adopted at many stations and answer their purpose admirably, while Mr Stuart's objection can be met, as it has been

returned

at Tirutani, by placing the terraced building at the back of the Cutcherry, or by adopting the tiled design when it is not practicable to place the building at the back.

6. My sole object has been to secure for the department a cheap, substantial and fire-proof building.

P.W. 4 / 11269/83
208/86

I have the honor to be
Sir
Your most obedient Servant

Inspector General of Registration

Regr

Endt. of 20/11-83: 2239
Pub. Co. 20-3-83: 814

Mf. C.O. 11249

Judicial Department

CURRENT No. 17

No. 2456

Referred for con-sideration in the Public Works department.

Chief Secy.

15/12
15/12

Registration (1883) Department

From,
The Inspector General of Registration, Madras

To
The Chief Secretary to the Government Fort St. George.

Dated 10th }
Received } December 1883.
Rev 17 }

G. No. 2982 10

Enclosures (~~three~~) (4 plans)

No.

Offering certain Explanation on the difference existing between the revised Standard design for Sub Registrar's offices and the existing designs.

CHIEF SECRETARY 11 DEC 83 MADRAS

No. 2585 C

P.W. Department

Madras 20th December /83

Memorandum

Endorsement by the Judicial Dept. No. 2456 dated 15th December /83, on letter from the Inspector General of Registration, No. 2982 d/10th Idem.

Mr. Chisholm's letter No. 859 d/ 16th January /83, and the correspondence connected therewith, will be forwarded through the Judicial Department, to the Inspector General of Registration, who will perhaps under the circumstances therein set forth, countersign the proposed type design, which it is intended to use only when registration offices are to be built in the same compound with cutcherries on the Standard plan.

2. The papers are retransmitted for reference and return.

(By order)

C Unwin Major R.E.
Under Secy. to Govt. P.W.D.

To
The Judicial Dept.
with papers in original

Ex. Jwt

[illegible]

Jud. G.O. 20-3-83 : 814 M.

1883.

Public Works Department.

CURRENT No. 489

No. 2585 C

Dated 20th / 21st } Decr/83

Despatched

Received 21

Enclosures Nos 4382 / 4727 / & 4764

returned to the [illegible]

SUBJECT.

Returning papers relating to the construction of Registration offices on type design.

CHIEF SECRETARY
22 DEC 83
GOVERNMENT OF MADRAS

No 12

Forwarded to the Inspector General of Registration

F.W. Hammick
Ag Asst Secy

4/1/84
24.xii
15
12.83.

G. N. 17, 6 January/84
Madras

Countersigned & returned as desired.

G. W. Hammick
Inspr Genl of Regn

To
The Chief Secretary
to the Government
Fort St George

Jud. - P.O. 20/3 - 83 : 814

No. 2588 C - 20-12.83
2214 C. 14.11.83.
788 W - 10.3-83
190 C. 30-1.83.
2543 W - 28-9.82
120 W - 14.1.82

No. 57

Returned to the P.W. Dept. with the counter-signature of the Inspr. Genl. of Registration

FW By order

Hammick
Ag. Asst. Secy.
8-1.84.

10/1/84

Judicial
P.W.D. No. 2[illegible]0

1884 No. 29

From
The Inspector General
of Registration
Madras

To
The Chief Secretary
to Government
Fort St. George
1884

Dated 5th } January 1884
Recd. Recd. 11

G. No. 17.

18 Enclosures (Four Circ. 4382, 477) (4 plans) No. 2764 with several [illegible]

Returning counter-signed plans for the construction of Registration offices on type design.

100 W

Registration Department

G. No. 3033.

From,
Geo. Hammett Esq.
Inspector General of Regn.
Madras

To,
The Hon. E. Forster Webster
Chief Secretary to the
Government
Fort St. George.

Dated, Madras, 13th December 1883.

Sir,

I have the honor to return the letter referred to in Official Memo Judicial Department No. 2430 - dated the 12th December 1883, and to express my regret that it was not returned with my G. No. 2982, as it should have been.

I have the honor to be
Sir
Your most obedient Servant
Geo. Hammett
Inspector General of Regn.

Judicial Department

CURRENT No. 4764

Registration (1883) Department

From

The Insp. Genl. of Regn.
Madras

To

The Chief Secretary
to the Government
Fort St. George.

G.O. No. 2
1269/83
2001/82

Dated 13th }
Recd. 13 } December 1883

G. No. 3033

Enclosure (one)

No.

Returning the letter referred to in Official Memo. Judicial Depth. No. 2430 of 12th Decr. 1883

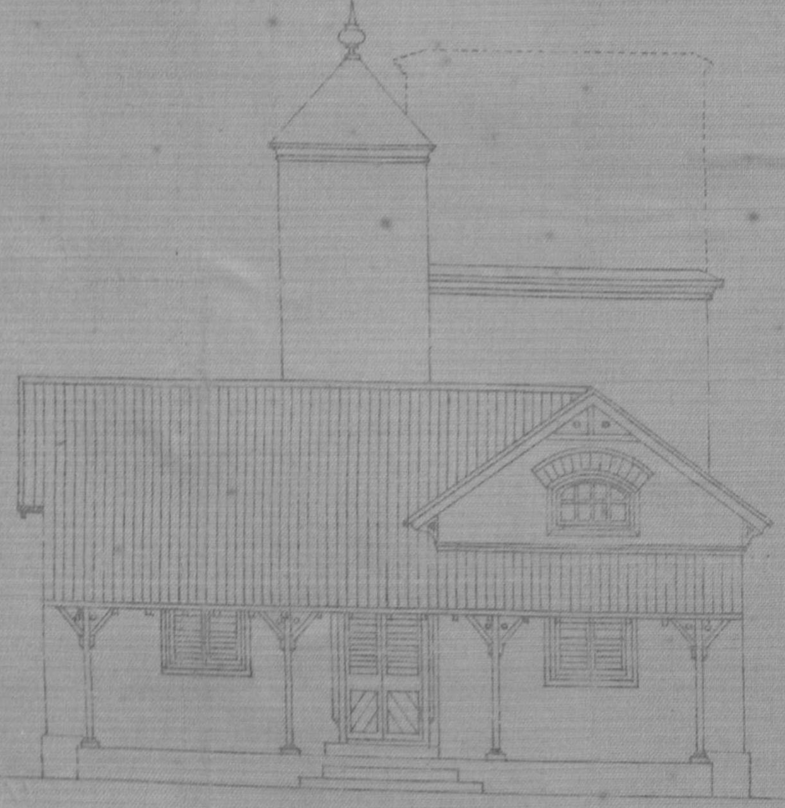
35

3

SHEET No 23.

TYPE DESIGN FOR A SUB REGISTRAR'S OFFICE.

G. O. No 100, W. DATED 14th JANUARY 1884.
IS ALSO APPLICABLE TO SHEET No 24.



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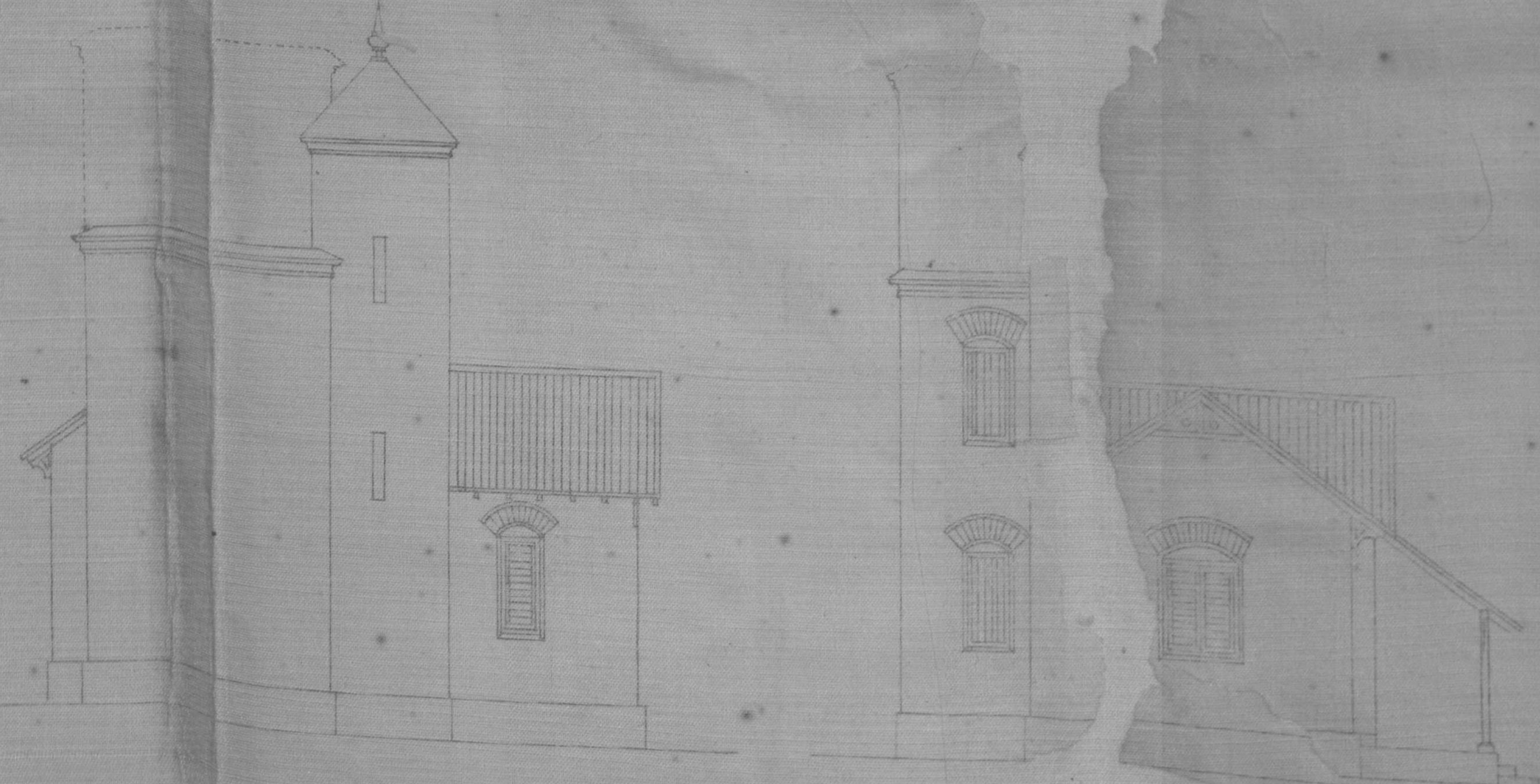

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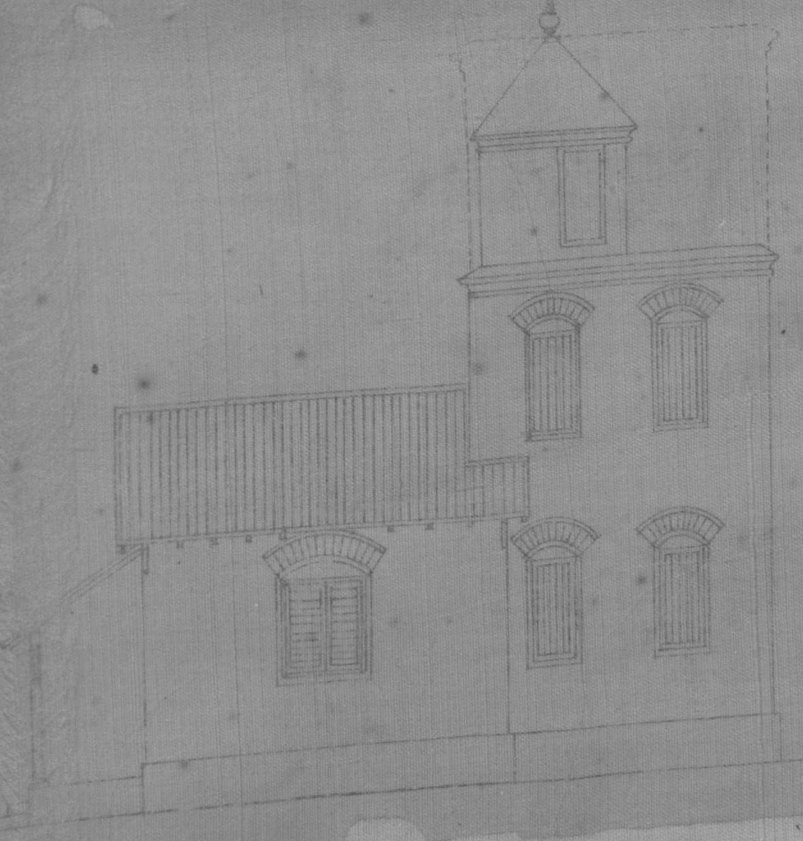

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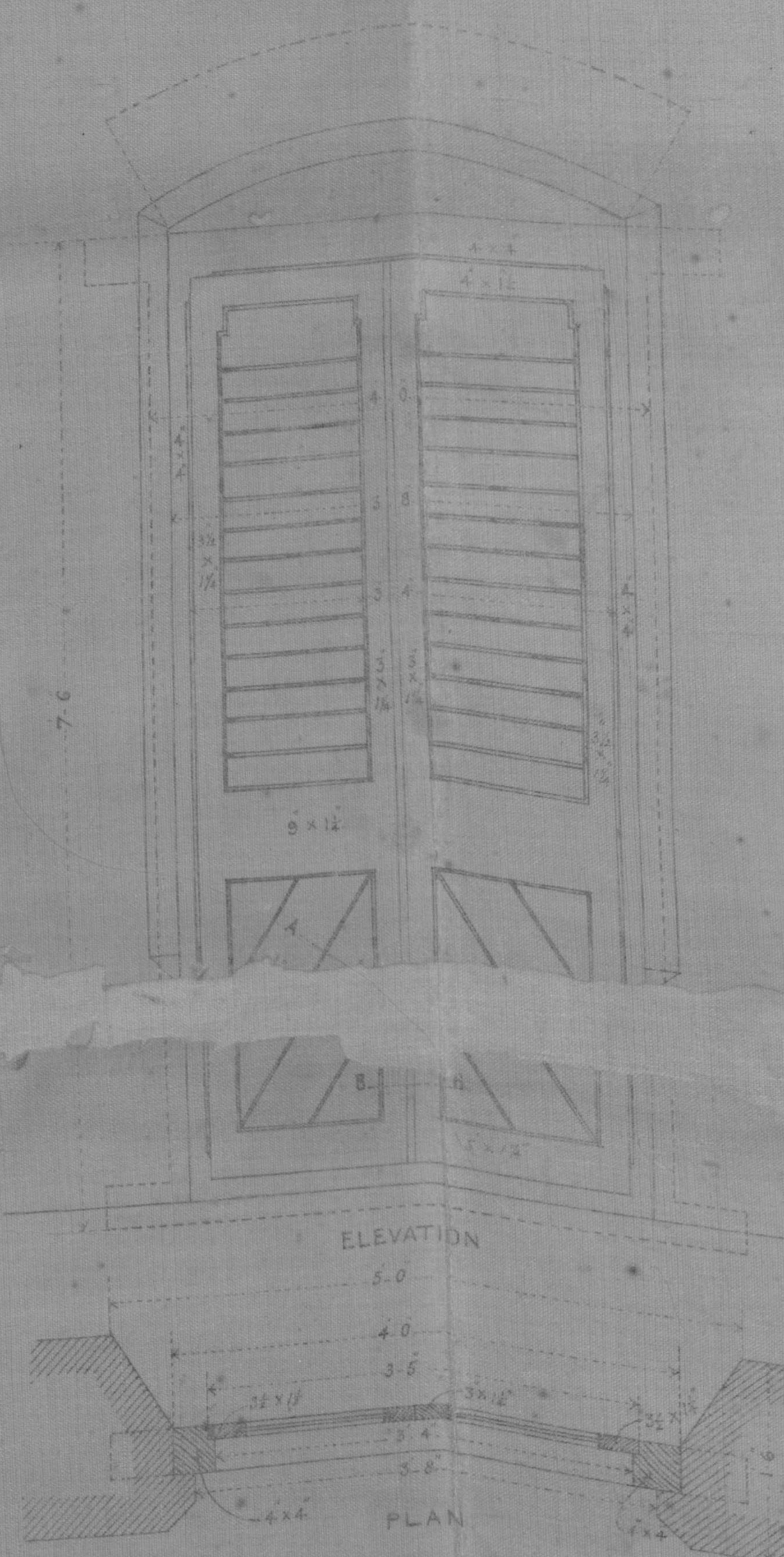
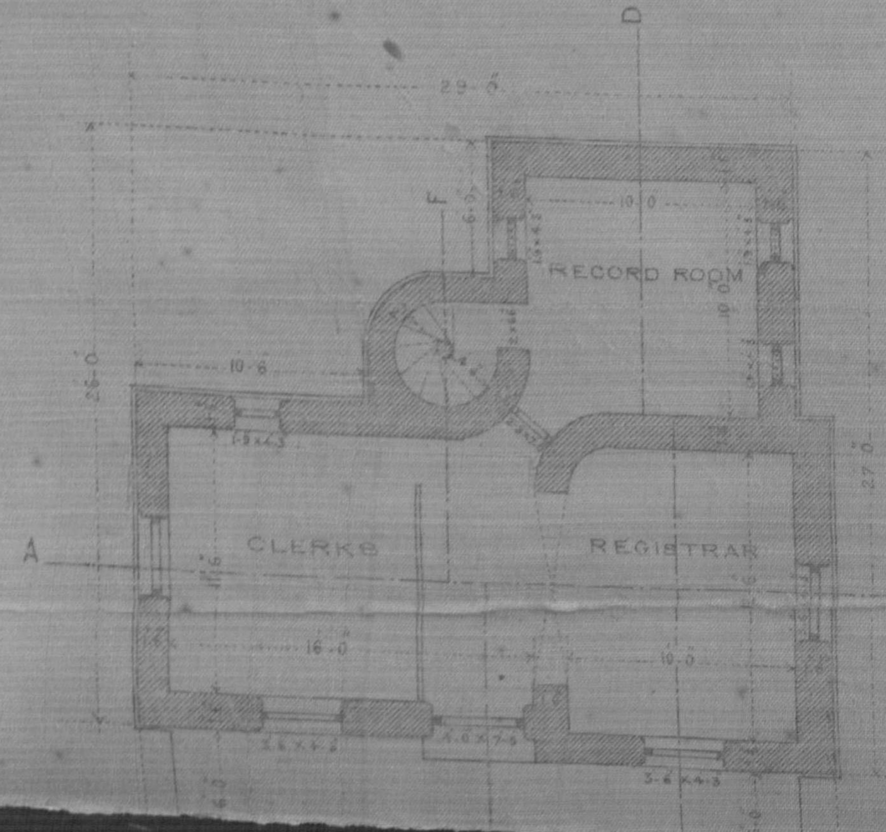
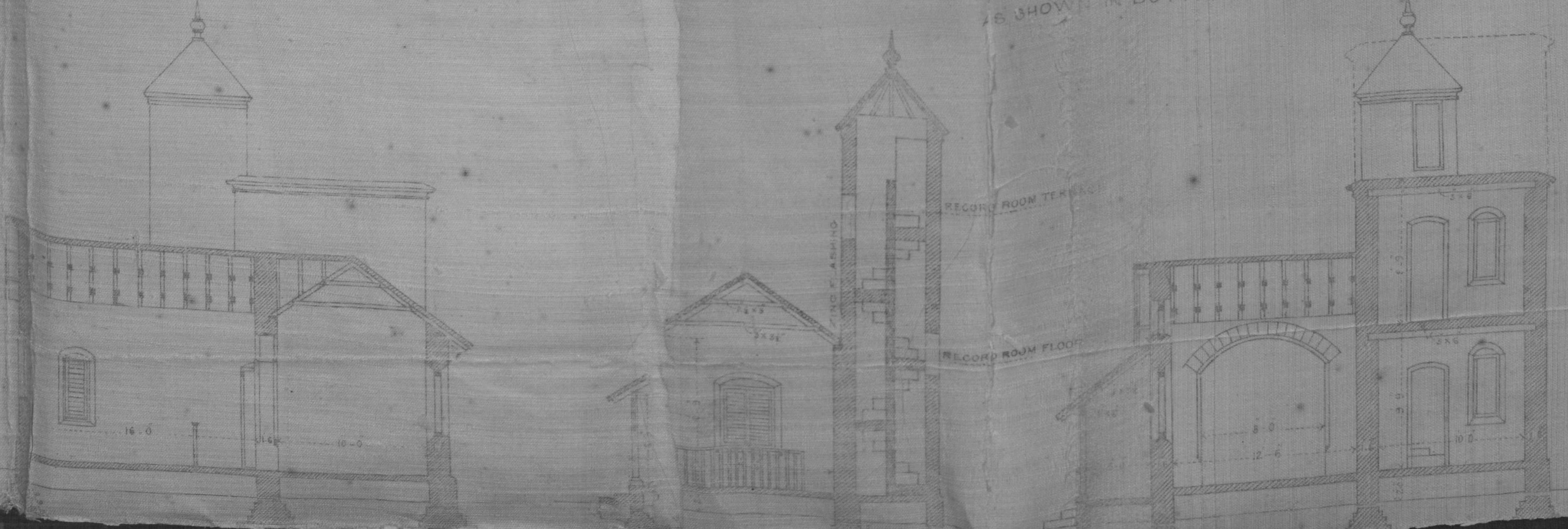
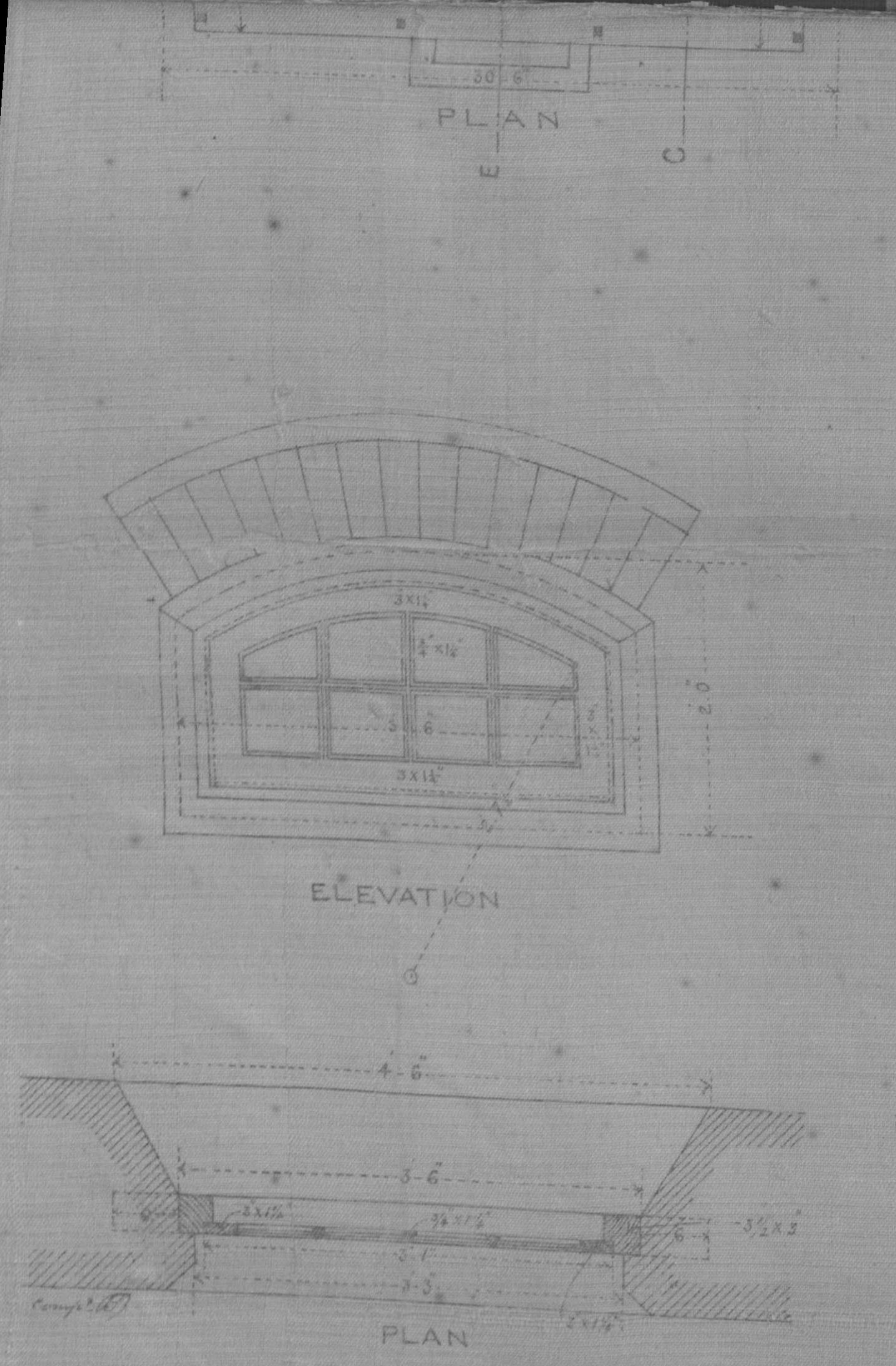
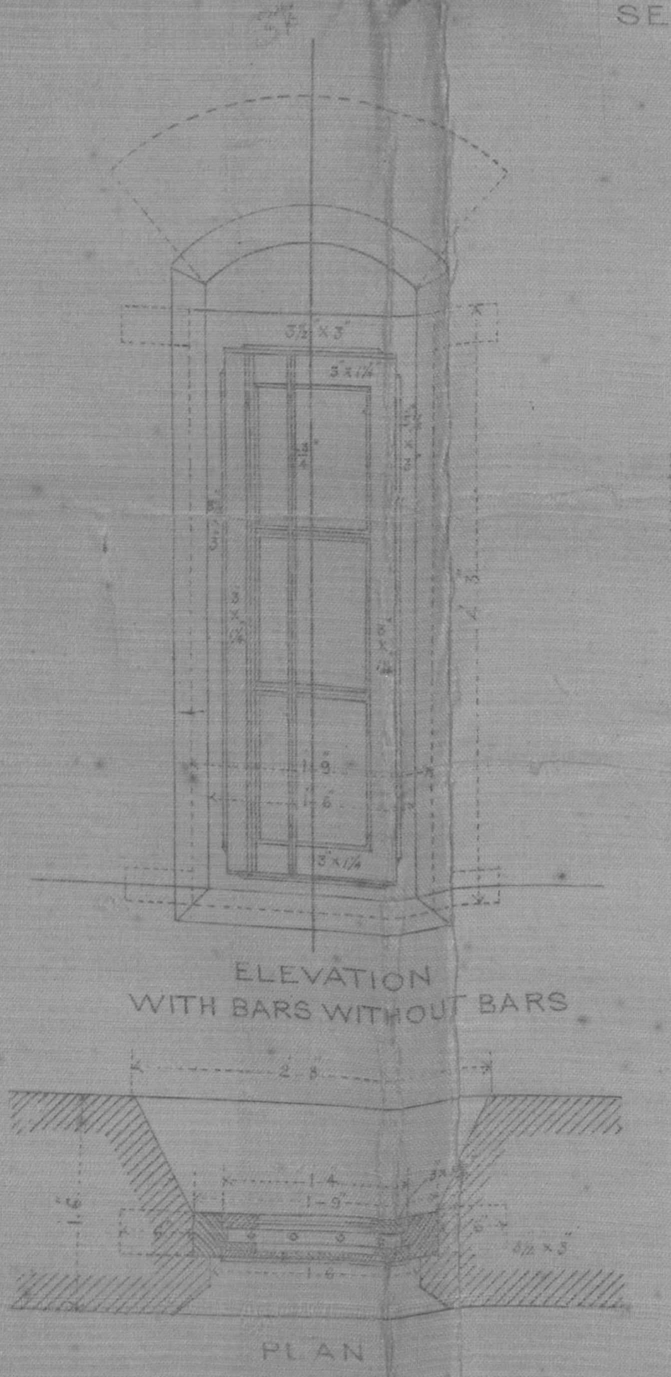


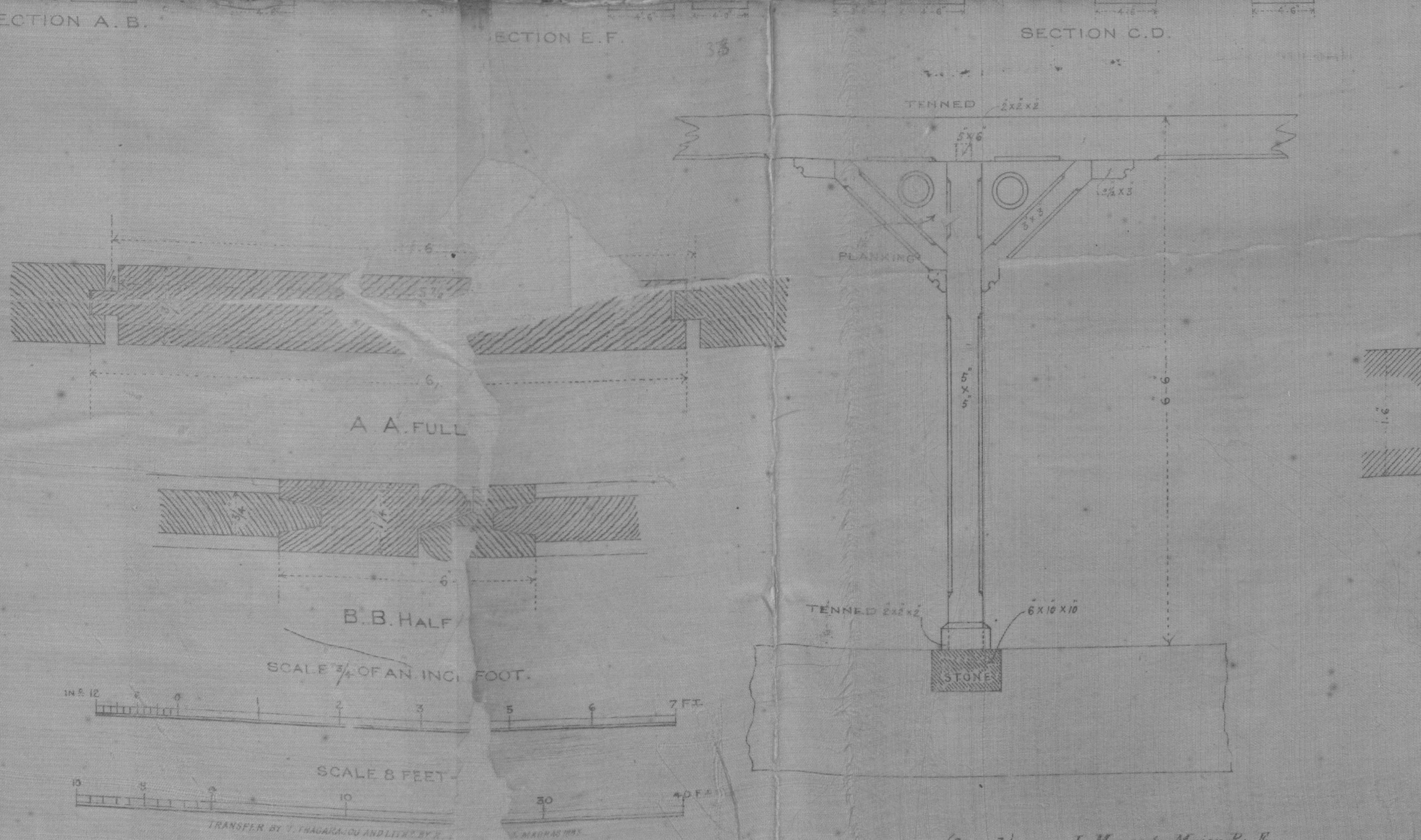
IF ADDITIONAL SPACE IS REQUIRED FOR RECORDS A THIRD STORY CAN BE PUT UPON THE RECORD ROOM AS SHOWN IN DOTTED.



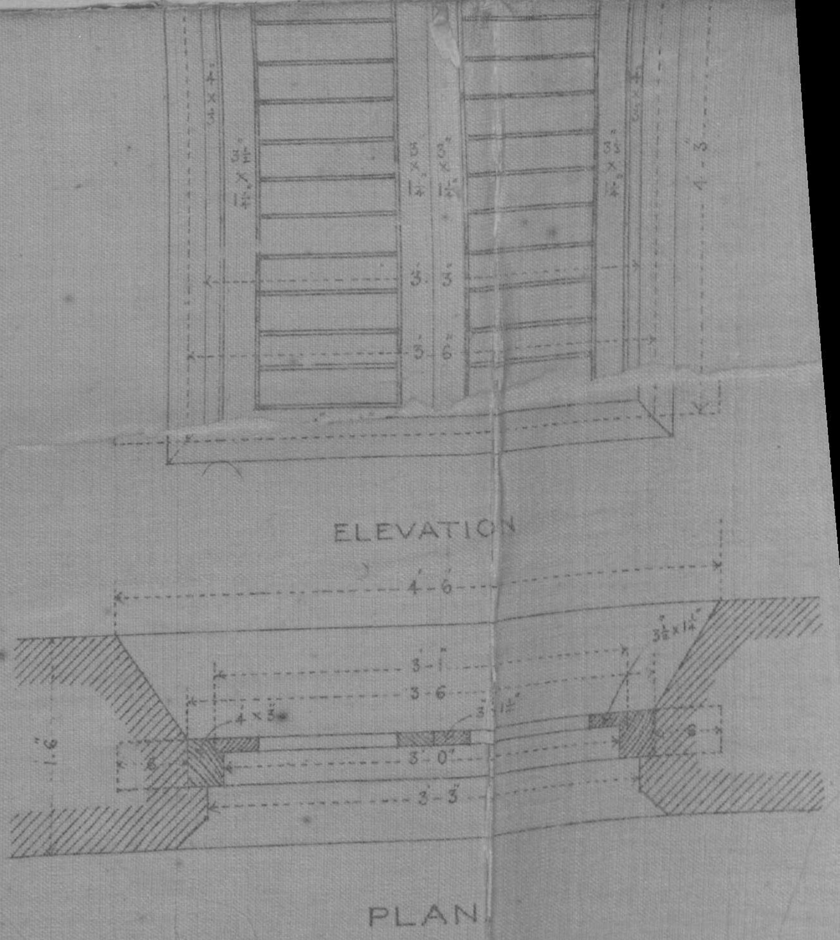








TRANSFER BY T. THAGARAJOU AND LITHᵈ BY …… MADRAS 1883.



Sup^t. and Manager
Gov^t. Litho: Dep^t. Chepauk Madras
February 1884.

(Signed) J. Morant Major R. E
Offᵍ Consulting Architect to Gov^t.
8th November 1883.

C. Bowen Major R
Dy Chief Engineer P. W.

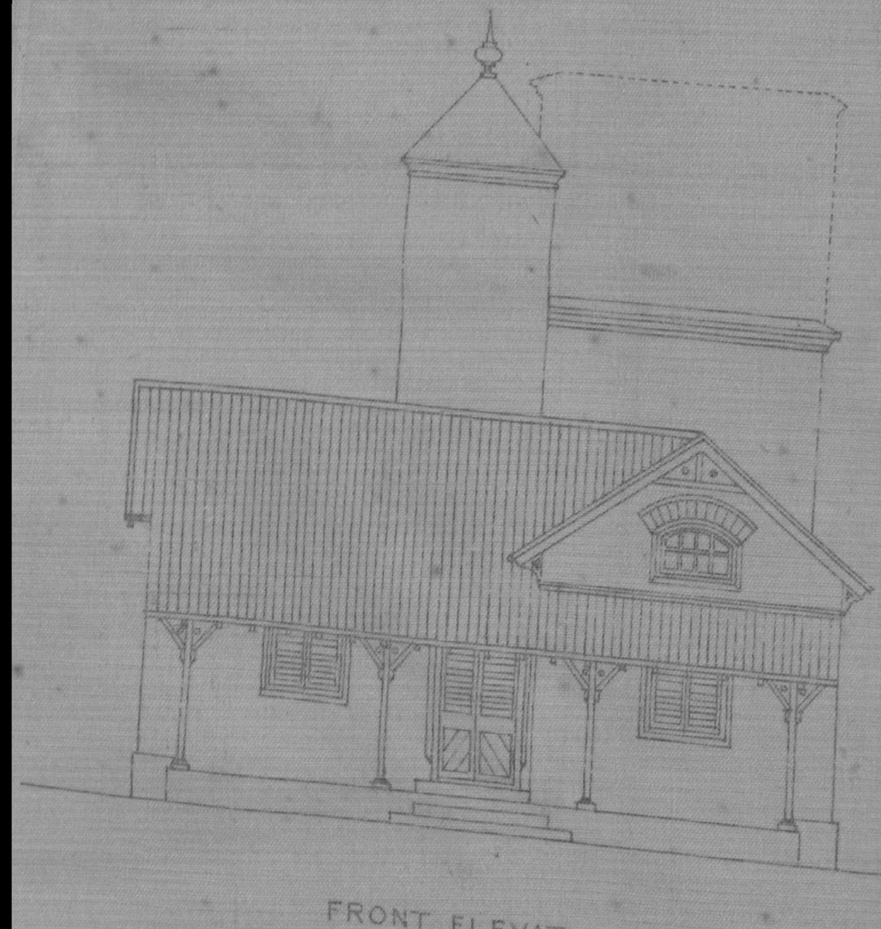
Registration (1883) Department

40

TYPE DESIGN FOR A SUB REGISTRAR'S OFFICE

G. O. Nº 100, W. DATED 14TH JANUARY 1884.
IS ALSO APPLICABLE TO SHEET Nº 24.

SHEET Nº 23.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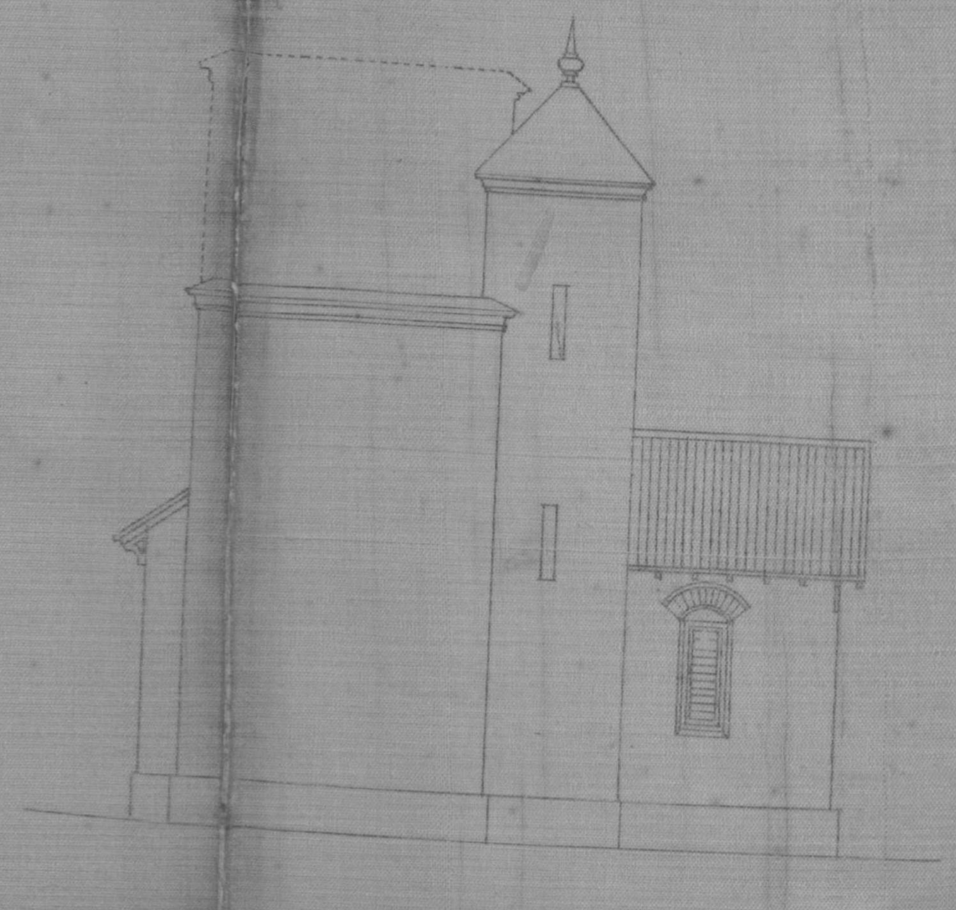
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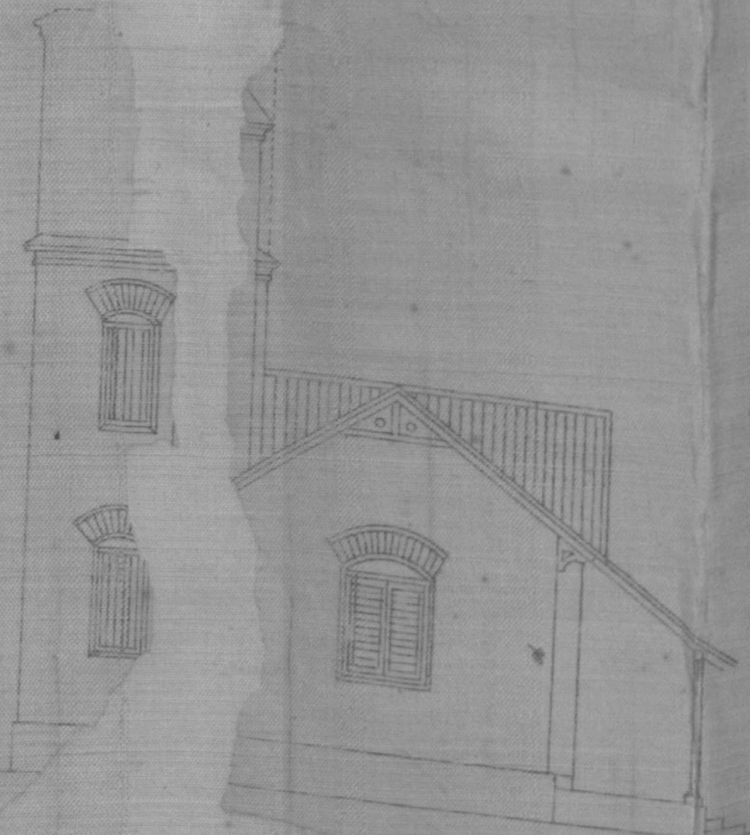
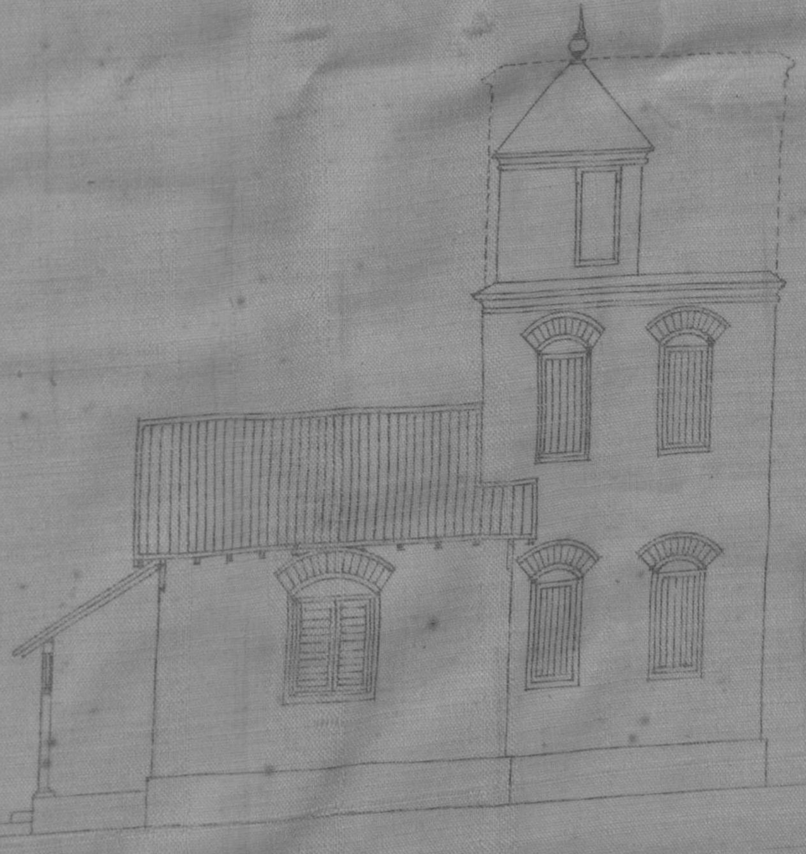
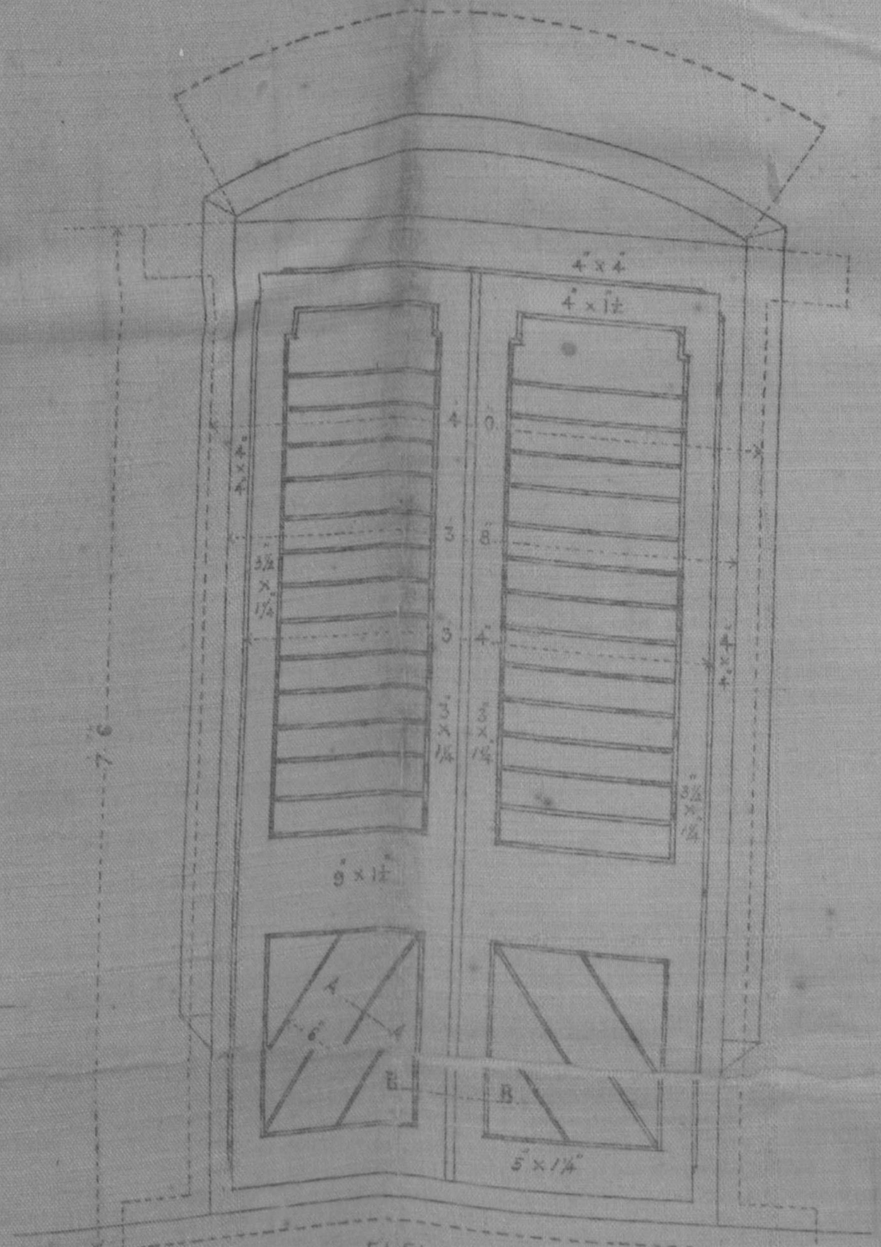
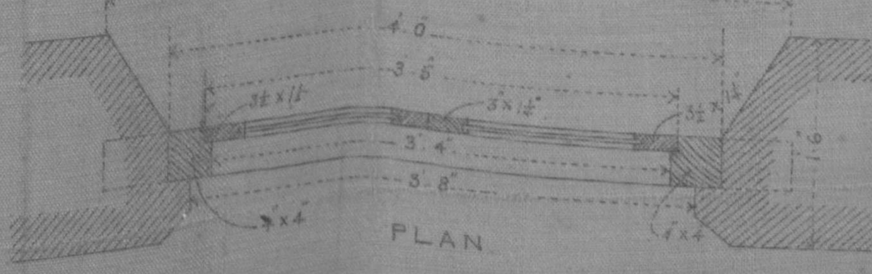
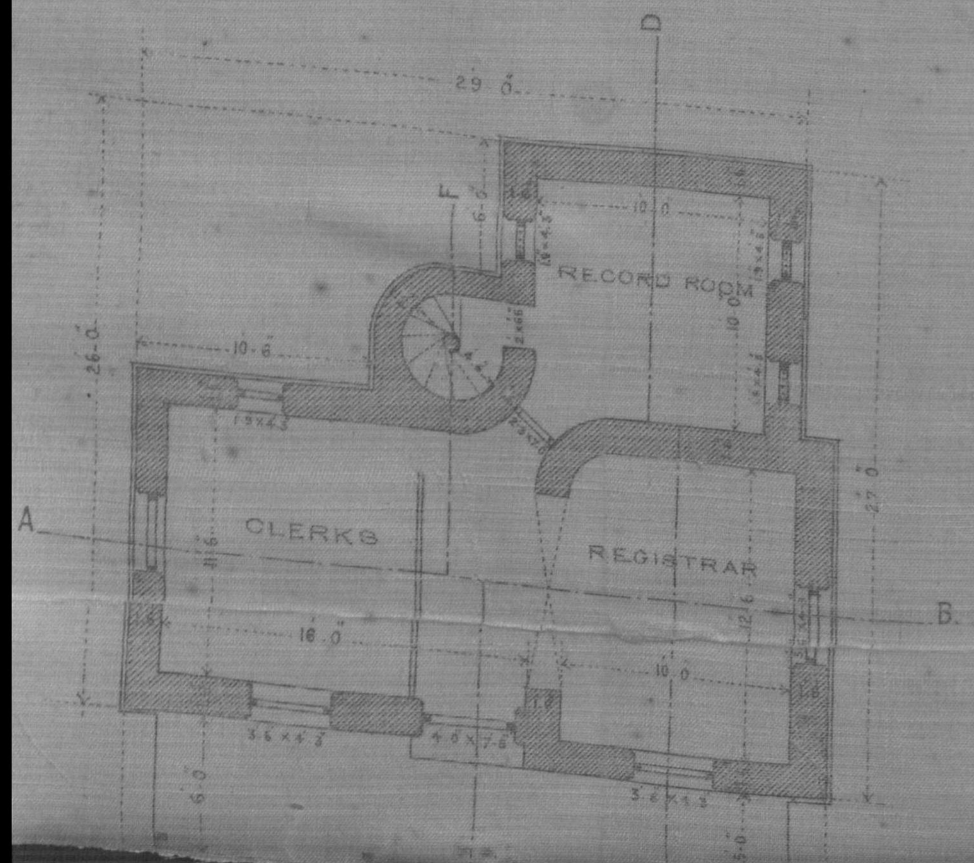


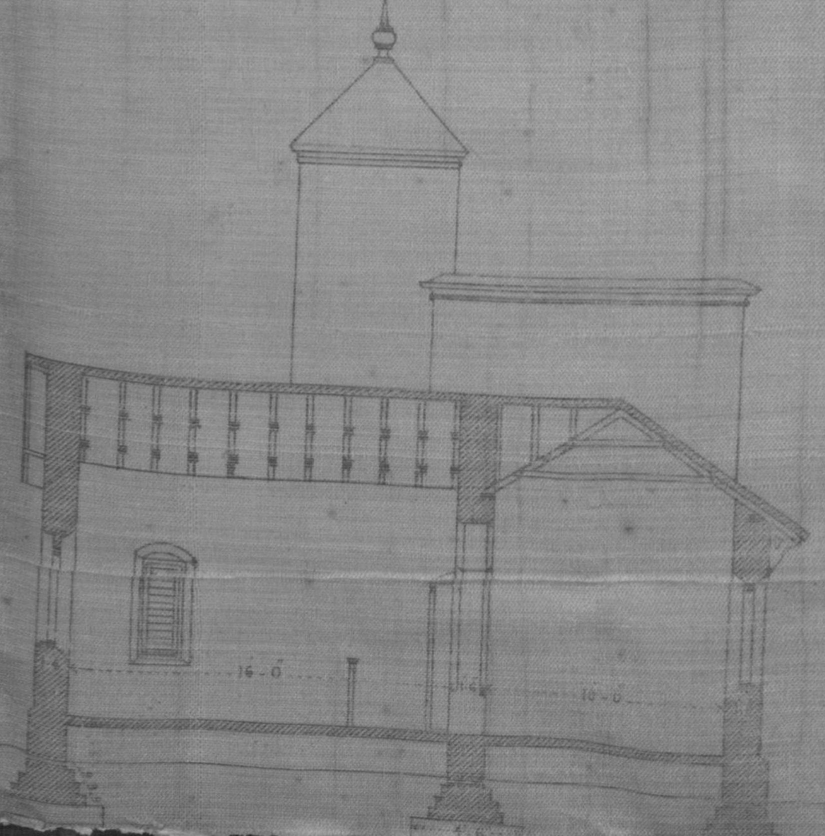


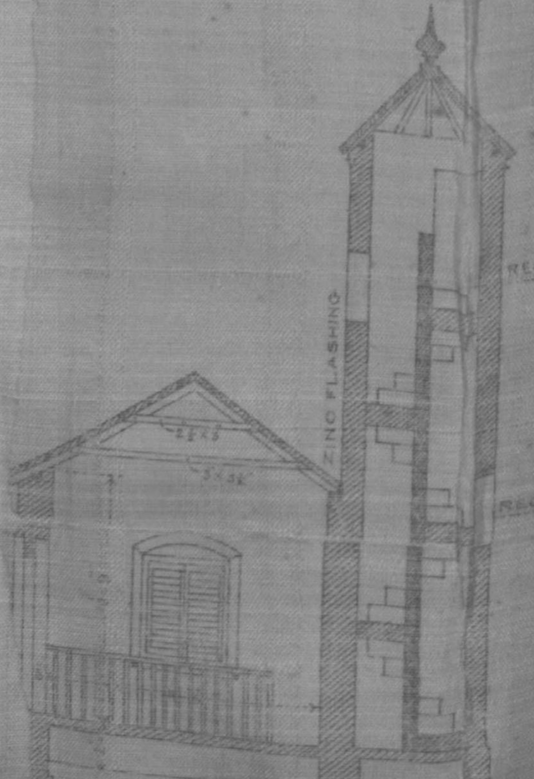

ELEVATION

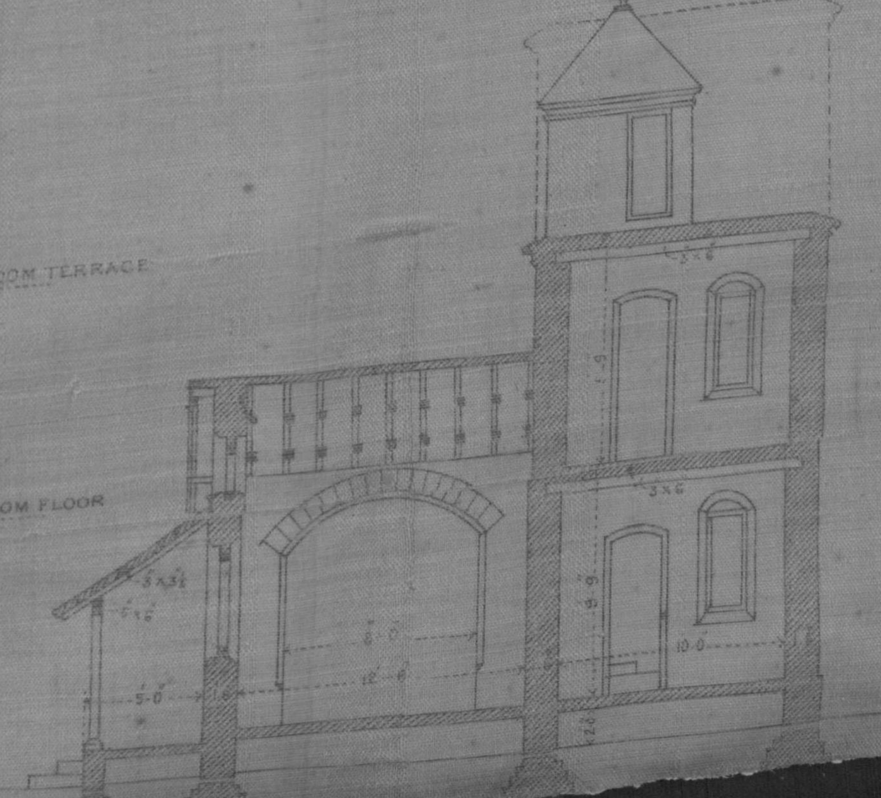
IF ADDITIONAL SPACE IS REQUIRED
FOR RECORDS A THIRD STORY CAN
BE PUT UPON THE RECORD ROOM
AS SHOWN IN DOTTED.

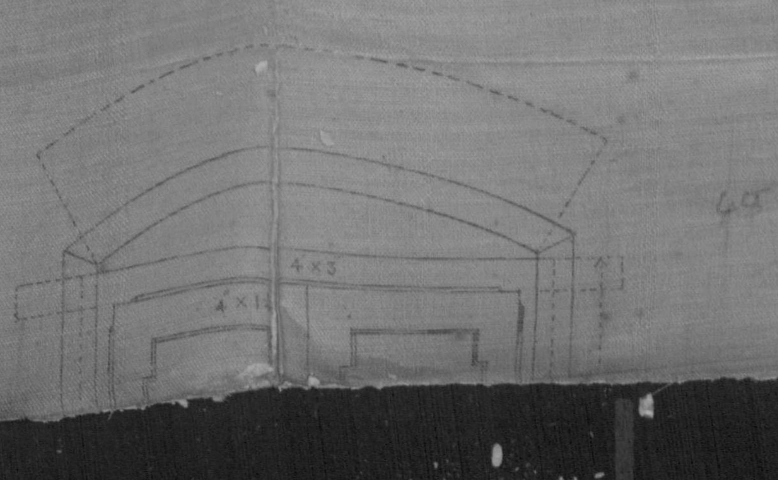

PLAN.









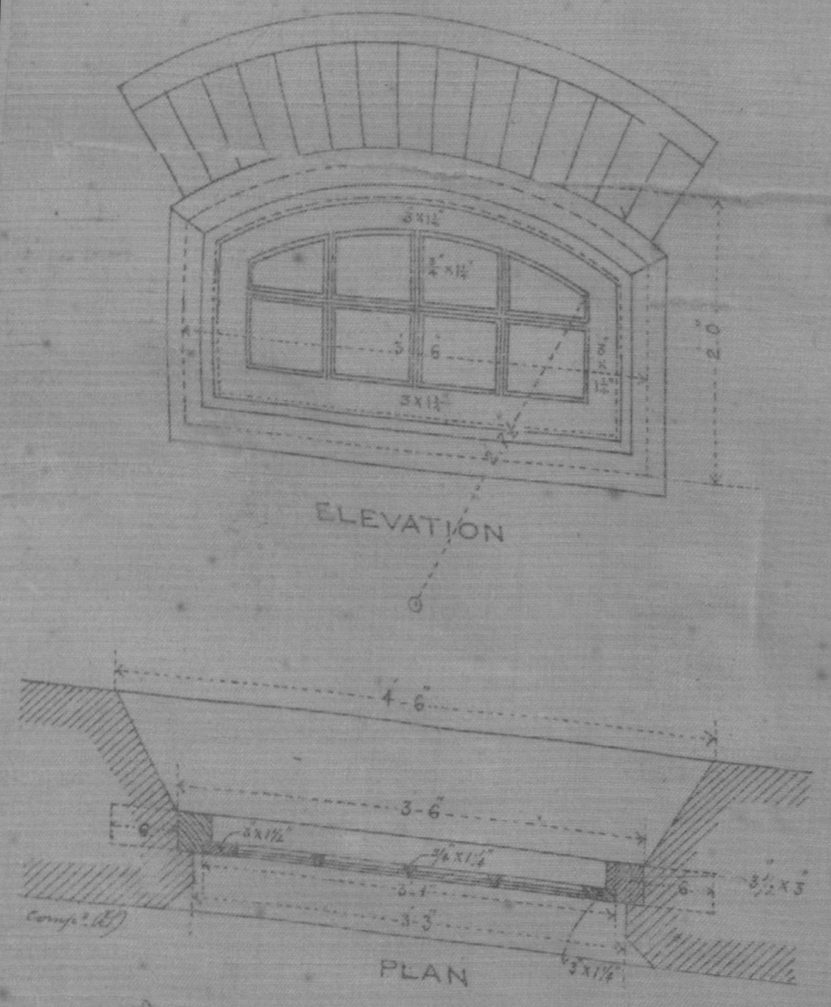


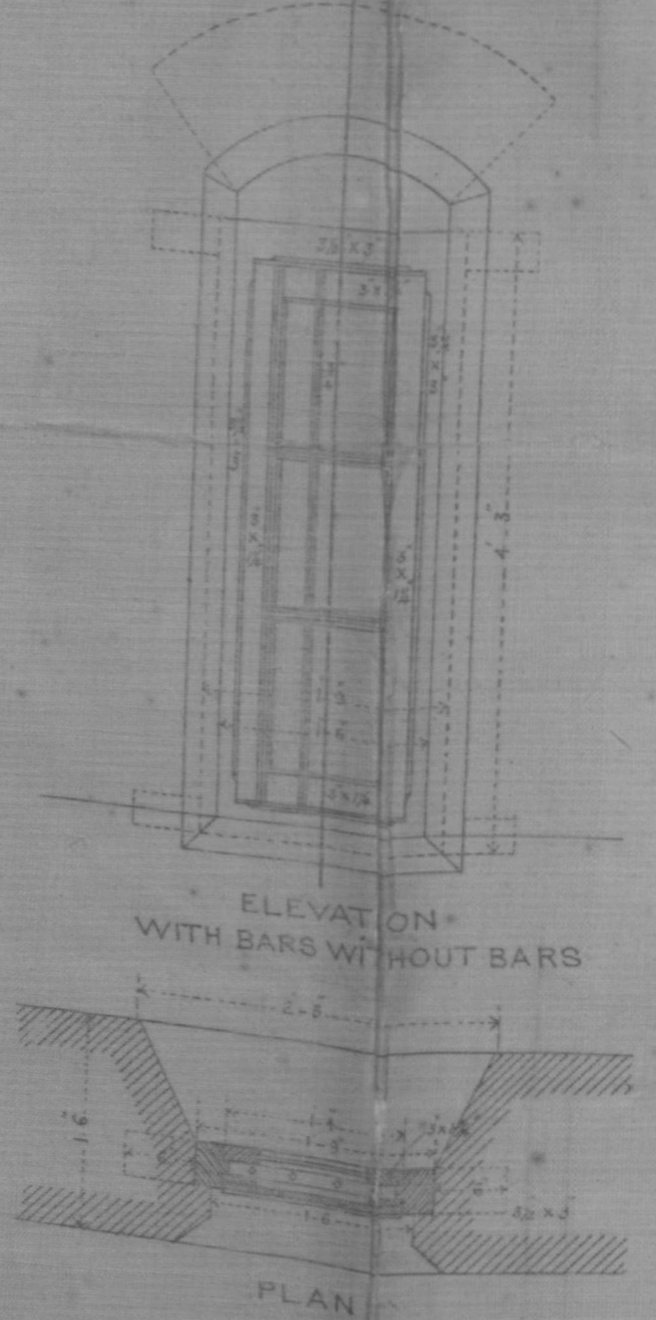
PLAN

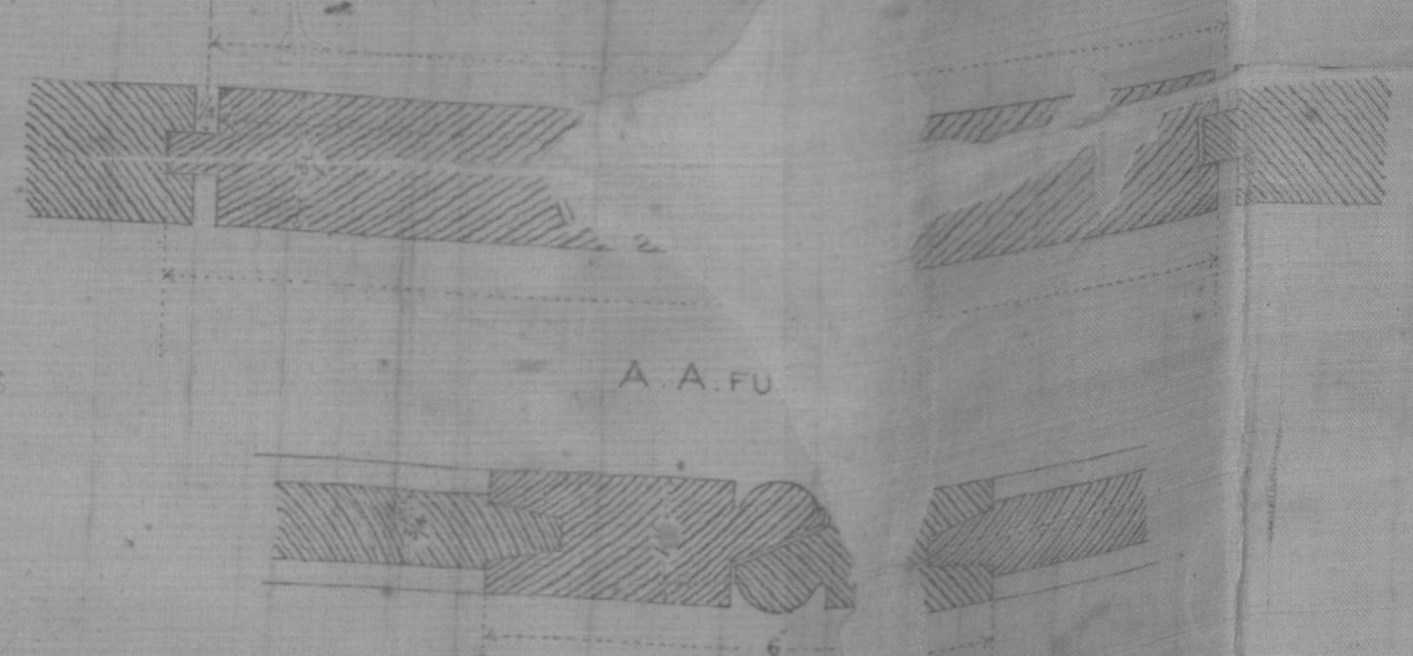
SECTION A. B.

SECTION E. F.

SECTION C. D.







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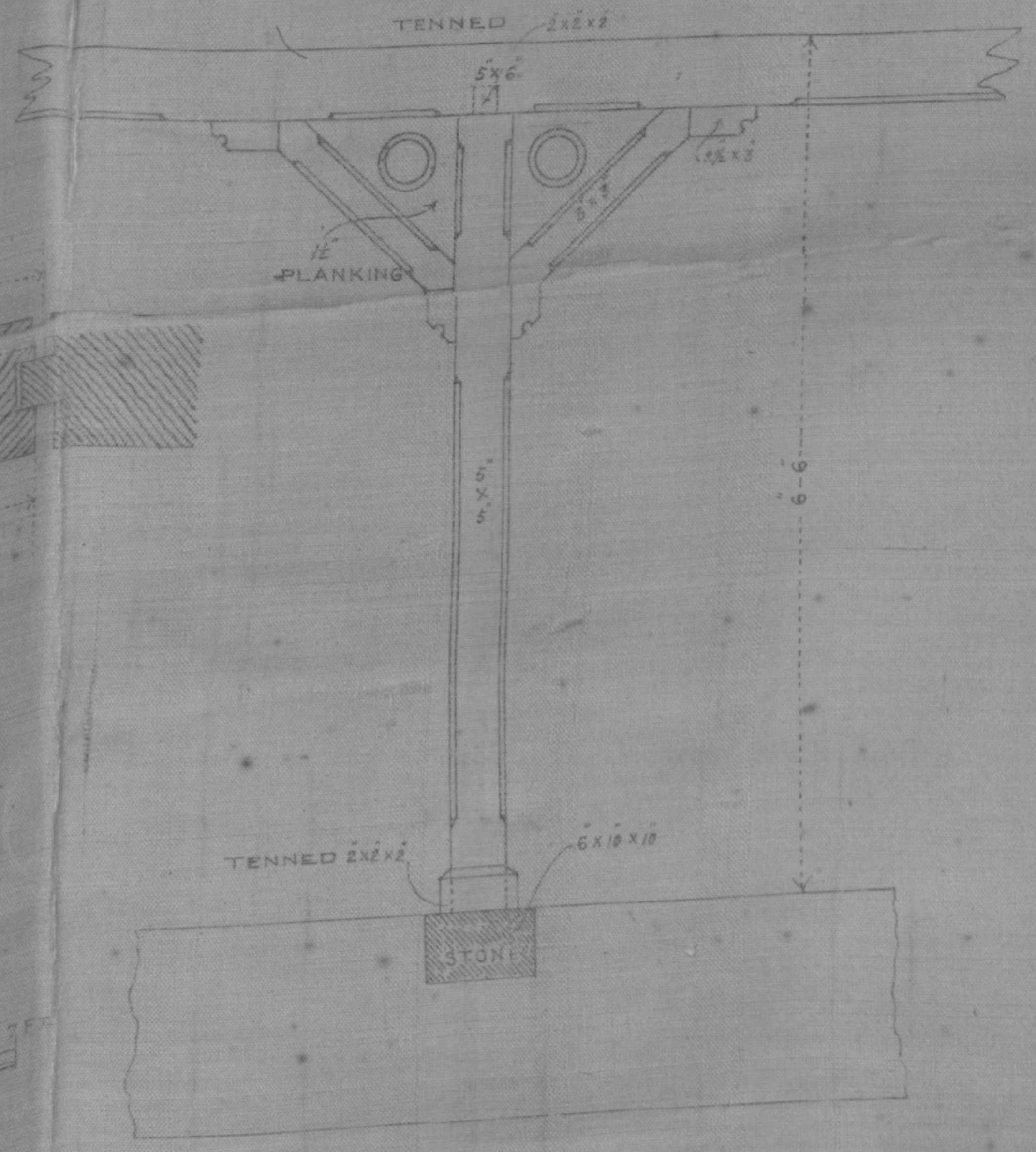
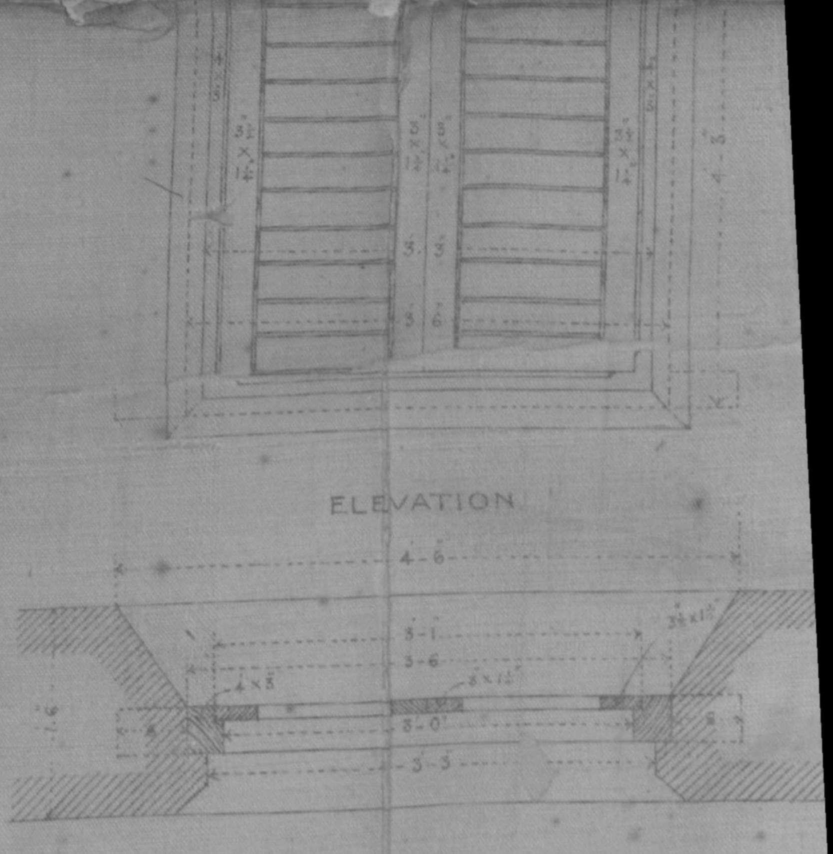
TRANSFER BY T. THAGARAJOO AND LITHO BY K.





Supt. and Manager
Govt. Litho. Dept. Chepauk Madras
February 1884.

(Signed) J. Morant Major R. E.
Offg. Consulting Architect to Govt.
8th November 1883.

C. Brown. Major
Dy. Chief Engineer P.

13 of
Pub

No 100 W.

PUBLIC WORKS DEPARTMENT. 52

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the January 14th 1884

READ the following

From the Consy Arct. to Govt No 993 of 8th Novr 1883
Endt in the Judicial Dept " 2456 of 15th Decr 1883
Memo. do do do — " 2585 C of 20th " —
Endt from — do — do — " 57 of 10th Jany 1884.

14

Ordered that
Copies of the type plan
and estimate submitted
by the Consg. Architect
to Govt. be circulated
to officers of the P. W.
Dept. for use when
Registration offices
are to be built in
the same compound
with Cutcherries on the
Standard plan —

CY
12-1-84 12-1-84

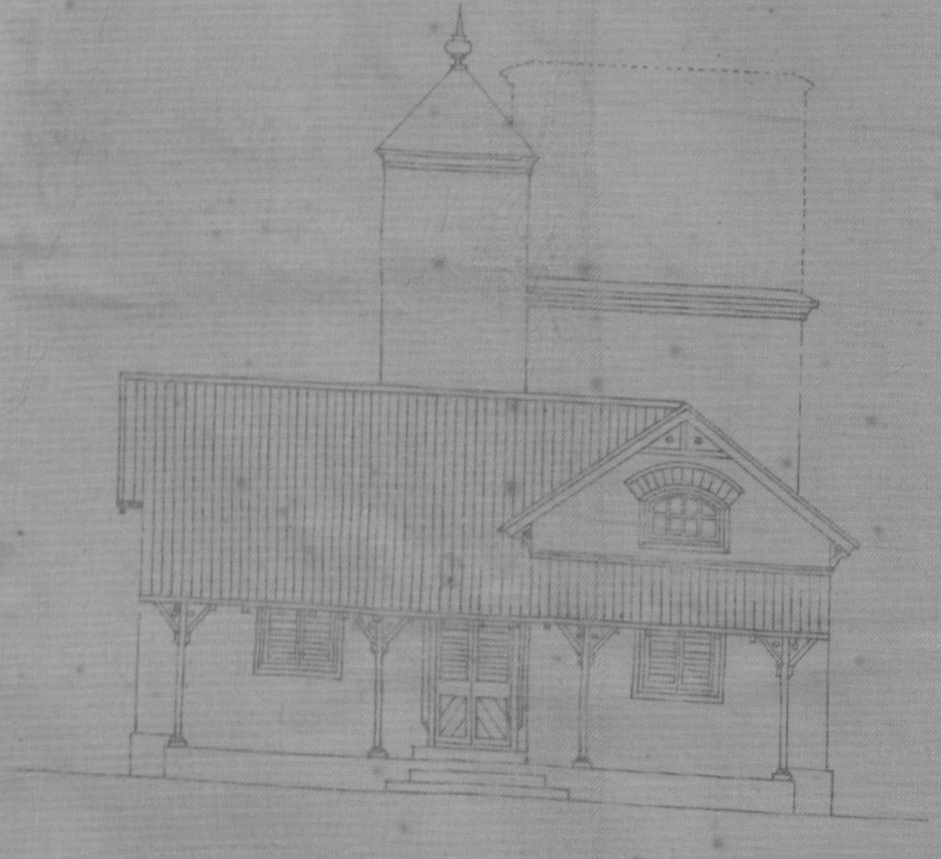
PWW 22/1

To Supdg Engineers
Consg. Arct to Govt } with copies of type plan & estimate
Judl Dept

TYPE DESIGN FOR A SUB REGISTRAR'S OFFICE.

G. O. Nº 100, W. DATED 14TH JANUARY 1884.
IS ALSO APPLICABLE TO SHEET Nº 24.

SHEET Nº 23.



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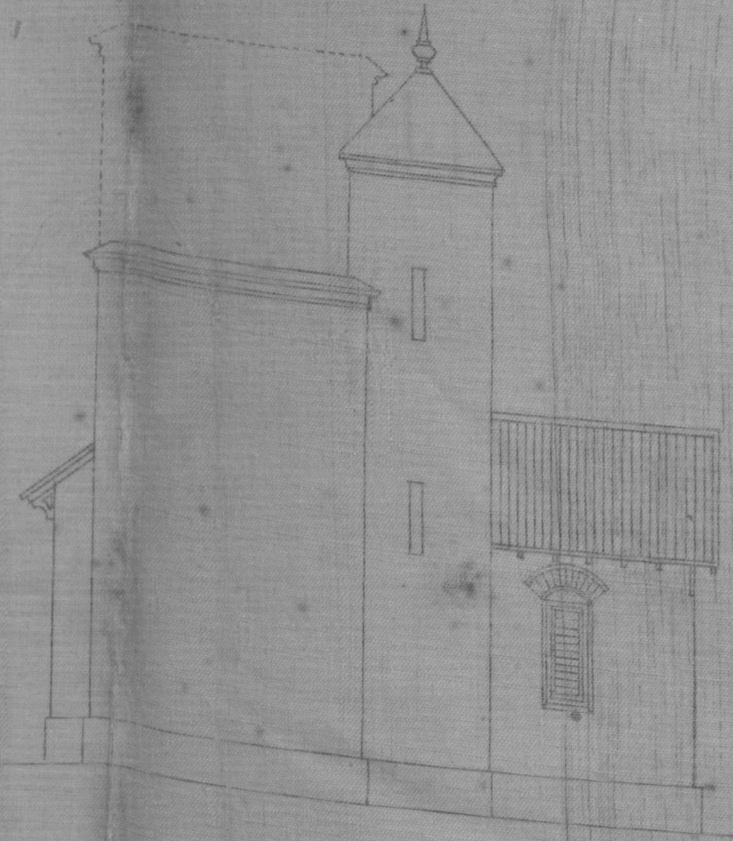

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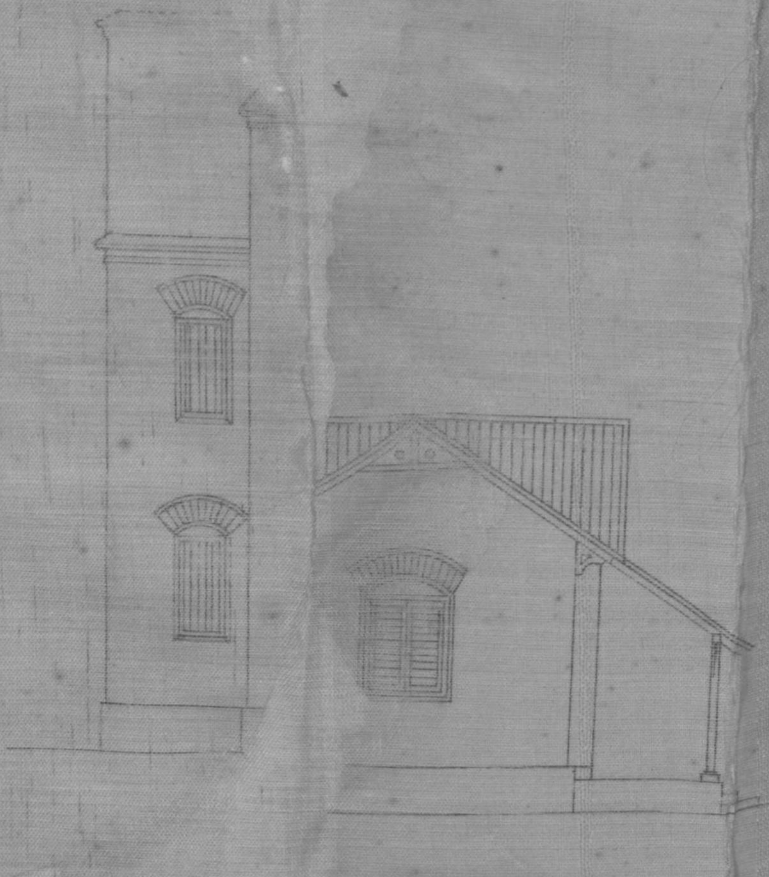
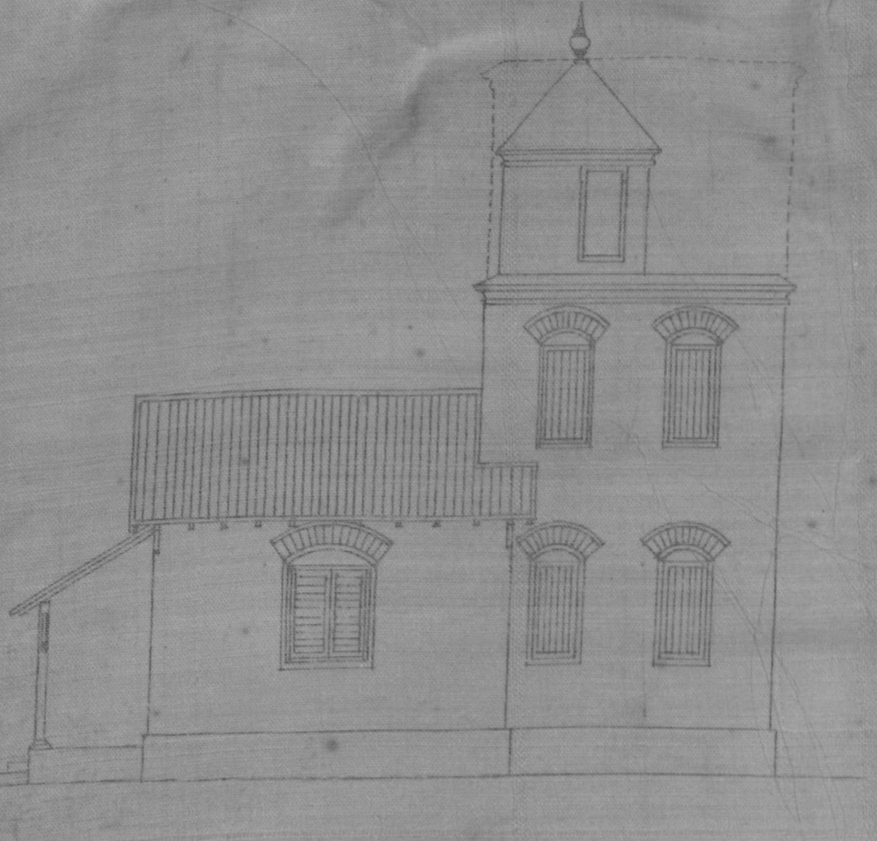
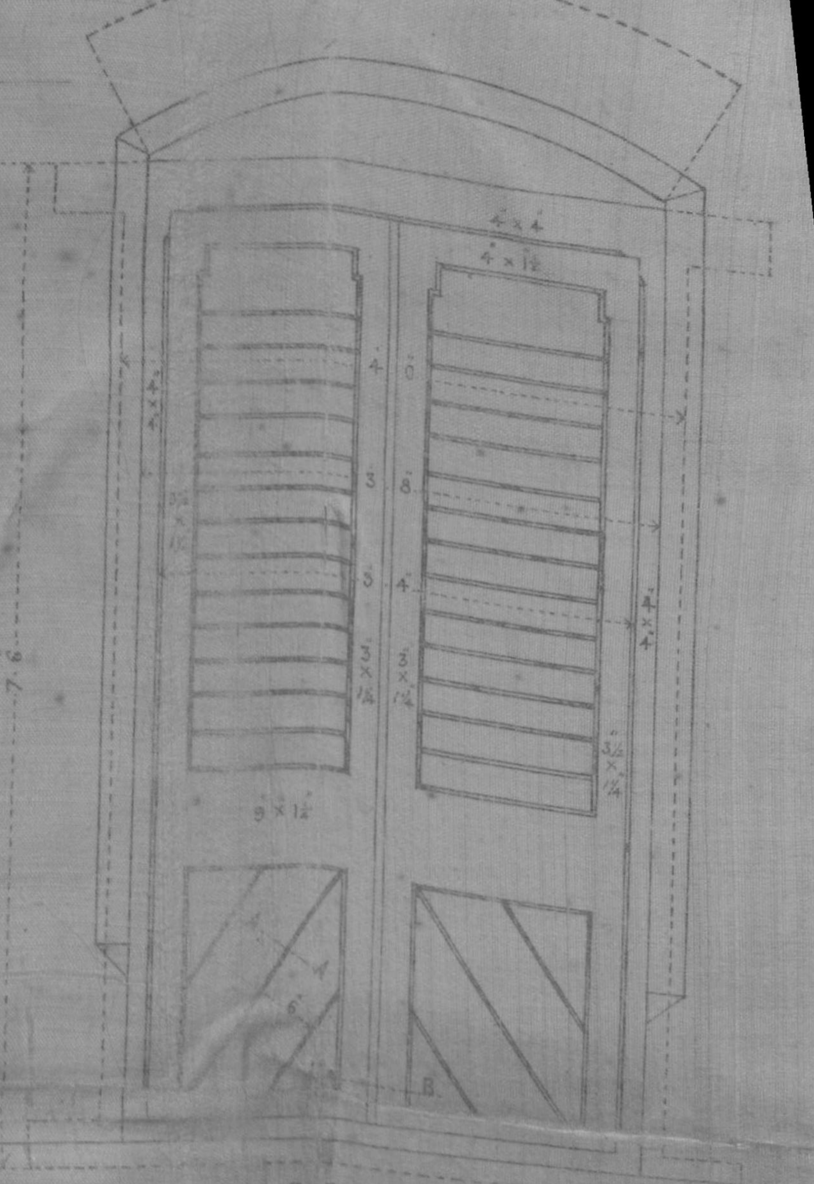


VATION

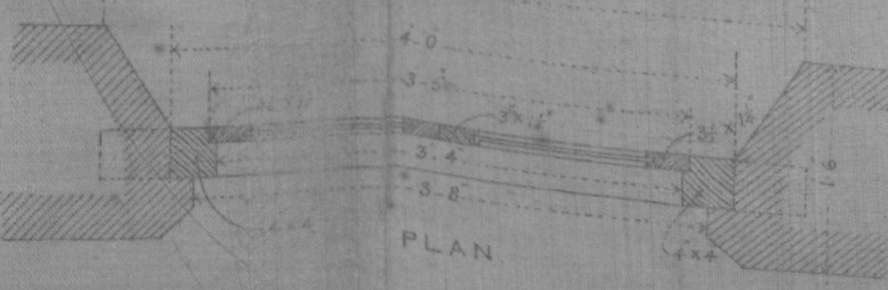


SIDE ELEVATION

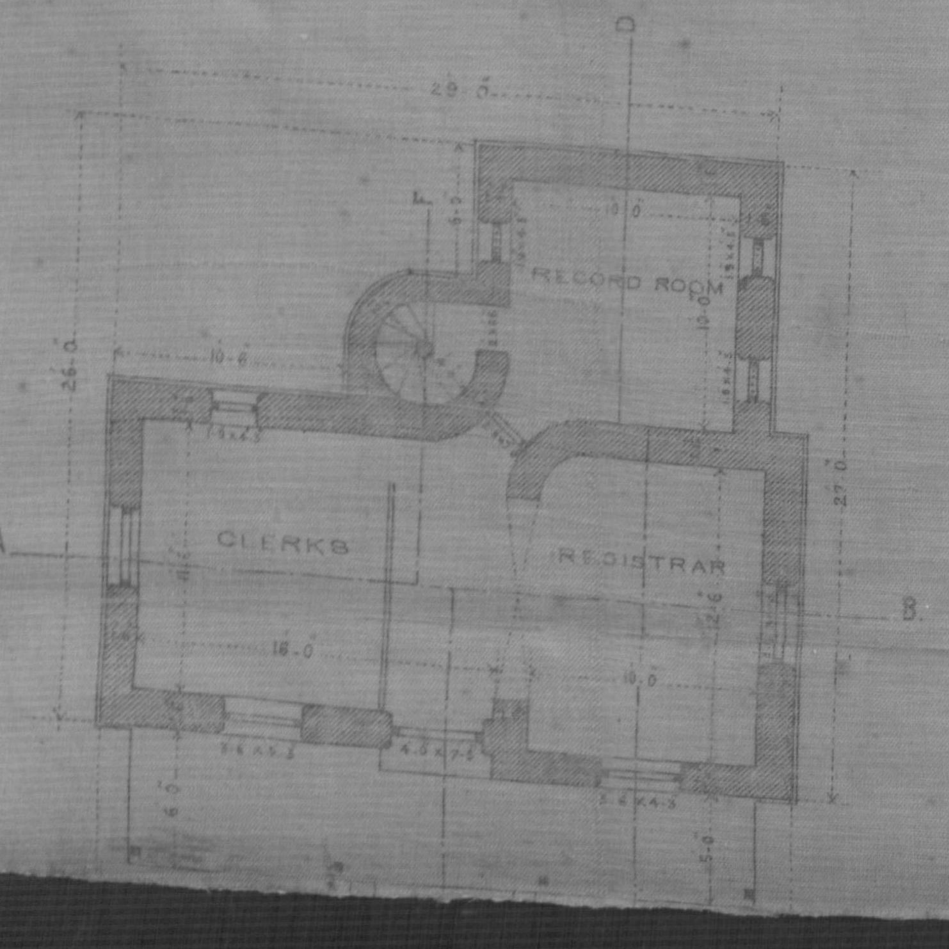


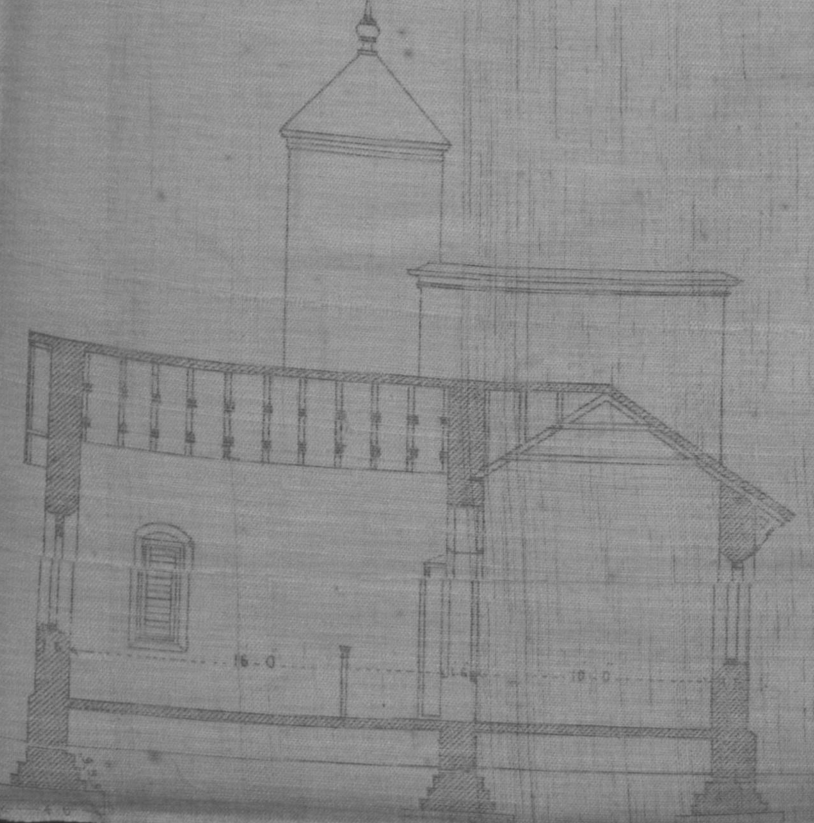
ELEVATION

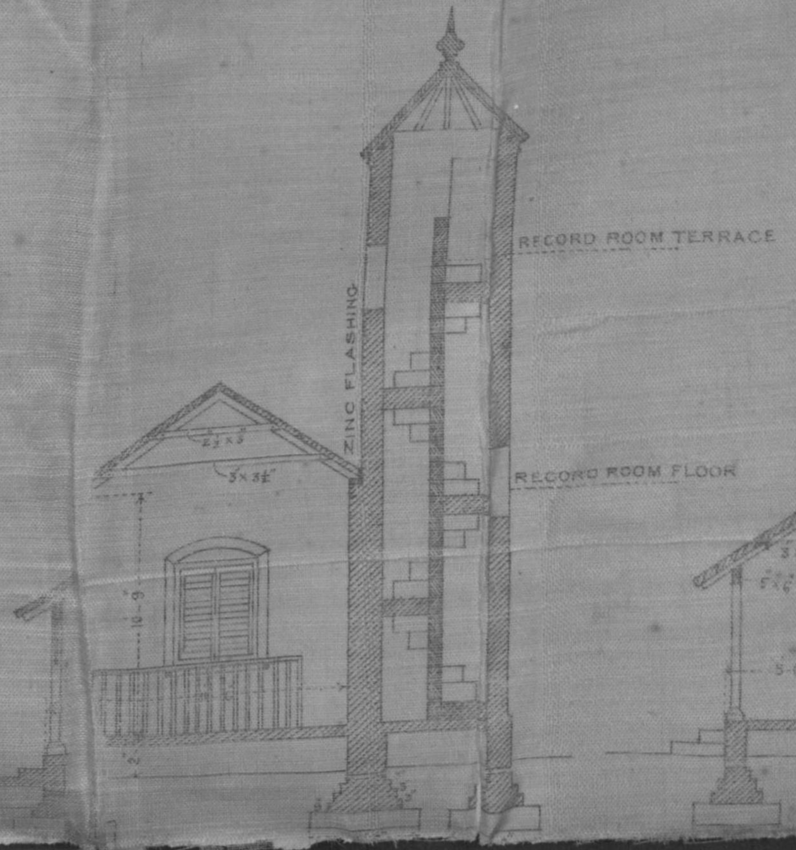
IF ADDITIONAL SPACE IS REQUIRED
FOR RECORDS A THIRD STORY CAN
BE PUT UPON THE RECORD ROOM
AS SHOWN IN DOTTED.

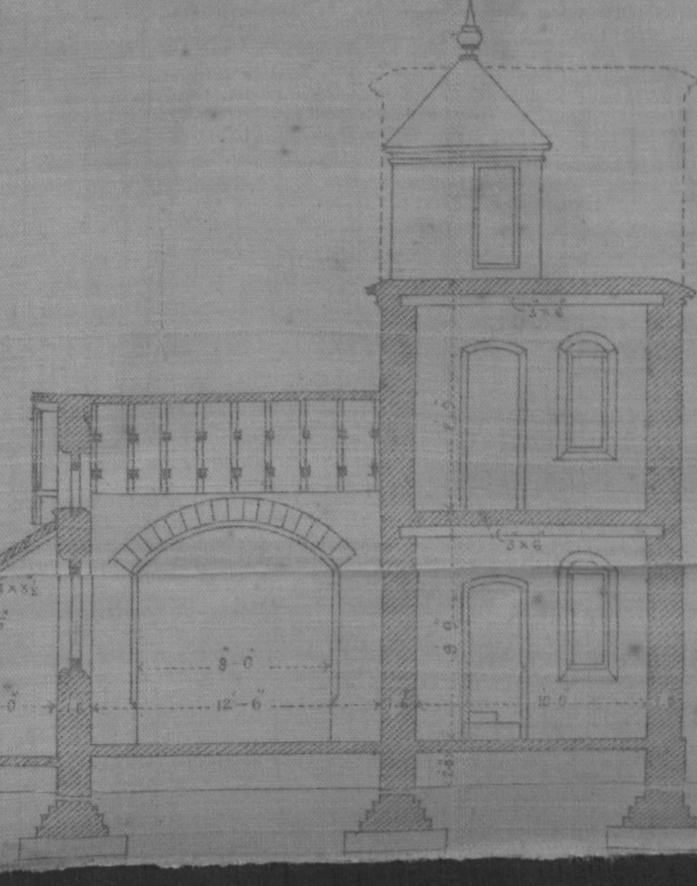


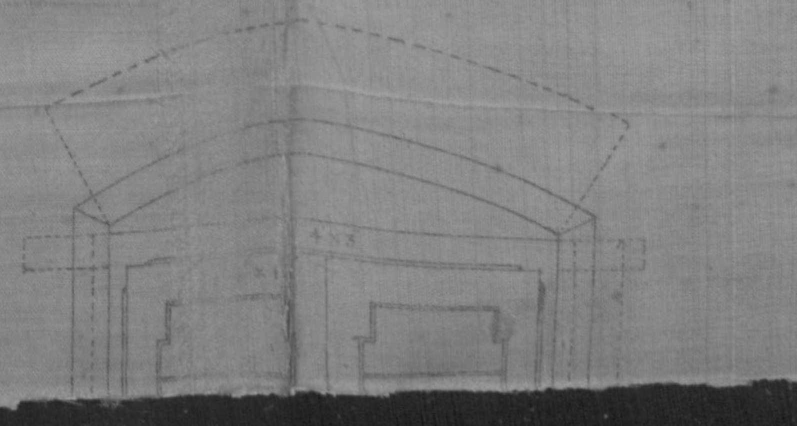
PLAN

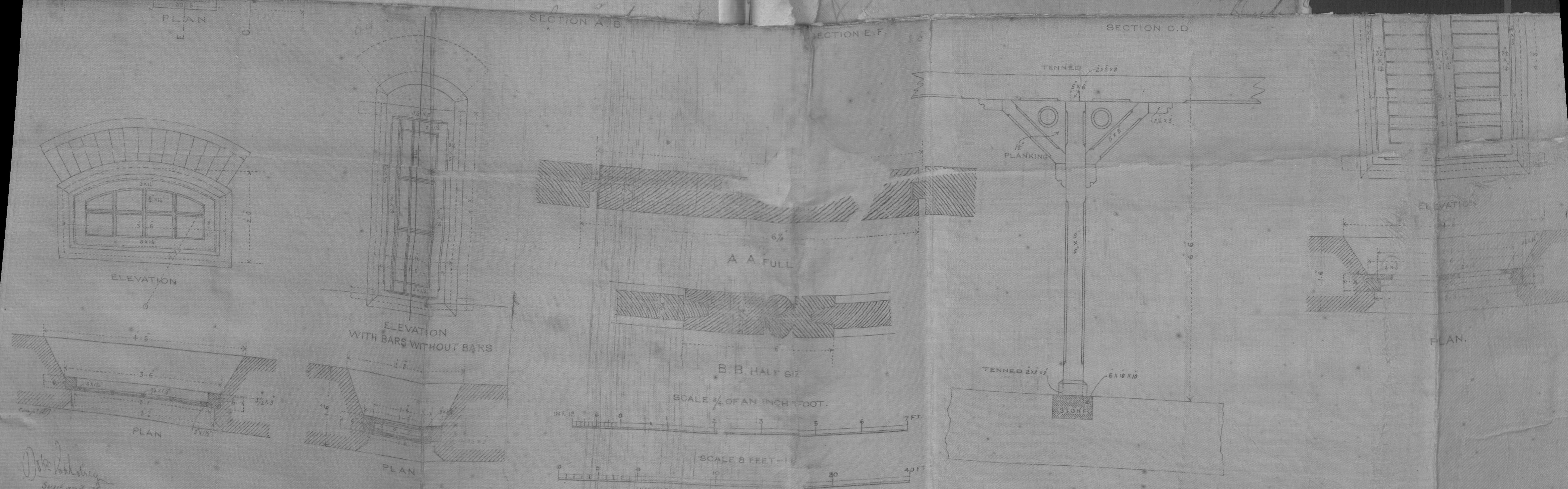












Supt and Manager
Govt Litho: Dept Chepauk Madras
February 1884.

…nnett
…Genl. of Regist
…uary 85

(Signed) J. Morant Major R. E
Offg Consulting Architect to Govt
8th November 1883.

Brown Major
Dy Chief Engineer P. W