(1) பக்கங்களின் எண்ணிக்கை 60.
(2) புதுக்கித் திருப்பிய நாள் 9/90
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D துறை

57

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 802
அச்சகம்
பலவகை

நாள் : 19-3-1891 198 .

வோ கண்டபடி கையாளவோ கூடாது

30 Sheets with ~~one~~ Three Big Map) 28 Statements

r-1—18,006—15-6-87.

19TH MARCH 1891, No. 802 W., PUBLIC WORKS.

802/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From H. IRWIN, Esq., C.I.E., Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepâk, 3rd July 1890, No. 1068.

With reference to your memo. No. 3609 C., dated the 12th August 1889, I have the honor to submit, for approval, plans and estimate for wooden record-racks.

2. The rough sketch and estimate with Deputy Chief Engineer's note received with the memorandum under reply are herewith returned.

From the Superintending Engineer, II Circle, dated 18th February 1891, No. 2929 K.S.

From the Consulting Architect to Government, dated 26th February 1891, No. 3587.

From H. IRWIN, Esq., C.I.E., Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepâk, 5th March 1891, No. 3673.

In continuation of this office letter No. 3587, dated the 26th February 1891, I have the honor to submit a drawing of a portable ladder which can be easily carried by one person. The cost of such a ladder is Rs. 16. A ladder of this description, but somewhat higher, is in use at this office.

ORDER—dated 19th March 1891, No. 802 W., Public Works.

The type plan of wooden record-racks and step ladder for taluk offices, submitted by the Consulting Architect, is approved, and copies of the plan, specification and estimate will be circulated to officers and departments concerned for information and guidance with reference to G.O., No. 2032 W., dated 29th July 1889.

(True Extract.)

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

To Superintending Engineers.
,, the Consulting Architect to Government.
,, the Revenue Department.

Exd. A. D. Xavier.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.
PUBLIC WORKS.

Dated March, 19th.

Recd.   *Encl.*

G.O., 19th Mar. 1891, No. 802 W.

MARCH.

Wooden Record-racks

The type plan of — and step ladder for taluk offices, approved and ordered to be circulated to officers and departments concerned.

802/2

Accompaniment to G.O., No. 802 *W., dated* 19*th March* 1891.

SPECIFICATION to accompany the type plan and estimate for wooden record racks for taluk offices, prepared in accordance with the Deputy Chief Engineer's endorsement No. 3609 C., dated 12th August 1889, on G.O., No. 2032 W., dated 29th July 1889.

The following are the sizes of the racks :—

6′ 0″ × 2′ 6″ × 9′ 11.″
12′ 0″ × 1′ 3″ × 12′ 3.″
6′ 0″ × 1′ 3″ × 12′ 3.″

The uprights for the 1′ 3″ or narrow racks to be $2\frac{1}{2}''$ square and 3″ square for the 2′ 6″ racks. The horizontal bars and framing for the former being $1\frac{3}{4}'' \times 3''$ and $2'' \times 3''$ for the latter, they will be tenoned into mortises in the uprights and secured by treenails; before being put together the mortise and tenon to be coated with white-lead. The shelves will consist of battens $3'' \times 1''$ movable or secured at the ends with screws, if preferable.

The narrow or 1′ 3″ racks will be placed against the wall and secured to it by $\frac{3}{4}''$ iron bolts passing through the wall with head outside over $4'' \times 4'' \times \frac{1}{8}''$ thick washers; the bolts passing through the rack will be secured by hexagon nuts over $2'' \times 2'' \times \frac{1}{8}''$ washers; the ironwork to be painted with one coat red-lead before fixing.

The racks to be made of well-seasoned Burma teakwood, free from all defects, wrought, clean and framed in a workmanlike manner, and stained with two coats wood-oil after the work has been inspected and passed by the Executive Engineer in charge of the work.

(Signed) H. IRWIN,
Consulting Architect to Government.

ENCLOSURES.

ESTIMATE form—Detail measurements.

Detail of work.	Number.	Measurements in feet.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth	Depth.		
1	2	3	4	5	6	7
Record racks, measuring $6' \times 2\frac{1}{2}' \times 9\frac{11}{12}'$.						
Teakwood—						
Uprights	6	9 11	0 3	0 3	3 8 7	
Horizontal pieces	28	2 $10\frac{1}{2}$	0 2	0 3	3 4 3	
End and cross pieces	21	2 3	0 2	0 3	1 11 7	
Horizontal pieces for shelves ...	42	2 $10\frac{1}{2}$	0 3	0 1	2 6 2	
Total cubic feet ...	...	...	...	...	...	11 6 7
Wood-oiling—						
Racks	6	10 0	...	1 0	60 0 0	
	28	2 9	...	0 10	64 0 0	
	21	2 0	...	0 10	35 0 0	
	42	2 9	...	0 8	77 0 0	
Total squares ...	...	...	...	...	...	2·36

Detail of work.	Number.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
1	2	3	4	5	6	7
Record racks, measuring 12′ × 1¼′ × 12¼′.						
Teakwood—						
Uprights	6	12 3	0 2½	0 2½	3 2 3	
Horizontal pieces	32	5 10½	0 1¾	0 3	6 10 3	
End and cross pieces	40	1 0	0 1¾	0 3	1 5 6	
Horizontal pieces for shelves ..	64	2 11¼	0 3	0 1	3 11 0	
Total cubic feet ...	...	...	...	...	...	15 5 0
Wrought iron—						
Bolts ¾″ diameter	8	3 6	1·476	...	41·32	
Hexagon head and nuts for bolts.	8	·43	lb. each.	...	3·44	
Washers, 2″ × 2″ × ⅛″	8	·138	do.	...	1·10	
Do. 4″ × 4″ × ⅛″	8	·55	do.	...	4·40	
Total lb. ...	...	...	...	...	...	50·26
Drilling holes in the wall for fixing bolts	8	...	...	...	8	8
Wood-oiling—						
Rack	6 32 40 32	12 3 5 9 0 10 5 9	... ...	0 10 0 9½ 0 9½ 0 8	61 146 26 123	
Total squares ...	...	...	...	...	...	3·56
Record racks, measuring 6′ × 1¼′ × 12¼′.						
Teakwood—						
Uprights	6	12 3	0 2½	0 2½	3 2 3	
Horizontal pieces	32	2 10½	0 1¾	0 3	3 4 3	
End and cross pieces	24	1 0	0 1¾	0 3	0 10 6	
Horizontal pieces for shelves ...	32	2 10½	0 3	0 1	1 11 0	
Total cubic feet ...	...	...	...	...	...	9 4 0
Wrought iron—						
Bolts ¾″ diameter	4	3 6	1·476	...	20·66	
Hexagon head and nuts for bolts.	4	·43	lb. each.	...	1·72	
Washers, 2″ × 2″ × ⅛″	4	·138	do.	...	·55	
Do. back of wall, 4″ × 4″ × ⅛″	4	·55	do.	...	2·20	
Total lb. ...	...	...	...	...	...	25·13
Drilling holes in the wall for fixing bolts	4	...	...	...	4	4
Wood-oiling—						
Rack	6 32 24 32	12 3 2 9 0 10 2 9	... ...	0 10 0 9½ 0 9½ 0 8	61 0 70 0 16 0 59 0	
Total squares ...	...	...	...	...	...	2·06

ESTIMATE form—Abstract.

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
1	2	3	4	5	6
	Record racks, measuring 6 × 2½ × 9 11/12 *feet.*	RS.		RS.	RS.
11 6 7	Teakwood, wrought and put up	4 0 0	c. foot.	46	
2·36	Wood-oiling, three coats	1 2 0	square.	3	
	Contingencies at 5 per cent.	...	...	2	
	Petty supervision at 2½ per cent.	...	...	1	
	Total ...	...	...	...	52
	Record racks, measuring 12 × 1¼ × 12¼ *feet.*				
15 5 0	Teakwood, wrought and put up	4 0 0	c. foot.	62	
50·26	Wrought-iron bolts for fastening racks to wall	0 3 0	lb.	9	
8	Drilling holes in the wall for fixing bolts ...	1 0 0	each	8	
3·56	Wood-oiling, three coats	1 2 0	square.	4	
	Contingencies at 5 per cent.	...	...	4	
	Petty supervision at 2½ per cent.	...	...	2	
	Total ...	...	...	...	89
	Record racks, measuring 6 × 1¼ × 12¼ *feet.*				
9 4 0	Teakwood, wrought and put up	4 0 0	c. foot.	37	
25·13	Wrought-iron bolts for fastening racks to wall	0 3 0	lb.	5	
4	Drilling holes in the wall for fixing bolts ...	1 0 0	each	4	
2·06	Wood-oiling, three coats	1 2 0	square.	2	
	Contingencies at 5 per cent.	...	...	2	
	Petty supervision at 2½ per cent.	...	...	1	
	Total ...	...	...	...	51
	Grand total of estimate ...	...	...	...	...

NOTE.—The cost of a ladde [illegible] accordance with the type design will be approximately Rs. 16.

MADRAS,
3rd July 1890.

(Signed) H. IRWIN,
Consulting Architect to Government.

Specification to accompany the type plan and Estimate for wooden record racks for Taluq Offices, prepared in accordance with the Deputy Chief Engineers Endorsement No. 3609 c dated 12th August 1889, on G.O. No. 2032 w dated 29th July 1889.

The following are the sizes of the Racks

6'. 0" × 2'. 6" × 9'. 11"
12'. 0" × 1' 3" × 12'. 3"
6' 0" × 1' 3" × 12' 3"

802/4

The uprights for the 1'. 3" or narrow racks to be 2½" square, and 3 inches square for the 2'. 6" racks. The horizontal bars & framing for the former being 1¾" × 3" and 2" × 3" for the latter, they will be tenoned into mortises in the uprights and secured by treenails; before being put together the mortice & tenon to be coated with white lead. The shelves will consist of battens 3" × 1" moveable, or secured at the ends with screws, if preferable.

The narrow or 1'. 3" racks will be placed against the wall and secured to it by ¾" iron bolts passing through the wall with head outside over 4" × 4" × ⅛" thick washers. the bolts passing through the rack will be secured by hexagon nuts over 2" × 2" × ⅛" washers. The

The iron work to be painted with one coat red lead before fixing.

The racks to be made of well seasoned Burmah Teakwood free from all defects, wrought clean & framed in a workmanlike manner, and stained with 2 coats woodoil after the work has been inspected and passed by the Executive Engineer in charge of the work.

H. Irwin

Consulting Architect
to Government.

P10 Bn 7/4
6321/90
2297/91

[P. W. D. Code, Edition of 1886—Paras. 921, 931.]

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

2 18

ESTIMATE FORM.—Detail Measurements.

80 2/5

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
		Measurements in Feet.				
1	2	3	4	5	6	7
Record racks measuring 6' × 2 1/2' × 9' 11/12						
Teakwood						
Uprights	6	9 11	0 3	0 3	3. 8 7	
Horizontal pieces	28	2. 10 1/2	0 2	0 3	3. 4. 3	
End & Cross pieces	21	2 3	0 2	0 3	1. 11. 7	
Horizontal pieces for shelves	42	2. 10 1/2	0 3	0 1	2. 6 2	
Total Cubic feet						11. 6. 7
Woodoiling						
Racks	6	10 0		1 0	60	
	28	2 9		0 10	64	
	21	2 0		0 10	35	
	42	2. 9		0 8	77	
Total squares						2. 36
Record racks measuring 12' × 1 3/4' × 12' 1/4"						
Teakwood						
Uprights	6	12. 3	0 2 1/2	0 2 1/2	3. 2. 3	
Horizontal pieces	32	5. 10 1/2	0 1 3/4	0 3	6. 10. 3	
Ends Cross pieces	40	1. 0	0 1 3/4	0 3	1. 5. 6	
Horizontal pieces for shelves	64	2 11 1/4	0 3	0 1	3. 11 0	
Total Cubic feet						15. 5. 0

10,000—3-3-90.

The iron work to be painted with one coat red lead before fixing.

The racks to be made of well seasoned Burmah Teakwood free from all defects, wrought clean & framed in a workmanlike manner, and stained with 2 coats woodoil after the work has been inspected and passed by the Executive Engineer in charge of the work.

£10 Rs 7/4 / 6324/90 22/9/91

H Irwin

Consulting Architect
to Government.

[P. W. D. Code, Edition of 1886—Paras. 921, 931.]

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

2

ESTIMATE FORM.—Detail Measurements.

80/5

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Record racks measuring 6' × 2½' × 9' 11/12						
Teakwood						
Uprights	6	9 11	0 3	0 3	3. 8 7	
Horizontal pieces	28	2. 10½	0 2	0 3	3. 4. 3	
End & Cross pieces	21	2 3	0 2	0 3	1. 11. 7	
Horizontal pieces for shelves	42	2. 10½	0 3	0 1	2. 6 2	
Total Cubic feet						11. 6. 7
Woodoiling						
Racks	6	10 0		1 0	60	
	28	2 9		0 10	64	
	21	2 0		0 10	35	
	42	2. 9		0 8	77	
Total squares						2. 36
Record racks measuring 12' × 1¼' × 12¼'						
Teakwood						
Uprights	6	12 3	0 2½	0 2½	3. 2. 3	
Horizontal pieces	32	5. 10½	0 1¾	0 3	6. 10. 3	
Ends Cross pieces	40	1. 0	0 1¾	0 3	1. 5. 6	
Horizontal pieces for shelves	64	2 11¼	0 3	0 1	3 11 0	
Total Cubic feet						15. 5. 0

10,000—3-3-90.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Wrought Iron						
Bolts ¾" dia:	8	3-6	1.476		41.32	
Hexagon head & nuts for do	8	·43	lbs each		3.44	
Washers 2"×2"×⅛"	8	·138	do		1·10	
Do 4"×4"×⅛"	8	·55	do		4.40	
Total lbs						50·26
Drilling holes in the wall for fixing bolts	8				8	8
Woodoiling						
Rack	6	12 3		0 10	61	
	32	5 9		0 9½	146	
	40	0 10		0 9½	26	
	32	5 9		0 8	123	
Total Squares						3.56
Record racks measuring 6'×1¼'×12¼'						
Teakwood						
Uprights	6	12 3	0 2½	0 2½	3.2.3	
Horizontal pieces	32	2. 10½	0 1¾	0 3"	3.4.3	
End & cross do	24	1 0	0 1¾	0 3	0.10.6	
Horizontal pieces for shelves	32	2. 10½	0 3	0 1	1.11.0	
Total Cubic feet						9. 4.

[P. W. D. Code, Edition of 1886—Paras. 921, 931.]

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

ESTIMATE FORM.—Detail Measurements.

80g/b

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Wrought Iron						
Bolts ¾" dia	4	3-6	1.476		20.66	
Hexagon head & nuts for do	4	·43	lbs each		1.72	
Washers 2"×2"×⅛"	4	.138	do		.55	
Do back of wall 4"×4"×⅛"	4	.55	do		2.20	
Total lbs						25.13
Drilling holes in the wall for fixing bolts	4				4	4
Woodoiling						
Rack	6	12.3		0 10	61 0	
	32	2 9		0 9½	70 0	
	24	0 10		0 9½	16 0	
	32	2 9		0 8	59 0	
Total Squares						2.06.

3-7-90.

REFERENCE TO MADRAS P. W. D. CODE,
EDITION OF 1886.
PARAS. 921, 932, &c., 949, 952—955, 962—964.

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

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate—

To be carried out by—

REFERENCES.

---

6 SP

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	TOTAL.
1	2	3	4	5	6
		RS.		RS	RS.
	Record racks measuring 6 × 1¾ × 12¼ feet				808/8
9.4 "	Teakwood wrought & put up	4 " "	C.ft	37	✓
25.13	Wrought iron bolts for fastening rack to wall	.. 3 ..	lb	5	✓
4	Drilling holes in the wall for fixing bolts	1 " "	Each	4	✓
2.06	Wood oiling 3 coats	1-2-	sqre	2	✓
	Contingencies at 5 percent			2	
	Petty Supervision at 2½ percent			1	✓
	Total Rupees				51

Grand Total of Estimate .. /

STATION Madras
Dated 3rd July 1890..

Henry Irwin
~~Executive Engineer~~.
Consulting Architect
to Government

20,000—5-3-90.

JH.
8-7-90.

[illegible]
8-7-90

Reference to Madras P. W. D. Code,
Edition of 1886.
Paras. 921, 932, &c., 949, 952—955, 962—964.

P. W. D. Form,
No. M 207.

F.n. 2.c.1 2
~~132/90~~
2397/91

Circle—

Division— 80/W

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work— Wooden record racks for Taluq Offices—

Amount of Estimate—

To be carried out by—

REFERENCES.

To 58.60.

The Hon Mr. H. E. Stokes C.S.I

In the new record racks the shelves are 6" apart, see plan pinned up in the file.

802/9

The Estimate under consideration; for racks in the Taluk Cutcherry Mayaveram, provides 13 racks

3	12' × 1'3" × 12'3"
7	6' × 1'3" × 12'3"
~~3~~	6' × 2'6" × 9'11"
13	

at a total cost of Rs 3410

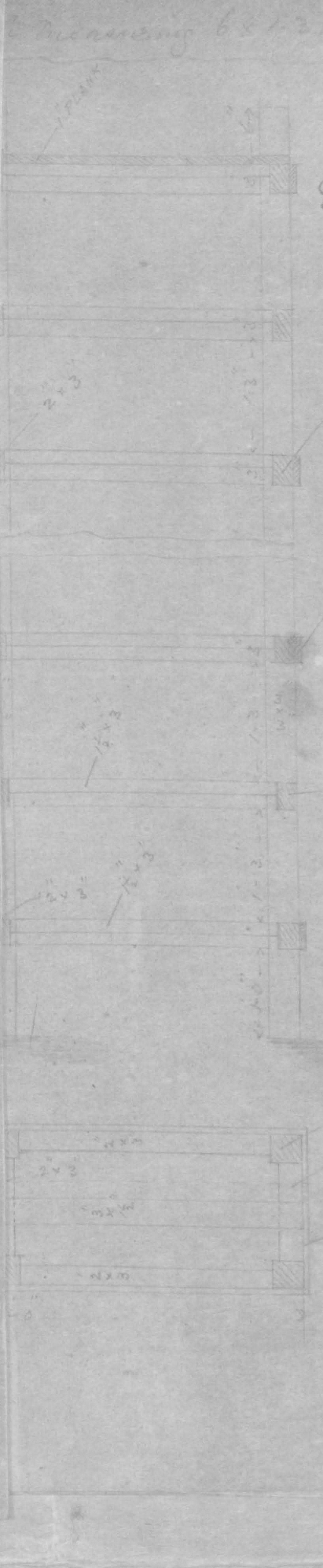
Jungle wood racks of the same dimensions, but with the shelves 1'3" apart would cost approximately Rs 625 see rough plan and estimate attached

MCM
15.7.89

Rned
17.7.89 W

Agl. 44/7
2
Hm 17/7

802/10

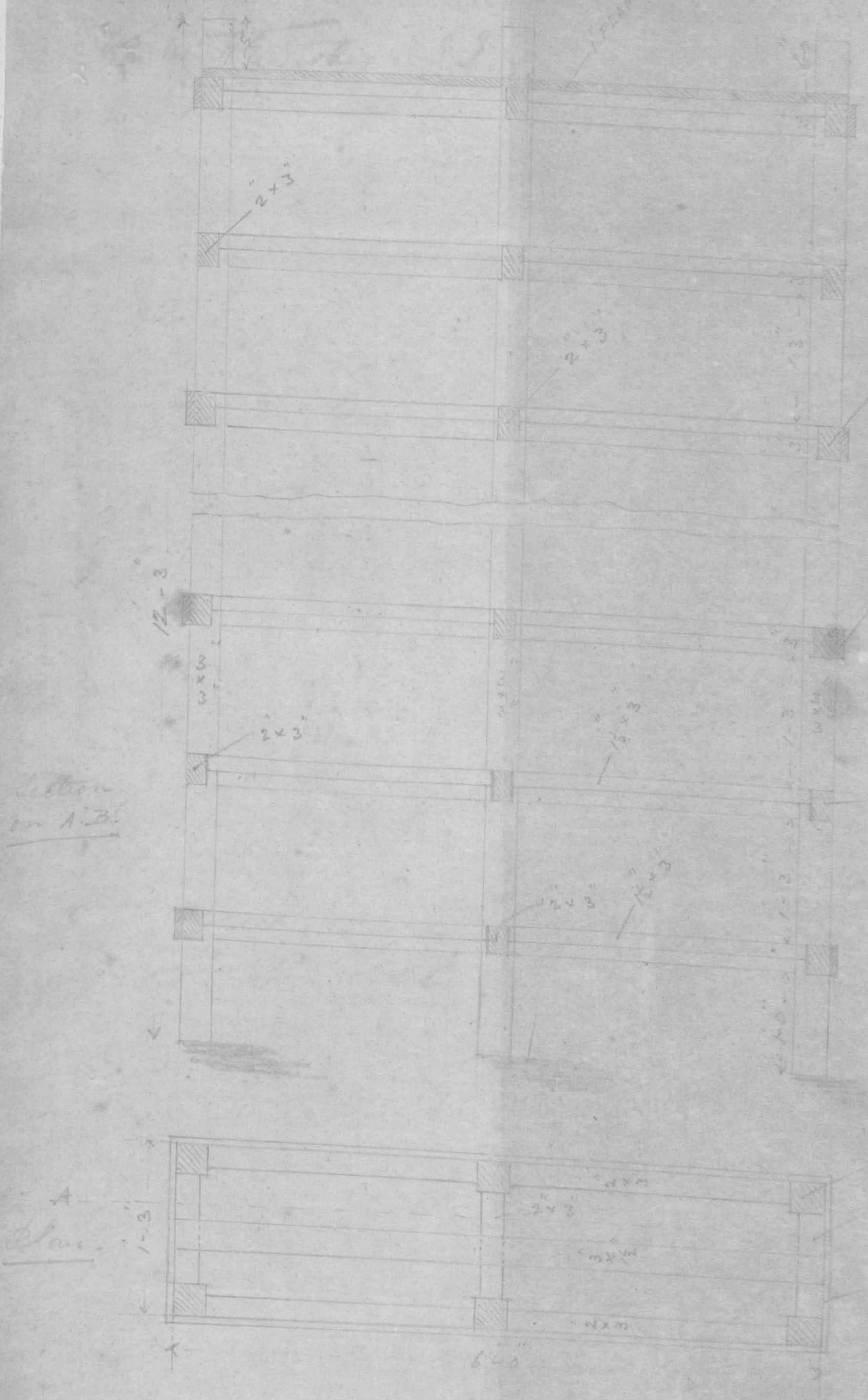


REFERENCE TO MADRAS P. W. D. CODE,
EDITION OF 1886.
PARAS. 921, 932, &c., 949, 952—955, 962—964.

P.W. Rec 2 / ~~632~~ 90
2297/91

Sketch plan
Jungle wood record rack measuring 6 × 1-3 × 12-3

802/10



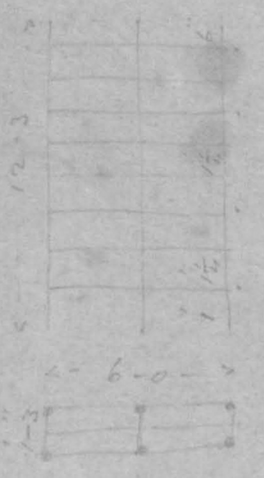
1" PLANK
2" × 3"
1½" × 3"
3 × 3
12'-3"
1'-3"
6'-0"
Section on A.B.
A
Plan

Sketches of different sizes of Racks.

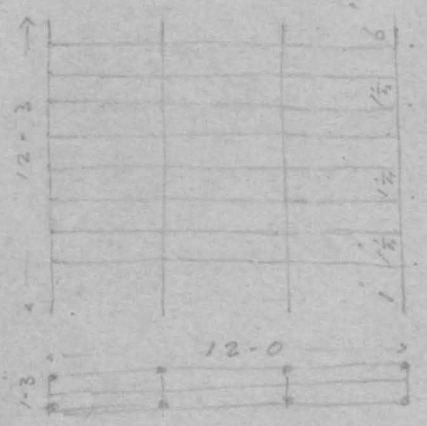
8-9
2-0
1-6
12-3

8-9
2-0
1-6
12-3

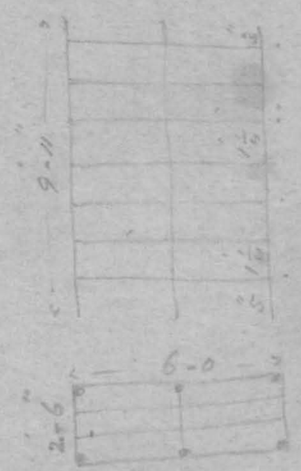
7-6
1-9½
3
9-11



7 Rack requd.



3 Racks requd.



3 Racks requd.

For Iron work Rs 5 -
Contingencies Rs 2 -

For Iron work Rs 10
Contingencies Rs 4 -

For Iron work [illegible]
Contingencies Rs

6

P.W. [illegible]
22/7/91

Detail Estimate for Junglewood Record rack measuring 6' × 1'-3" × 12'-3".

802/11

Detail of work	Number	Measurement in feet & inches Length	Breadth	Depth	Cubic Contents
Uprights	6	0-3	0-3	12-3	4-7-
Horizontal pieces front & rear	32	3-0	0-2	0-3	4-0
Ends & centre pieces	24	1-3	0-2	0-2	1-3
Horizontal pieces for shelves	8	6-0	0-3	0-1½	1-6
Do pieces for fastening rack	8	6-2	0-1	0-3	1-0
End pieces for Do Do	8	1-5	0-1	0-3	0-2
Plank on top shelf	1	6-0	1-3	0-1	0-7-
					13-2-
Or say Jungle wood wrought & put up Cft					1
Iron bolt for fastening rack to wall - L. S.					

Abstract of the foregoing Estimate.

Quantity	Description of work	Rate	Per	Amount	Total
13¼	Cft of Jungle wood wrought & put up - @	2	Cft.	27	
	Iron bolt for fastening rack to wall	-	-	5	
	Contingencies	-	-	2	
	Total for one rack - Rupees				34

General Abstract Estimate for different sizes of Jungle wood Record Racks.

No. of Racks required	Sizes of Racks	Rate	Per	Amount	Total
7	Racks measuring 6 × 1-3 × 12-3. @	34 - -	Each	238	
3	- Do - Do 12 × 1-3 × 12-3. @	68 - -	Do	204	
3	- Do - Do 6 × 2-6 × 9-11. @	55 - -	Do	165	
2	Jungle wood Ladders - @	9 - -	Do	18	
	Grand Total for 13 Racks & 2 Ladders =		Rupees		625.

15th July/89.

802/12

Gen

differentsizes of

No. of Racks required	Siz
7	Racks mea
3	— Do —
3	— Do —
2	Jungle
	Grand

15th

PW ~~Ph~~ 5 ~~6821/90~~ 22/7/91

802W

809W

Estimate for

Jungle wood R

racks of diff

Sizes.

Grand Total for 13

& 2 Ladders = Rs

Note 495 D 4/7/90

P. W. D.

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
3rd July 1890.

No. 1068.

802/13

From

Henry Irwin, Esq., C.I.E.,
Consulting Architect
to the Government of Madras,

To

The Chief Engineer
Public Works Department

Sir,

Enclosures.

ings

ification

imate

h sketch

rs. note

With reference to your Memo: No. 3609C dated the 12th August 1889. I have the honor to submit for approval plans & Estimate for wooden Record Racks.

2. The rough sketch and estimate with Deputy Chief Engineers note received with the Memo under reply are herewith returned.

I have the honor to be
Sir
Your most obedient Servant
Henry Irwin
Consulting Architect.

P. W. C No 6321

Public Works Department.

Memo No 5710 C d/ 5-12-89
" " 3609 C d/ 12.8.89
G.O. Nos 2032 W d/ 29.7.89
" " " 3288 W d/ 20.11.89
" " " 1098 W d/ 12.4.88

From
THE CONSULTING ARCHITECT
TO THE GOVERNMENT OF MADRAS,

To
THE Chief Engineer
P. W. D.

No. 1068

Dated 3 } July 1890.
Received 5 }

No. OF ENCLOSURES. ~~4~~ 7
(1 plan + 1 rough Estimate)

Subject.

Submitting for approval plans & estimate for wooden Record racks for Taluq offices.

No 2950
24.7

Circd
7.7.90

0/10/7

Superintending Engineer's Office.

No. 2929 K.S.

II CIRCLE, Bezwada.
Dated 18th February 1891.

803/15

From,
J. Hannan Esquire,
Superintending Engineer,
II Circle.

To,
The Chief Engineer,
P. W. Department,
Madras.

Sir,

With reference to G.O. No 2032 W. of the 29th July 1889, intimating that a type plan with specification and quantities for wooden racks for Taluq Cutcherries will be prepared and issued for guidance, I have the honor to request you will be good enough to let me know when the same may be expected to be received in this Office.

I have the honor to be,
Sir,
Your most Obedt Servt,

J. Hannan

Superintending Engineer,
II Circle.

17.2.91

P.W.C. S 2 [illegible] 5

~~From~~

The Superintending Engr.
II Circle

To

The Chief Engineer
P. W. Department

Dated 18th February/91

No. 2929 K.S.

Enclo. nil –

Wooden racks for Taluq cutcheries – type plan with Specification for – Enquiries when the is expected to be received in this Office –

No. 1030 C of 23rd Feby 1891

To

The Consulting Architect

For remarks with reference to the correspondence ending with No. 5710C dated 5th December 1889 from this office.

WCM
23.2.91

D.W.

P. W. D.

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
26th February 1891.

No. 3587.

8602/16

From

Henry Irwin, Esq., C.I.E.,
Consulting Architect
to the Government of Madras,

Recd //

To

The Chief Engineer
Public Works Department
Madras

Sir,

Enclosures. 8

1. Plan
1. Report
1. Detd Esti
1. Abstd Do
1. Origl letter No. 2929 of 18th Feby/91 from the Supg Engr II Circle –
1. Sketch plan
1. Rough Estimate
1. Note from Dy Chief Engr.

8.

In returning letter No. 2929 dated 18th February 1891 from the Superintending Engineer II Circle received with your Endorsement No. 1030 C of the 23rd February 1891, I have the honor to state that I had a ladder made for the use of this Office from which a detailed drawing is being prepared and will be submitted shortly, hence the cause of the delay.

In the meantime I beg to suggest that the drawings and estimates of the Racks (herewith returned

returned) if approved may be forwarded to the press.

I have the honor to be
Sir
Your Most Obedt Servt

J. Irvine

Consulting Architect to Govt

802/17

P. W. Cons 2297

Public Works Department.

From

THE CONSULTING ARCHITECT

TO THE GOVERNMENT OF MADRAS,

To

THE Chief Engineer
P. W. Department
Chepauk.

No. 3587.

Dated 26th } February 1891.
Received }

No. OF ENCLOSURES. 8

Subject.

Requesting to forward to the Press the plan & Estimate for wooden record racks for Taluq Cutcherries &ca

T. 27-2-91

P. W. D.

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
5th March 1891.

No. 3673

803/18

From

Henry Irwin, Esq., C.I.E.,
Consulting Architect
to the Government of Madras,

To

The Chief Engineer
Public Works Department.

Sir,

1 Enclosures.

x C No 2297 – Plan sent to D Branch & CAW's memo to press to print Esti- mate 4/3

In continuation of this office letter No 3587 dated the 26th February 1891, I have the honor to submit a drawing of a portable ladder which can be easily carried by one person. The cost of such a ladder is Rs 16/- A ladder of this description but somewhat higher is in use at this office.

I have the honor to be
Sir
Your Most Obedient Servant

Henry Irwin
Consulting Architect
to Government.

P.W.E. No. 257

Public Works Department.

From

The Consulting Architect

to the Government of Madras,

To

The Chief Engineer P.W.D.

No. 3673

Dated 5th
Received 6th } March 1891.

29. 7. 89 - 2032 W
20. 11. 89 - 3288 W
5. 12. 89 - 5710 C
20. 7. 90 - 4952

No. of Enclosures. 1

Subject.

Submitting drawing of a step ladder for record racks at Taluq Catcherries

---

SAW 2572

802/20

Before disposal of this paper, please look up the papers on the subject of the Record Racks – They are, I think, being printed.

R.S. 9-3-91

AC

Can you please tell me where the previous papers are?

9/3

Slant

Previous papers put up – The sketch has been printed and is with it.

BP
10/3/91

DW
501

It is proposed to draft the G.O. after receipt of the plan of Ladder – and meanwhile in order to save time, to have the plan & estimate of record rack got ready for issue. The record rack plan has now been prepared for signature, but the transfer copy will, when ready, have to be signed again!

R.S.
3. 3. 91

809/21

6 E M

The plan has been sent to D. Branch to be prepared for lithography, the plan will be returned for approval – [illegible] the Govt. [illegible] as per [illegible]

KC
3.3.91

P.W.C. No. 25/

Public Works Department.

C.A.W.

Should not a fresh draft C.D. be drawn out in place of this one partially approved (Clause objected to by [illegible]) Should the Specification be copied in time

---

C.A.W.

802/22

I have examined the proof Sheets of the Estimates for wool racks & find them correct.

I think it will be necessary to print 200 of these Estimates & Specification as there will probably be a great demand for them.

10.3.91

P.W.D. No. 2575

Public Works Department.

W. 80 2/33

This is an ingenious lifting design, but consists of a large number of pieces of small scantling, the exact arrangement of which it is somewhat difficult to show on ~~the~~ drawings —

It must stand much rough usage but it might be passed I think

OOB
9.3.91

Yes E
9.3

P.W.D. No. 257

Public Works Department.

80/24

Public Works Department.

Current No. 2297
Letter No. 3587
Dated 26-2-91
From the Consulting Architect to Govt.

NOTE OF REMARKS.

The accompanying type designs & estimate of wooden record racks for Taluq Cutcherries are submitted by the Consulting Architect to Government with reference to the Chief Engineer's No. 1030 C dated 23rd February 1891.

The Consulting Architect states that he had a ladder made for his office & from which a detailed drawing is being prepared & will be submitted shortly.

He also suggest that the drawings & estimates of the wooden racks if approved may be

Public Works Dep

forwarded to the press.

The plans & estimates have already been received in this office & examined & found correct.

Please see T's note in the file dated 8th July 1890 — no further remark appear to be necessary.

The plans may be sent to the D Branch to be prepared for lithography & the estimates to the Govt. Press to be printed.

Crisp
2.3.91

The plan will be lithographed and the estimates printed
OVB
3.3.91
DW.

A.S.
to H.C.

A. Sent to D Branch by T.
B. Sent to the Press —
[illegible]
4/3/91

H.M. considered
jungle wood
sufficiently
l for Caling
rd racks —
design for
wden ladder
ting Rs 12 &
vided in the
ndard plans
iron racks
was suitable —

OVB
10.7.90

They may be printed & issued —
R[illegible]
12.7.90
W

Rs 12/4/

807/25

Public Works Department.

Current No. 6321

Letter No. 1068

Dated 3rd July 1890

From the Consulting Architect to Govt: —

NOTE OF REMARKS.

In compliance with the office Memo No 36092 d/13th August 1889 the Consulting Architect to Govt: submits for approval type plan with estimates & specification for teak wood record racks —

The plans & estimates have been examined and found correct, but no provision appears to be made for a ladder which seems necessary, it may therefore be well to return the plans & estimates to the Consulting Architect, for a drawing of the ladder & necessary provision being made in the estimate for the same —

The rates are fair — Contingencies & Supervision & Tools are provided for at 5 & 2½ % respectively.

When the plans & Ests: are returned to this office with provision for ladder ~~the plans~~ will be sent to D Branch to be prepared for lithography & the estimates to the Govt. Press. 200 copies of each will be required to

Crisp
8.7.90

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

802/26

READ the following

From the Consg Architect to Government (H.E. No 1068 d/ 3. VII. 90)

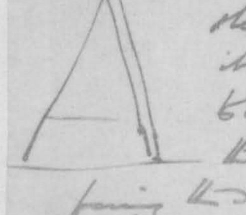
Print.

Specification & estimate to be printed as annexure & plans to be lithographed. I to check proofs.

The type plan of wooden record racks for taluk offices, submitted by the Consulting Architect, is approved, and copies of the plan, specification and estimate will be circulated to officers and departments concerned, for information and guidance, with

JG 18/7 JHG 17/7/90.

I am doubtful if the ladder is the best type. This apparently of iron & meant to hook on to the upper shelves. But iron bars are not pleasant to stand on for any time barefooted. I think a light wooden ladder such as the [illegible] have in their shops. or a sloping one of the [illegible] more like [illegible] wooden steps wd. be preferable as it wd. enable the man to get at more easily the papers when hooked on facing the shelves. JHG 17/7/90



reference to G.O. No. 2032W dated 29th July 89.

2. The type of ladder provided in the plan circulated with G.O. No. 1098 W dated 12th April 1888 will be adopted for use with the wooden record racks.

Russell
12.7.90
14/7

Cn

The Hon Mr J. H. Garstin C.S.I.
The Hon Mr J. Grose

The Hon Mr Garstin's suggestion might be referred to the C.A. before this is ordered.

J.G.
18/7

Refer
Russell
19.7.90

To the Secy to Govt. Rev. Dept.
for opinion of
committee [illegible]

Supdg Engineers
C.A. to Govt
Revenue dept

Ohs 10.vii
Rs 12.vii
Hm 14.vii
Hm C21

Hm
16.iii

802/27

Public Works Department.

Current No. 2572

Letter No. 3673

Dated 5th March 1891

From the Consulting Architect to Government.

KW

NOTE OF REMARKS.

The Consulting Architect submits a design for a portable ladder to be used with the wooden record racks to be used at Taluk Cutcherries, the cost of which is stated to be Rs 16.

No Estimates are submitted it might be well to have the quantities taken out to ensure uniformity in the submission of Estes from the several Divisions & circles, a detail and abstract Est. therefore appeared to be necessary.

7. 3. 91

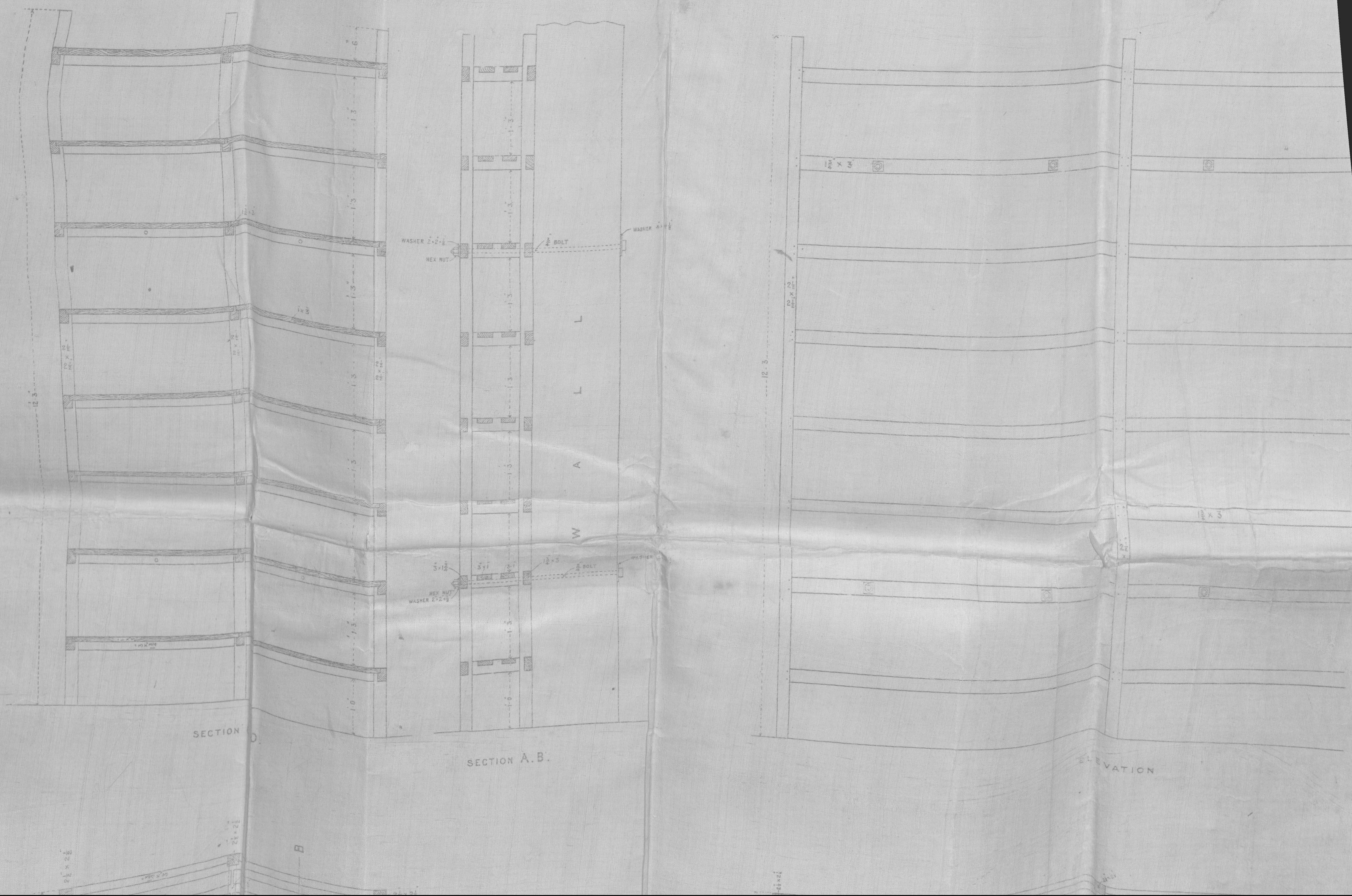
The dimensions of all the parts are so fully figured that a detailed Est. is hardly necessary.

The heads of two screws should be shown in the front view of the gun metal Stop.

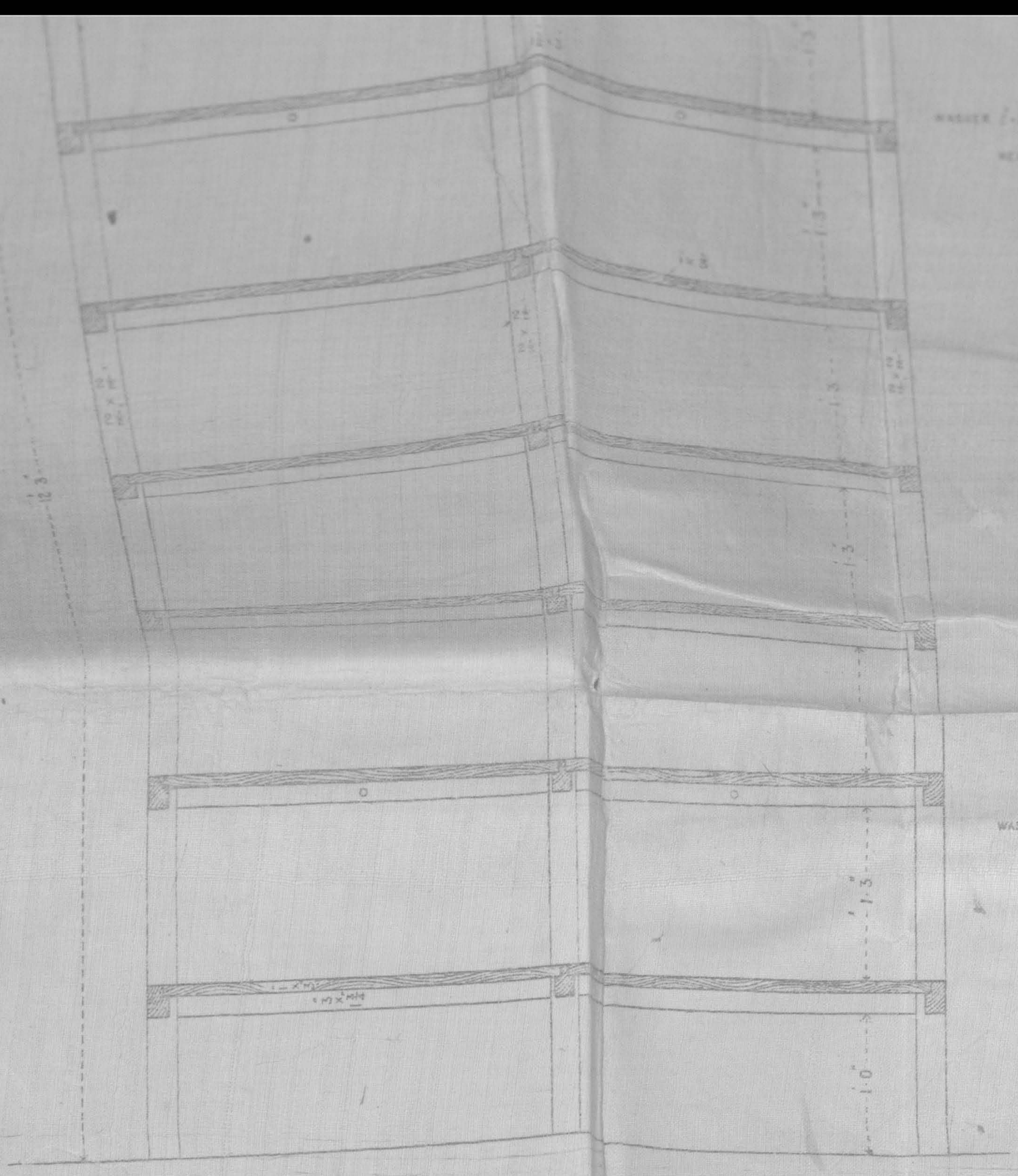
D.W.B.
9. 3. 91

DETAILS FOR WOODEN RECORD RACKS

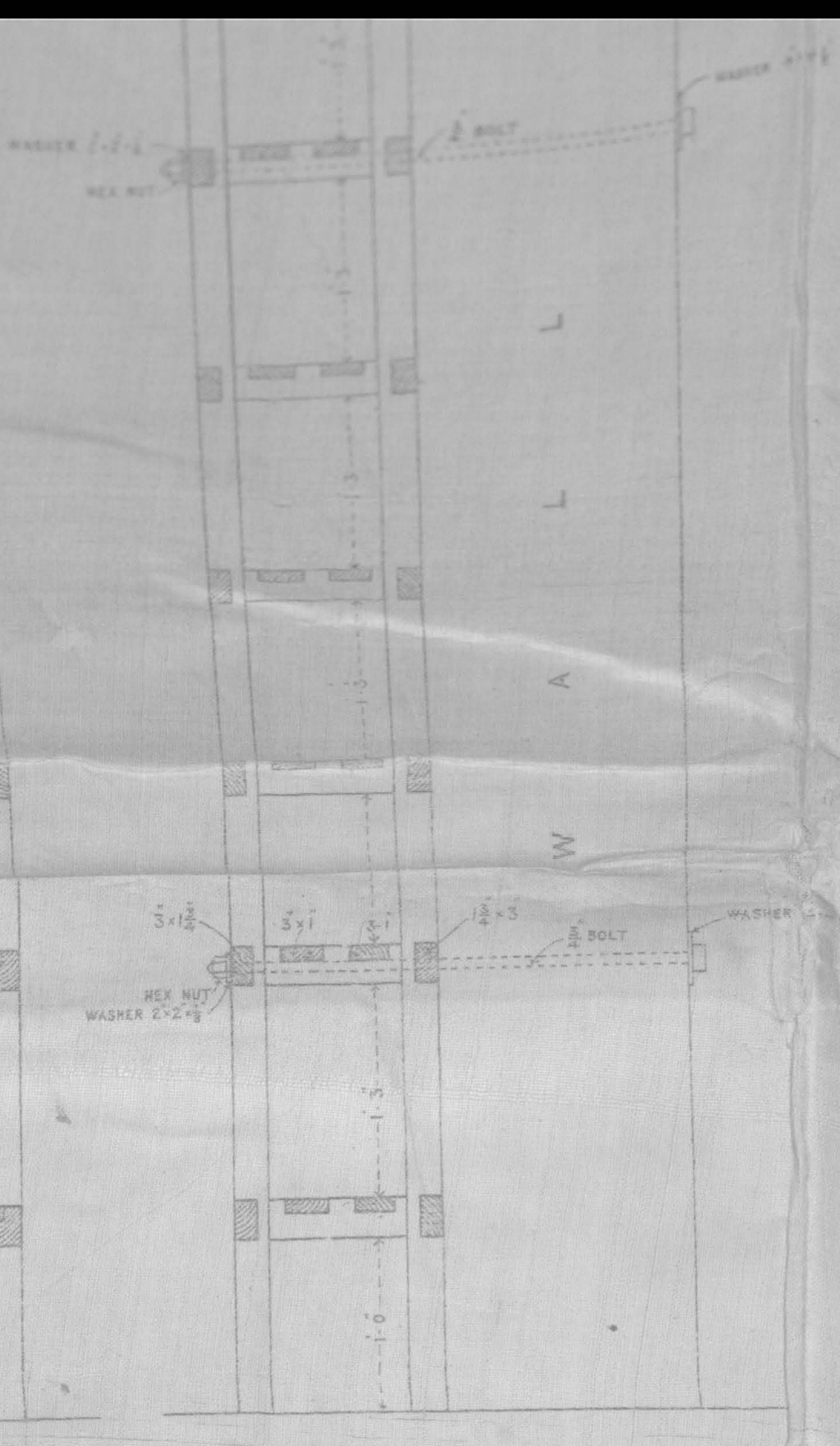
G. O. No. 802. W. DATED 19TH MARCH 1891.



12'-3"
1'-3"
1'-0"
1 × 3"
2½ × 2½
WASHER 2"×2"×⅛"
HEX NUT
¾" BOLT
WASHER 4"×4"×⅛"
3"×1¾"
3"×1"
1¾"×3
W A L L
1¾" × 3"
SECTION
SECTION A.B.
ELEVATION
B

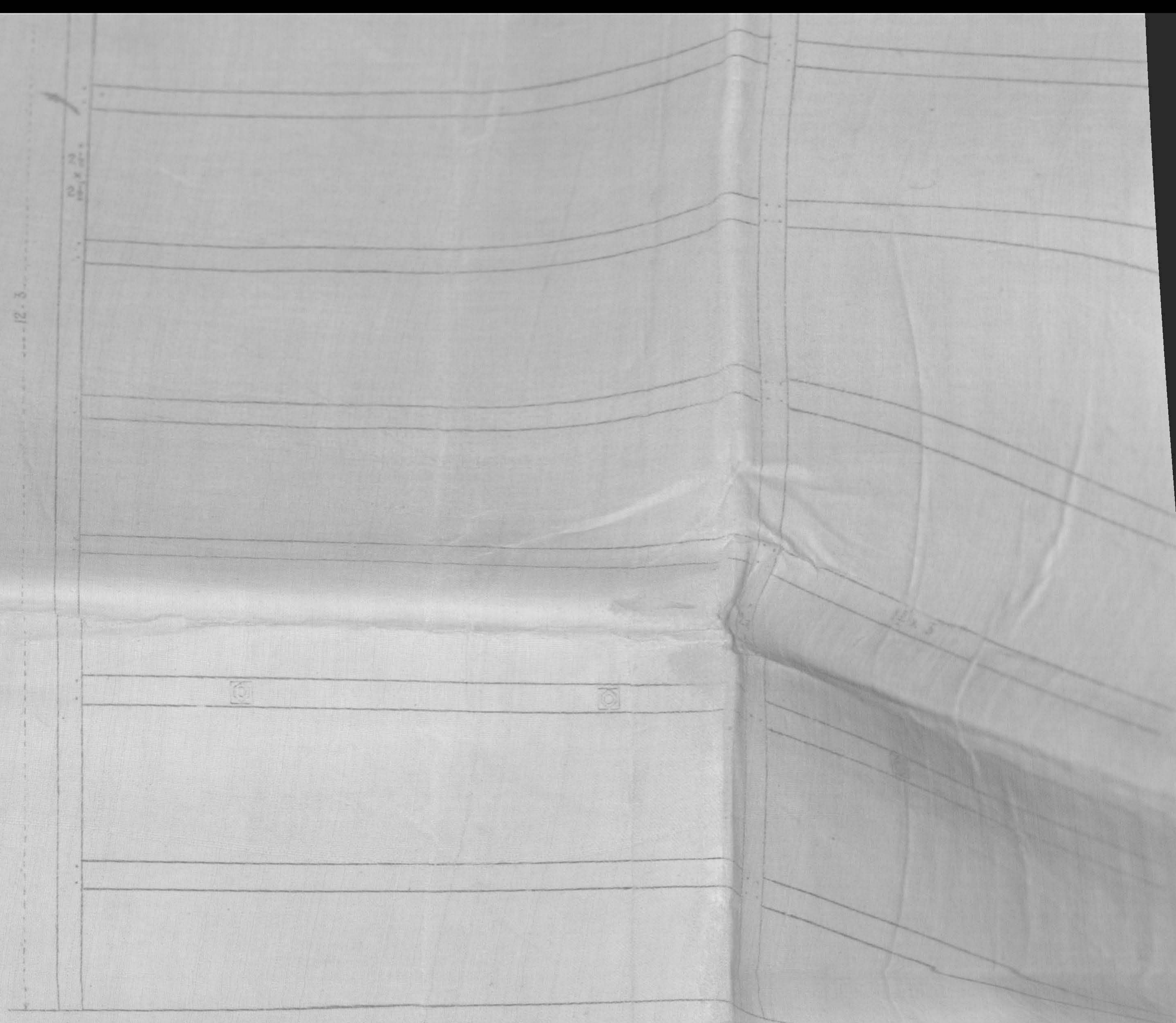


SECTION C.D.

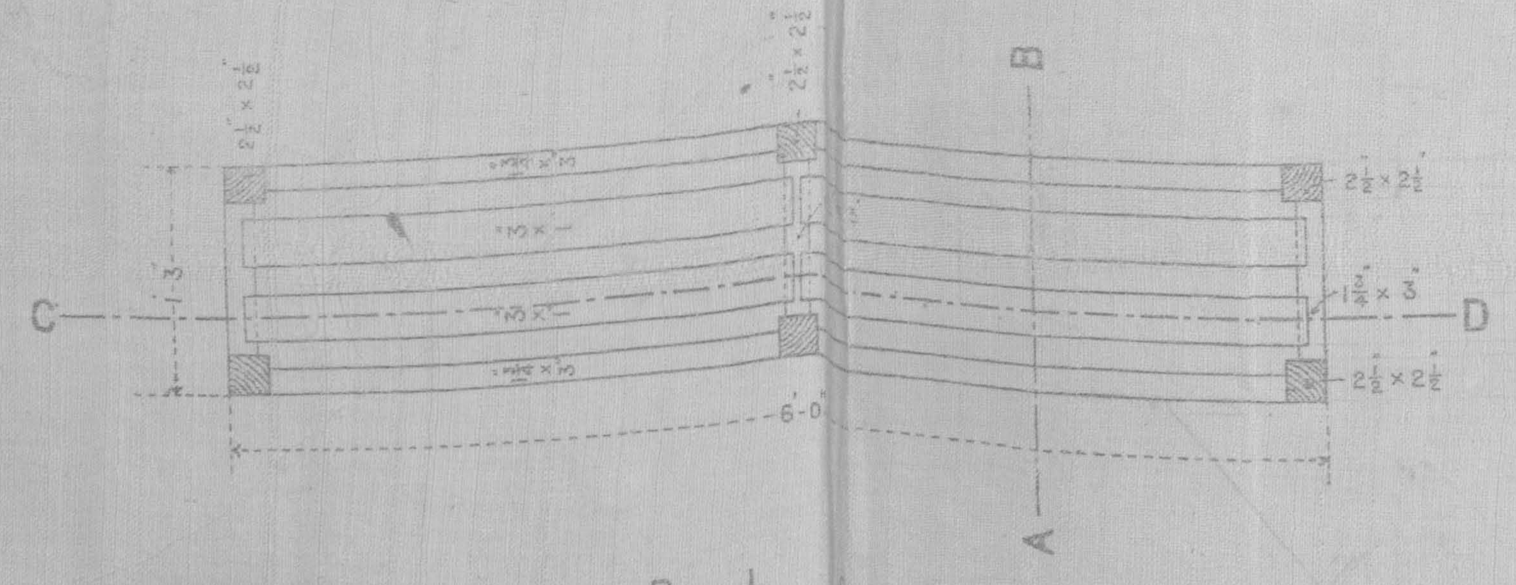


WASHER
REX NUT
BOLT
W A L L
3×1¾
1¾×3
REX NUT
WASHER 2×2×⅛
1-3
1-0

SECTION A.B.

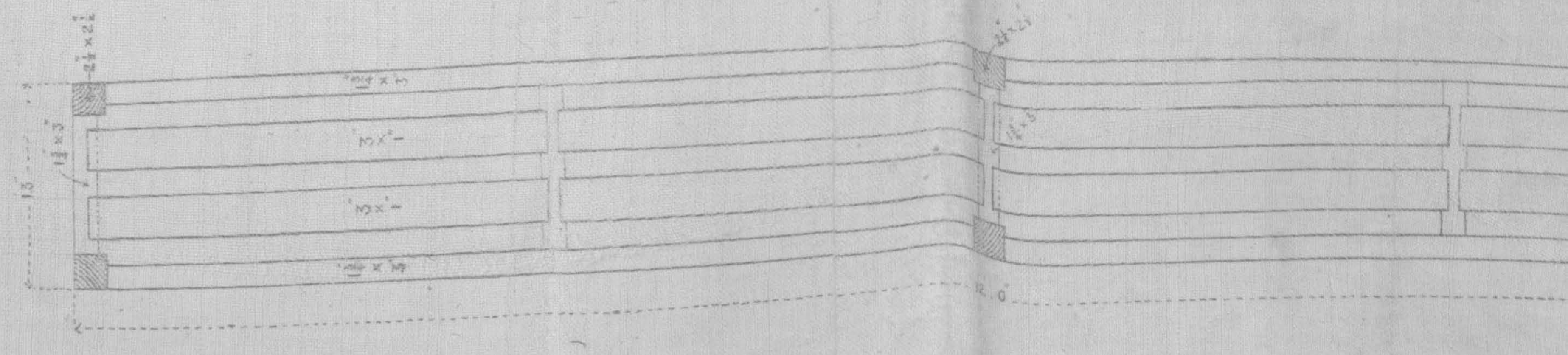


ELEVATION



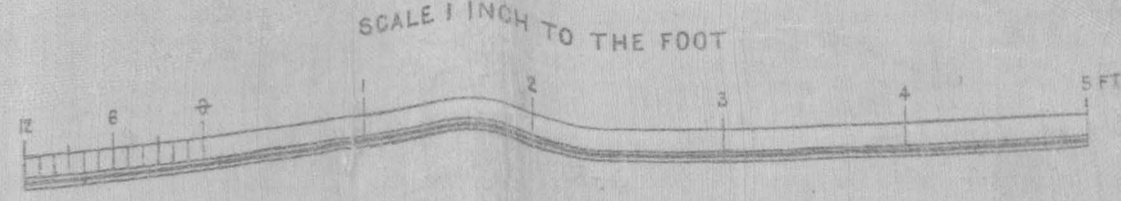
B
2½×2½
1¾×3
C
D
1-3
6-0
A

P L A N



2½×2½
1¾×3
3×1¾

P L A N



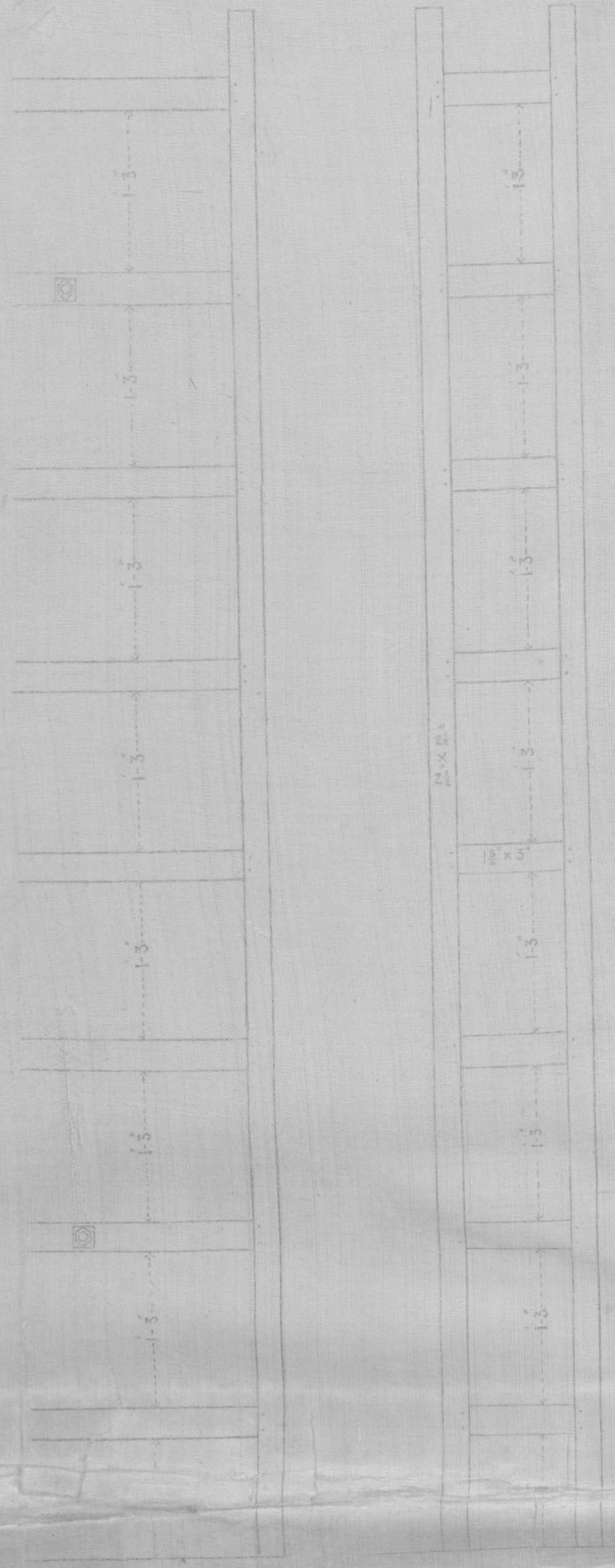
SCALE 1 INCH TO THE FOOT

12
6
0
1
2
3
4
5 FT

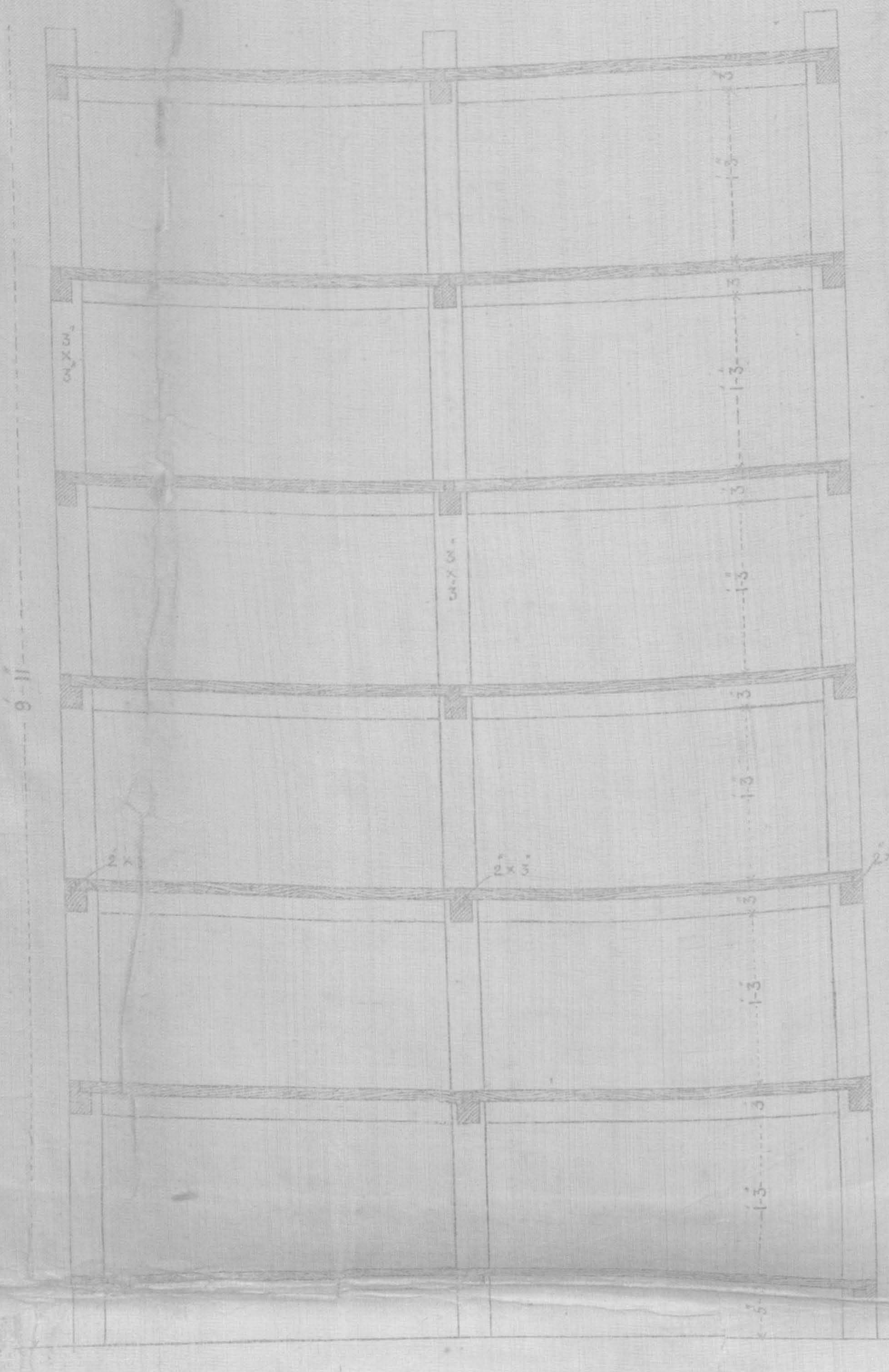
Reg: No. 95 Copies ~~200~~ 2155

Copy

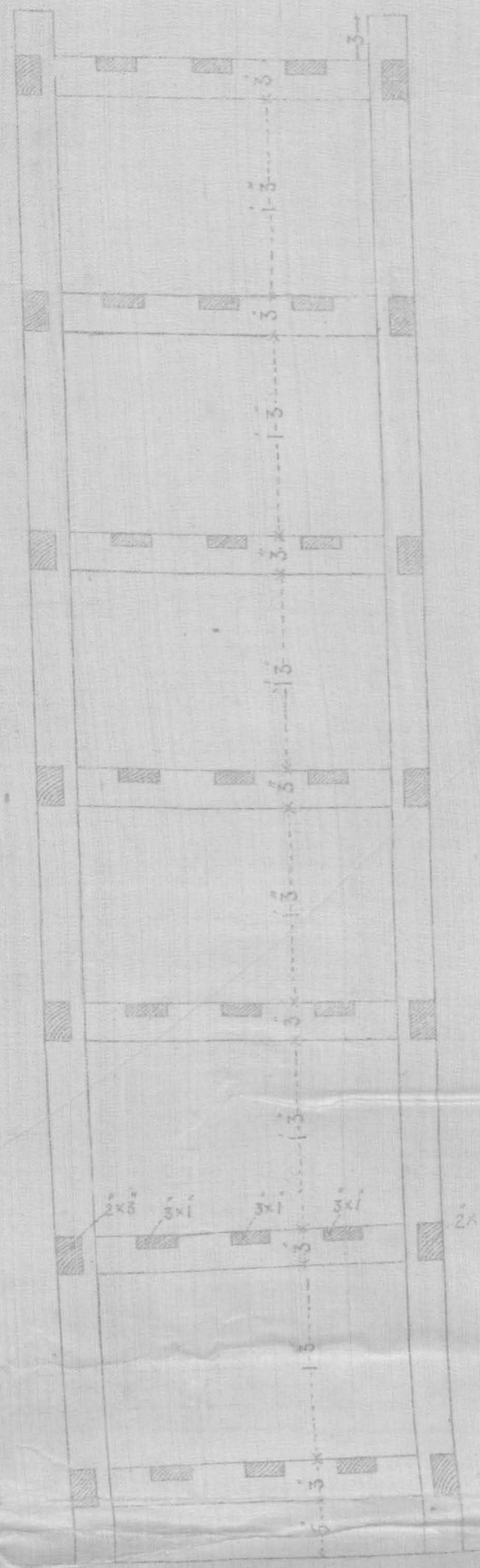
Sheet 11


1-3
2½ x 2½
1½ x 3

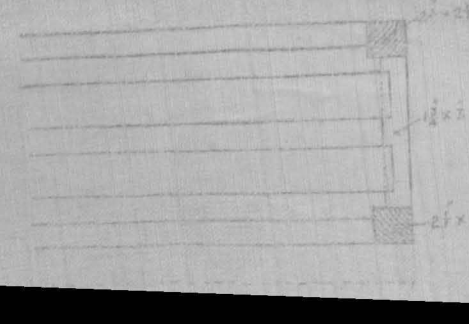
END ELEVATION

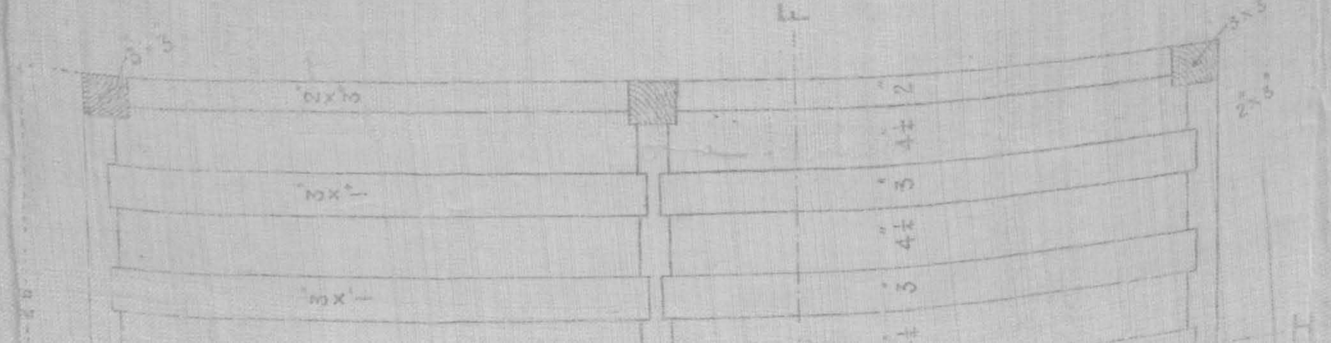

9-11
4 x 4
2 x 3
1-3

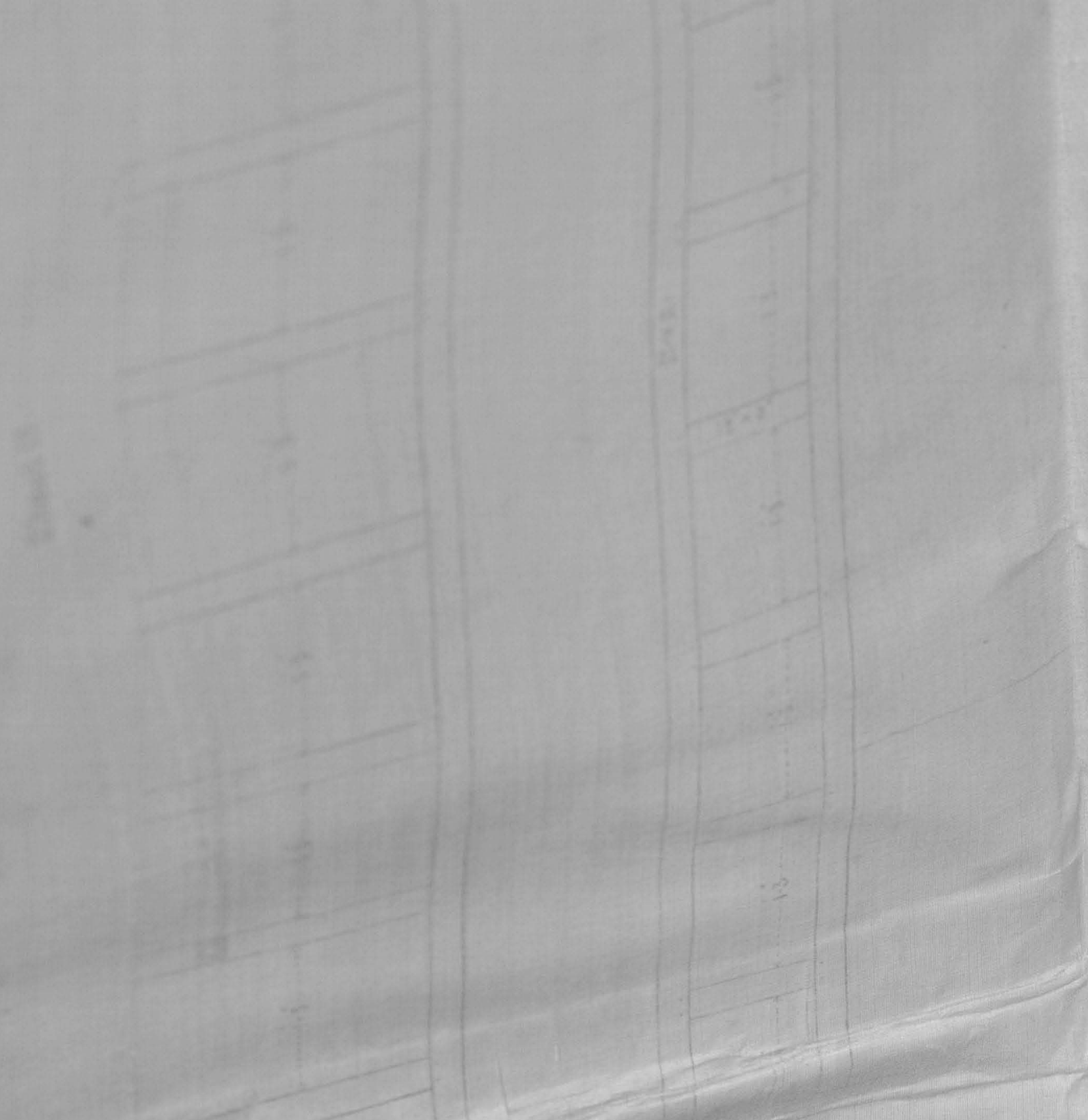
SECTION. G. H.



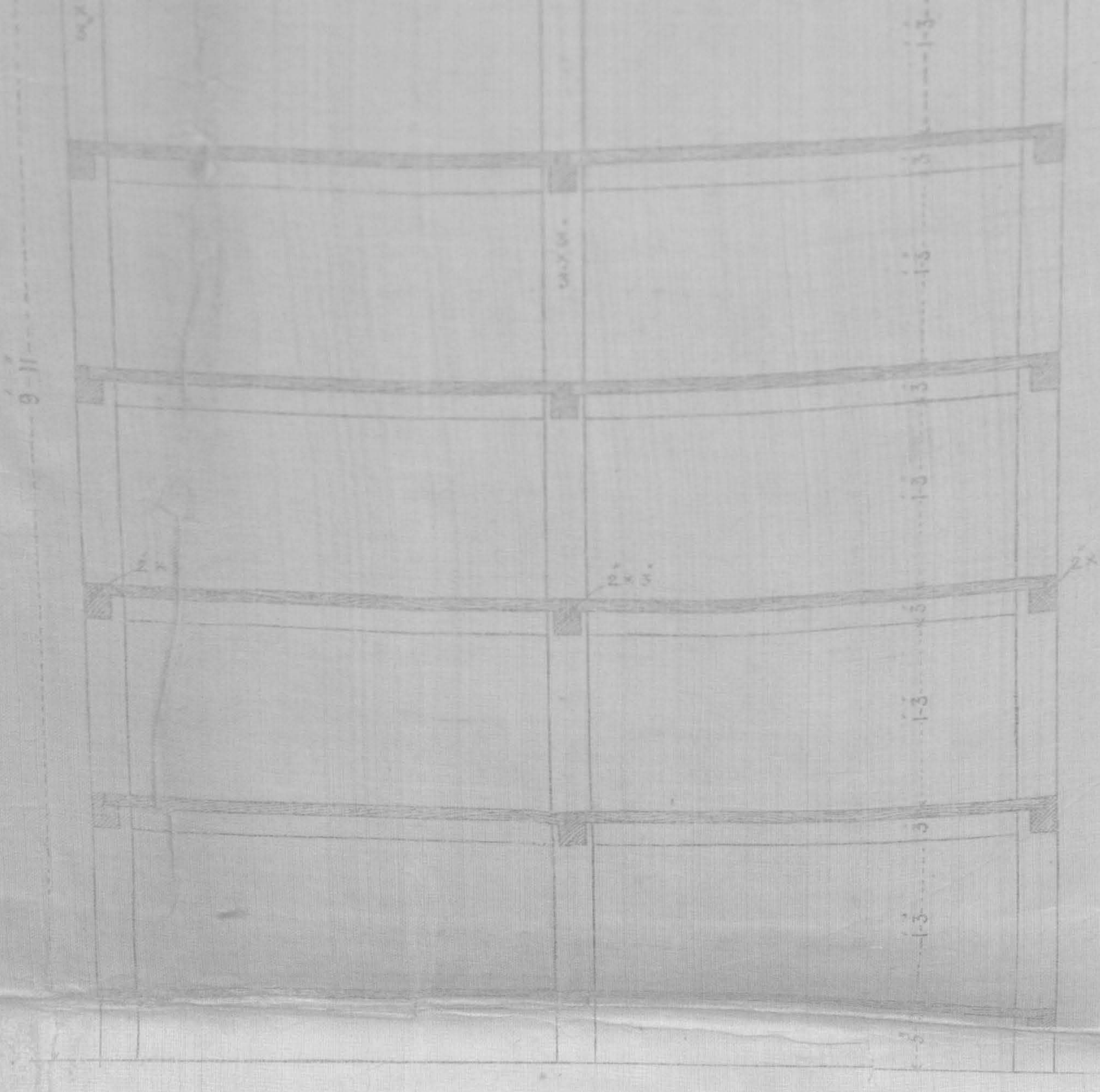
SECTION. E. F



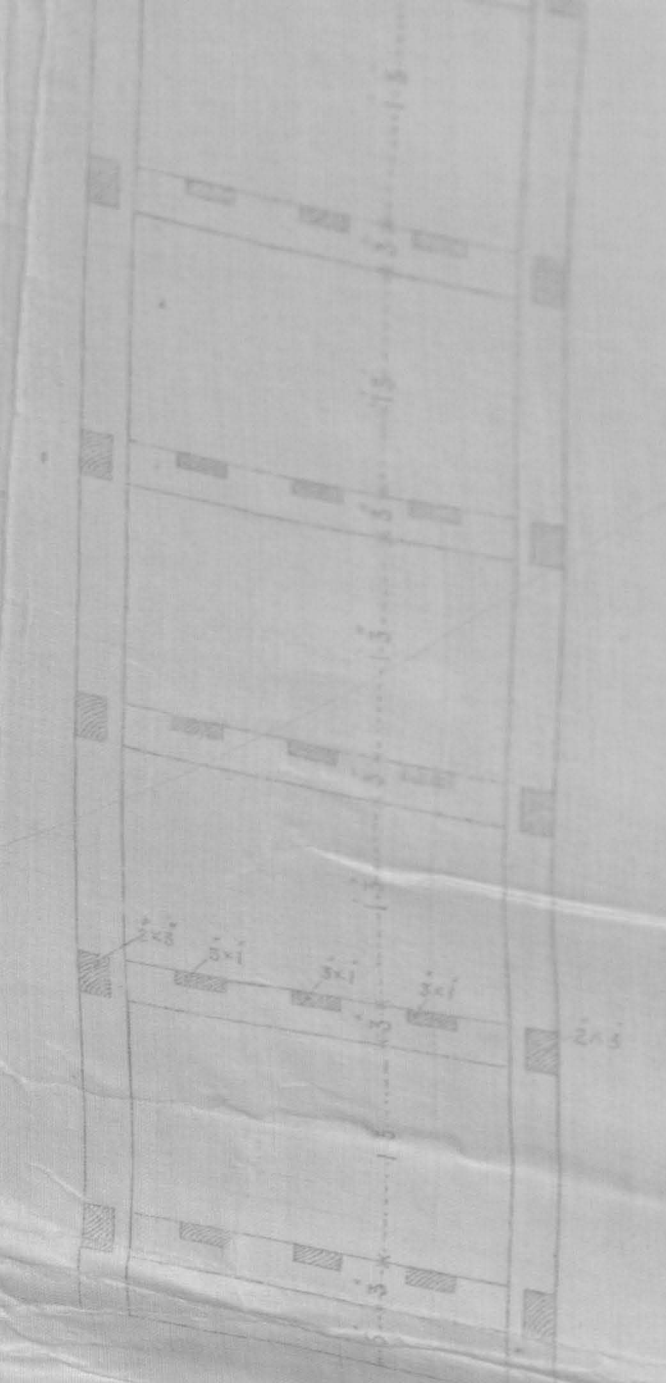




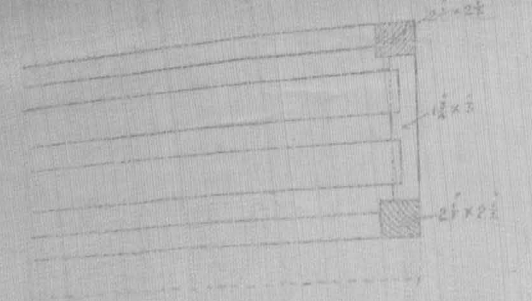
ELEVATION

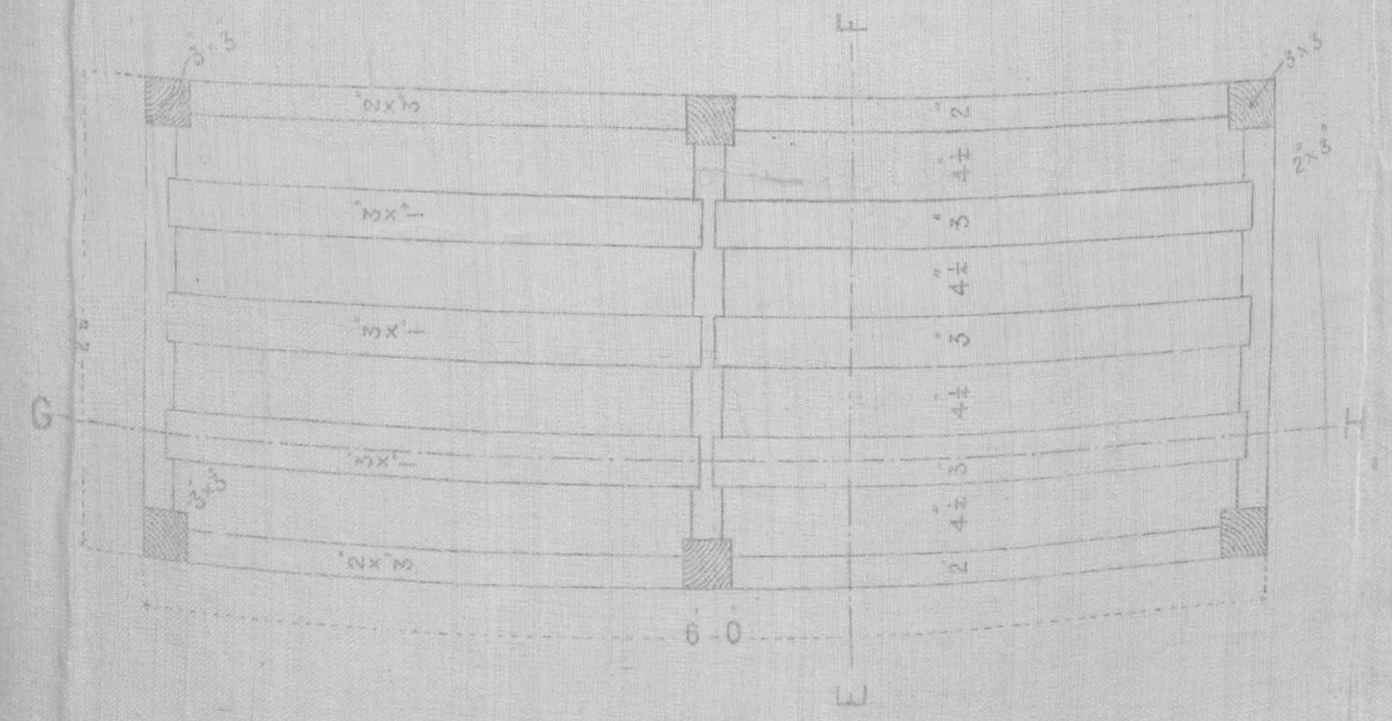


SECTION. G, H.



SECTION. E. F




F
3×3
2×3
G
H
E
6-0
2
4½
3

PLAN

O.V. Boddy Major, R.E.
Under Secretary to Govt. P.W.D.

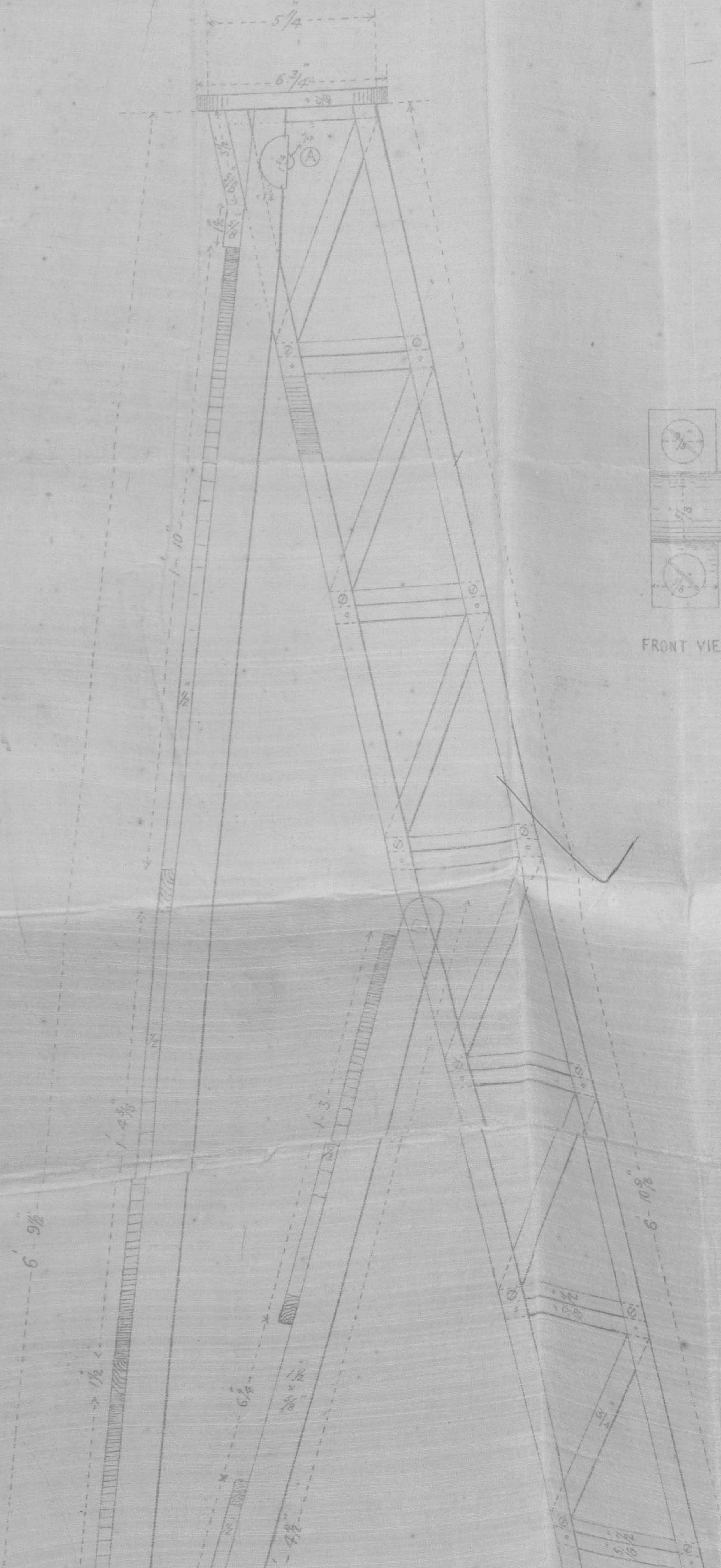
(Signed) Henry. Irwin C.I.E.
Consulting Architect to Govt.
4th July 1890.

~~Photo~~-Zinco S. C. Madras ~~1891~~

Reg No 2108. Sheet 2
Copies

G.O. No. 802 W. dated 19th March 1891

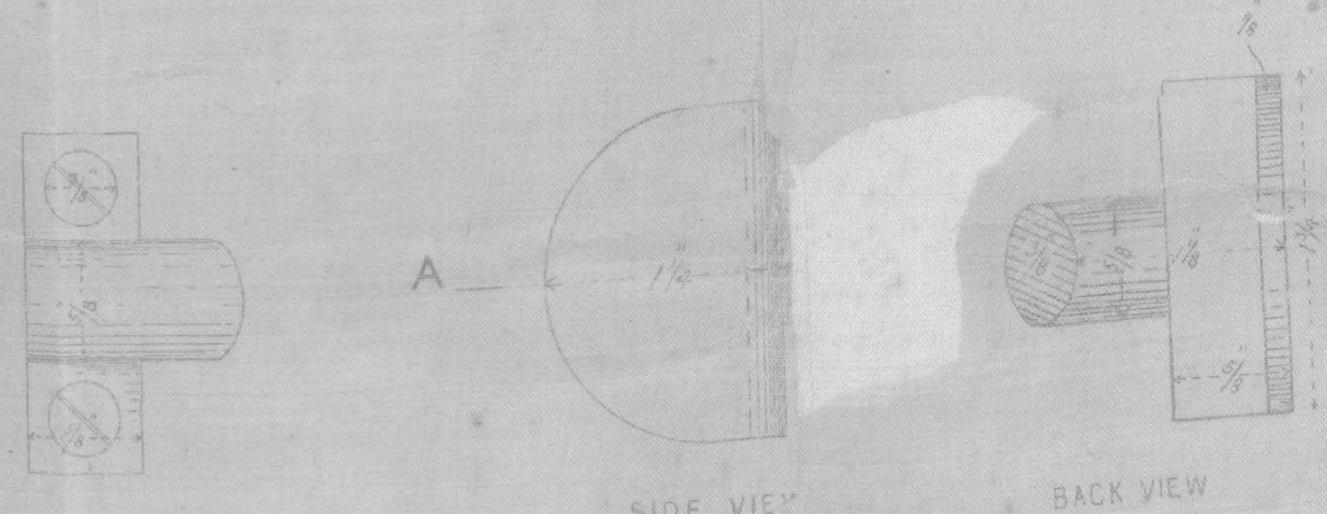
PORTABLE LADDER
FOR
RECORD RACKS
FOR
TALUQ CUTCHERRIES



5¼
6⅞
A
1-10
1-4⅞
6-9⅞
1-3
6-10⅞
6¼

DETAIL OF GUN METAL STOP AT (A)

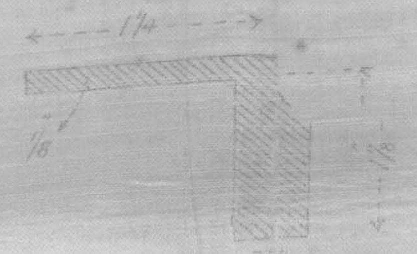
FULL SIZE



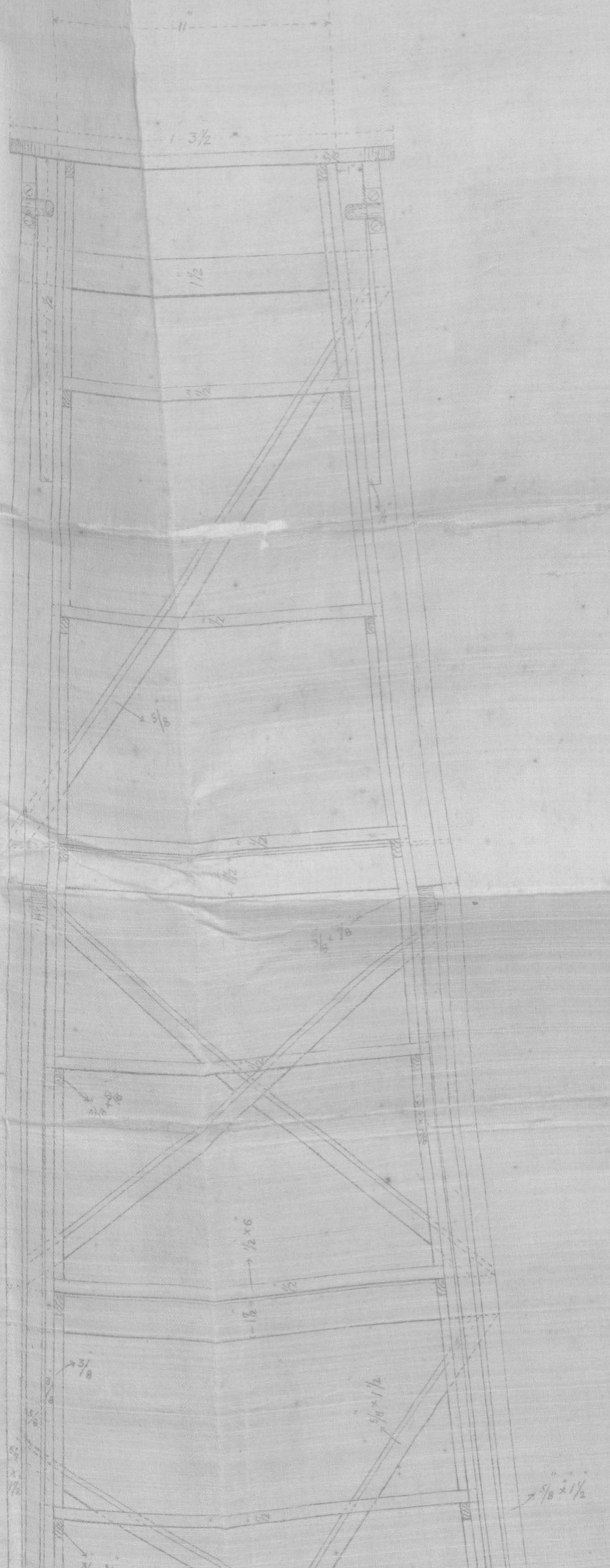
FRONT VIEW

SIDE VIEW

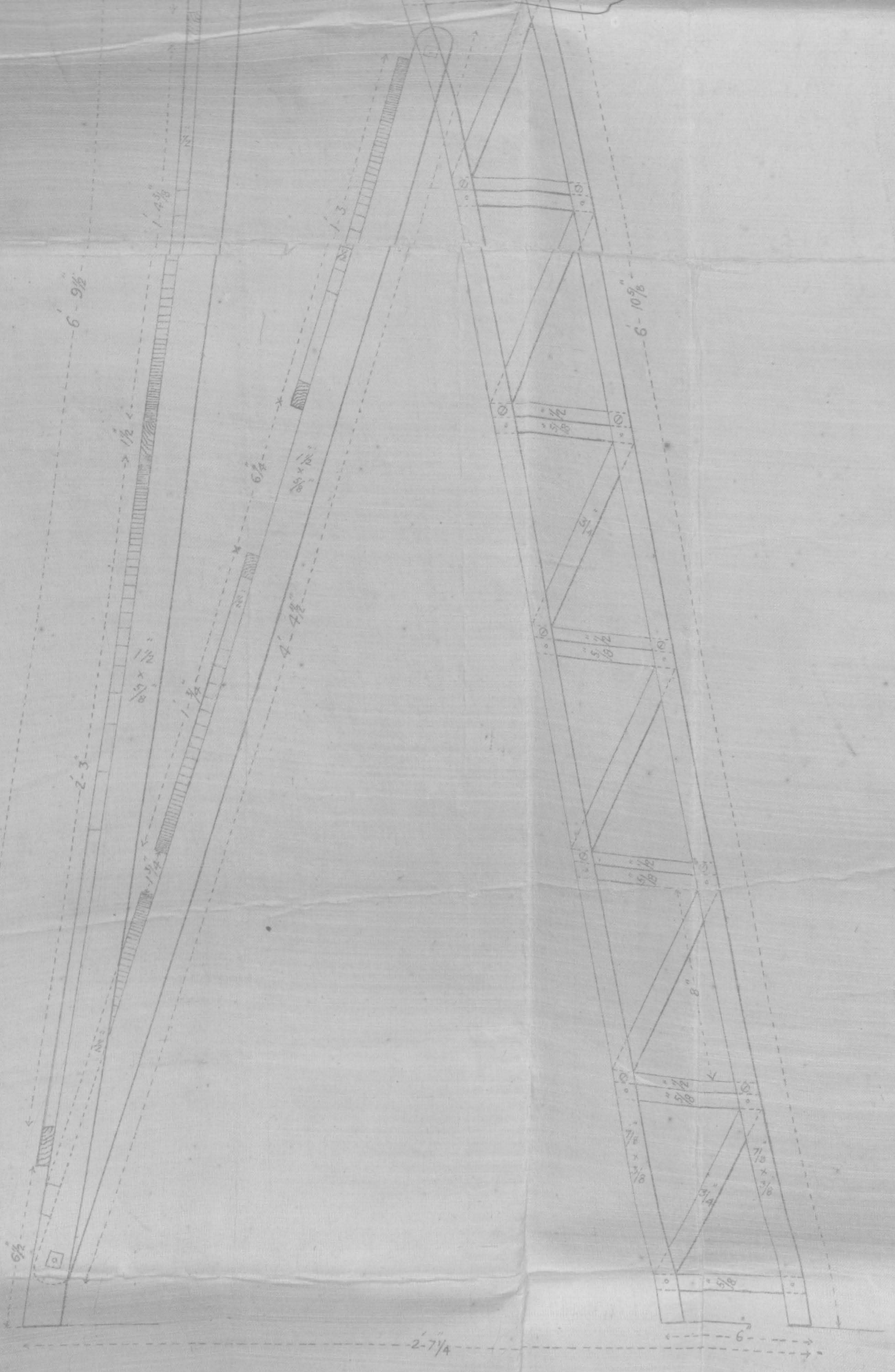
BACK VIEW



SECTION ON A B.

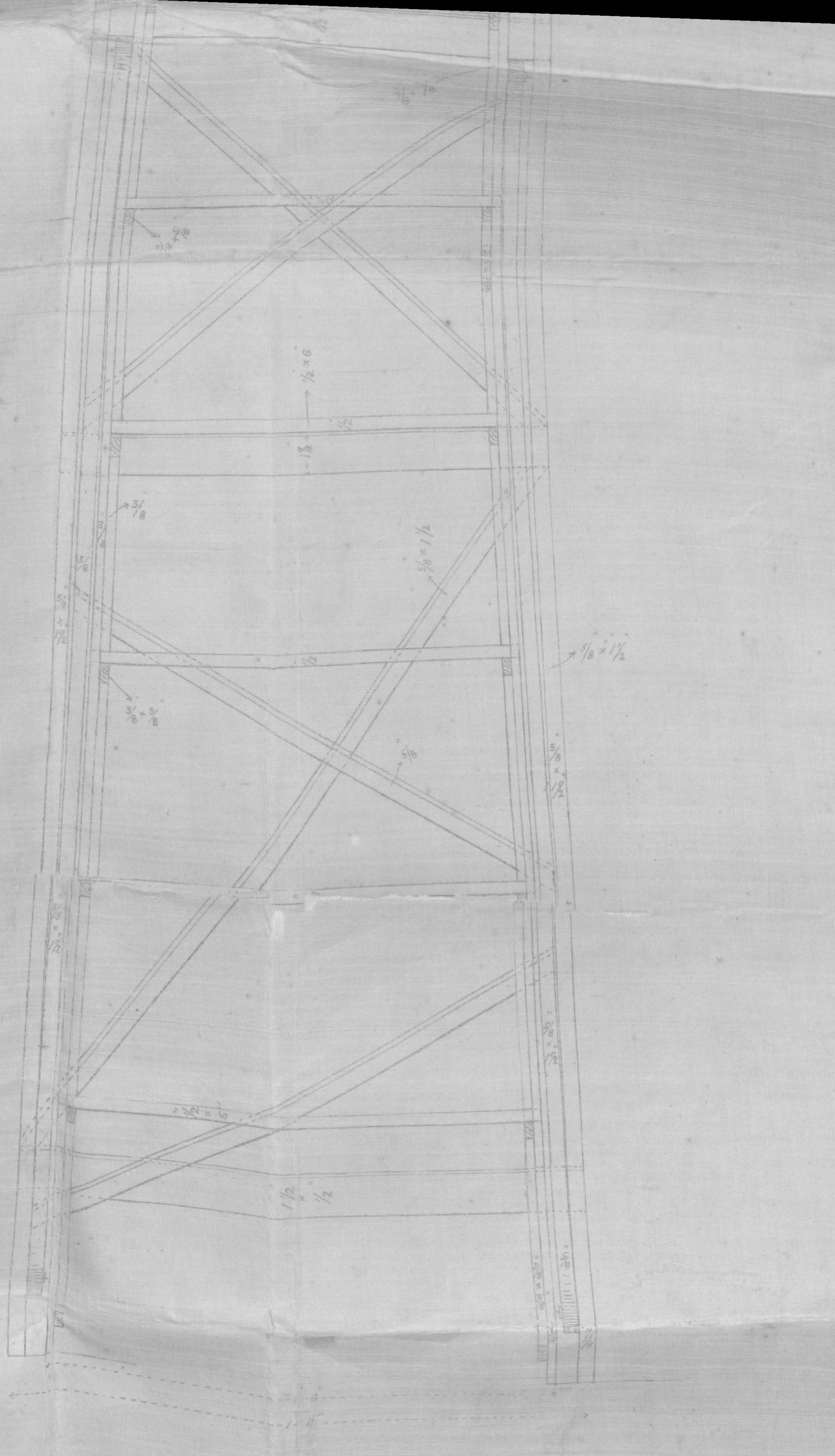


SECTION ON A B



6'-9⅛"
6'-10⅞"
1'-3"
6'-4"
4'-4⅞"
2'-3"
6½"
2'-7¼"
6"

SIDE ELEVATION



½ × 6
1⅛
⅝ × 1½
1½
½
1'-6"

FRONT ELEVATION

INCHES 12 11 10 9 8 7 6 5 4 3 2 1 0
1 FOOT

SCALE 3 INCHES TO 1 FOOT

Major R.E
Under Secretary to Govt P.W.D.

(Signed)
Henry ~~Irvine~~ IRWIN C.I.E
Consulting Architect to Government
4th March 1891

Reg: No. 165:—Copies 300—

216

Photo-Zinco. Survey Office Madras 1891. 1912

No. 802 W d/19th March 1891

Civil Works

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

802/29

READ the following

Consg. Architect to Govt. H.E. No. 1068 d/ 3. 7. 90
Chief Supg. Engr II Circle .. No. 2929 K.S. d/ 18. 2. 91.
Consg. Architect to Govt. .. No. 3504 d/26th - 2. 91
— do — do .. No. 3673 d/ 5 - 3. 91

5 P

The type plan of wooden record racks and step ladder for taluk offices, submitted by the Consulting Architect is approved, a copies of the plan, specification and estimate will be circulated to officers and departments concerned for information and guidance with reference to G.O. No. 2032W d/29 July 1889.

Sees 19 mar

...plan of record racks ... approved by the ... on 17 & 18 Feb 90, ... being lithographed. The ... has been delayed ... receipt of plan of ...

...an of ...p ladder issued 19/3/91

Engineers
... Architect to Govt
... Deptts:

& 8/4

...of Record racks
...racks 28/5/91

JOB 16.3.91

17/3

...to following

25/12.

Govt. of (18 | Madras.

PUBLIC WORKS.

13-3-11 ✓

21/3

Dated

Recd

Recd.

G.O., 19th March 1891, No. 802 W.

Wooden Record Racks.

The type plan of — & step ladder for Taluk Offices approved, & ordered to be circulated to offices & depts concerned.

30

250/12

Note

Copies of the plans are in C.E.'s office

CMR
20-4-12

Rec 20/3.

[illegible]

Hm/