Public Works (1898) Department.

Item 4

G.O., No. 2301 W

DATED 3rd September 98

4/9/98

[Despatch Abstract.]

Timber basin at Mangalore

Estimate of Rs 4080 for constructing a Gat —— in the S. Canara dt. sanctioned for execution when funds are available.

116/6

7/13

P. W. 36.
900—12-2-98.

Indexed 4/IV 5/9

BACK PAPERS.

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

FURTHER PAPERS.

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

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1898} of Madras.

PUBLIC WORKS.

Recd.	1898.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 2301 W., 3rd September 1898.

SEPTEMBER.

Timber Basin at Mangalore

Estimate of Rs. 4,080 for constructing a Government — in the South Canara district, sanctioned for execution when funds are available.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

Office-note from the Revenue Department, No. 28, dated 10th April 1897.

G.O., Mis. No. 2710, Revenue, dated 28th May 1897.

Read—again the following papers :—

G.O., Mis. No. 5153, Revenue, dated 20th December 1895.

Read—again G.O., Mis. No. 353, Revenue, dated 20th January 1897.

Proceedings of the Board of Revenue (Land Revenue), Forest Mis. No. 23, dated 11th January 1897.

Read—the following paper :—

From E. D. M. HOOPER, Esq., Acting Conservator of Forests, Southern Circle, dated 5th January 1897, Ref. on Cur. No. 1889.

Resolution—Forest Mis. No. 23, dated 11th January 1897.

Submitted to Government, with reference to its memorandum, in the Public Works Department, dated 25th November 1896, No. 4400 C., communicated in G.O., R. No. 2291, Revenue, dated 2nd December 1896. It is observed that the Collector considers that the pencil alterations in the estimate are the calculations which have received the approval of the Superintending Engineer.

2. The estimate was originally called for in G.O., No. 66 W., dated 9th January 1896, communicated in G.O., Mis. No. 153, Revenue, dated 15th January 1896. The Government wished to ascertain the exact cost of the reclamation in order that the work might be commenced without delay when found necessary. But the Conservator reports that it is now proposed merely to enclose a space of water for a timber dock and that it will be convenient to undertake the work at once.

3. With reference to the Conservator's remark in paragraph 4 of his letter as to the department to which the cost of the work should be charged, it is observed that, under the Government of India Resolution, dated 17th May 1884, No 1040, disposed of in G.O., No. 2946, Revenue, dated 11th July 1884, the expenditure will have to be met from the Public Works budget as the work is proposed for execution by the agency of that department.

(True Extract.)

(Signed) L. D. SWAMIKANNU,
for Secretary.

Y.

Mis. No. 353, Revenue.

Transferred to the Public Works Department.

Fort St. George, (Signed) LIONEL DAVIDSON,
20th January 1897. Under Secy. to Govt.

Read—also endorsement of the Public Works Department, No. 1389 C., dated 11th March 1897.

Abstract.—Forwarding to the Revenue Department for orders on the Chief Engineer's note, dated 4th March 1897, regarding the construction of a timber basin at Mangalore, South Canara district.

Read—also office-note from the Public Works Department, No. 2160 C., dated 14th March 1897.

Abstract.—Returning, with the remark, the file of papers regarding Mangalore Timber Depot forwarded by the Revenue Department.

Order—Mis. No. 2710, Revenue, dated 28th May 1897.

In the first of the papers read above the Government agreed with the Board that, while the immediate necessity for a timber depot at Mangalore was not established yet, an estimate for reclaiming a portion of the foreshore for that purpose should be prepared in order that the work might be undertaken as soon as the increasing trade required it and funds permitted.

2. From the Conservator's endorsement, Ref. on Cur. No. 1889 of 1896–97, dated 5th January 1897, forwarding an estimate for a timber basin at Mangalore it would appear that the Government was understood as having vetoed the proposal for a timber depot.

3. Both the Conservator and the Collector are however agreed that a timber basin is required for the proper conduct of business at Mangalore. The Government therefore accepts the estimate for a timber basin, and the Public Works Department will be requested to scrutinise the estimate submitted.

4. The Collector of South Canara will be requested to report upon the question of a site for the timber depot, which will, apparently, be also eventually required.

(True Extract.)

(Signed) A. R. KNAPP,
for Ag. Secy. to Govt.

From A. H. GARRETT, Esq., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 21st May 1898, No. 274/W.

I have the honour to resubmit the estimate for constructing a Government timber basin at Mangalore, which has been revised in accordance with the instructions contained in your memo. No. 2991 C. of 29th June 1897.

2. This basin does not in any way interfere with the wall proposed to be built by Mr. Brown, the Port officer.

3. The depth of the foundation of the basin wall is only three feet, but the Executive Engineer reports that no danger from scour is to be apprehended.

From A. H. GARRETT, Esq., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Camp, Vellore, 19th July 1898, No. 383/W.

With reference to your endorsement No. 2879 C., dated 15th June 1898, herewith returned with its enclosures, I have the honour to inform you that the plan and estimate have been countersigned by the Collector of South Canara who, I am informed by the Conservator of Forests, Southern Circle, is the proper officer to countersign the estimate.

From A. H. GARRETT, Esq., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Camp, Yercaud, 14th August 1898, No. 442/W.

With reference to your memo. No. 3505 C., dated 9th August 1898, I have the honour to return herewith the original plan and estimate, amounting to Rs. 4,080, for constructing a Government timber basin at Mangalore, received with your memo. Nos. 2991 C. and 3155 C., dated, respectively, 29th June and 12th July 1897.

Order—No. 2301 W., dated 3rd September 1898.

The estimate, amounting to Rs. 4,080, for constructing a Government timber basin at Mangalore in the South Canara district is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 59 W. of 1898–99, and classified as "Civil Buildings, Original Works."

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, IV Circle,
with four enclosures.
,, Examiner, Public Works Accounts.
,, Revenue Department.

Exd. P. Seetharam.

Estimate for a Govt timber basin at Mangalore

P. W. Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Quote.

Print.

Print

Read the following.

From the Revenue Dept, No 353 Mis. d/ 20th January 1897
Office Note from the Revenue Dept, No 28 d/ 10th April 1897
From the Revenue Dept, No 2710 d/ 28th May 1897.
From the S.E. IV Circle No 274/W d/ 21st May 1898.
" No 383/W d/ 19th July 1898.
" No 442/W d/ 14th August 1898.

GP

No. 2301 W d/ 3.9.98

The estimate amounting to Rs 4,080 for constructing a Govt timber basin at Mangalore in the South Canara Dt. is sanctioned for execution when funds are available.

2 This sanction has been registered as Provincial No 59 W of ~~1897-98~~ 1898-99 and classified as "Civil Buildings, Original Works".

A.P.R.
22. 8. 98.

A.J.H.
31.8.98

Note for Press: Please send proof.

5/9/98

Un Secy to Govt Rev Dept for favour of counter initials.

T/B

To

The S.E. IV circle with 4 encls
" Exar. P.W. Accts
" Revenue Dept

D 2/9/98

Quite well - Sanction the original estimate

~~SAW~~

2

Government timber basin at Mangalore, Est. Rs 7,400.

Returned this estimate for consideration by the Forest Dept to see what they would say to the proposal for spending such a sum on a new basin for timber boats.

2. The original estimate, providing for merely a dry stone wall, will do perfectly well, & there is no necessity at all for building the heavy retaining wall proposed by Mr Dutton. There is no pressure at all on the wall, the rise of tidal water on both sides being, owing to the open entrance, the same. If the top of the wall is built only 6" above High Spring tide level, there will be no fear of a dry stone

wall being breached by a cyclone, as waves would simply run up & wash over it, & in such shallow water, so far inland, nothing but an insignificant wash could be generated. An earthen bank, pitched with rough stone, would probably stand quite well.

3. The original estimate for the dry stone, steps being Rs. 1 & 6 as, can be sanctioned

AK
1.8.98.

Yes - It is 2' 3" above H.T.L., & may be kept at this

3.8.98

088
307

Public Works (1898) Department.

CURRENT No. 6890

Order

From The Supg. Engineer 4th Circle

No. 462/W

Dated 14th August 1898.

Received
Registered } 18 - do - 98

Enclosures 4.5 (1 plan)

Spare copies –

SUBJECT.

Government Timber Basin at Mangalore –

Returns as requested the original plan & estc. amtg. to Rs. 4080 for constructing a

BACK PAPERS.

No.	Date.
35050C	9-8-98
2879C	15-6-98
3155C	12-7-97
2991C	29-6-97
612D	25-6-97
2160C	14-4-97
1389C	11-3-97
696C	4-2-97
3412W	30-11-96
4400C	25-11-96
3481C	30-9-96
1965W	3-7-96
479D	19-6-96
2387C	1-6-96 & file

FURTHER PAPERS.

No.	Date.

Revenue DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ again G.O. ~~the following~~

No. 5153 Mis dated 20 December 1895.

Read again G.O. No. 353 Mis d/ 20 January 1897, transferring to the Public Works Department, Proceedings of the Board of Revenue (Land Revenue) dated 11 Jany 1897, Forest No. 23 Mis.

Read also Endorsement of the Public Works Department, dated 11 March 1897, No. 1389C forwarding to the Revenue Department for orders on the Chief Engineer's note, d/ 4 March 1897, regarding the construction of a timber basin at Mangalore, South Canara District.

Read also office note from the P. W. Department dated 14 March 1897 No. 2160C, returning with the remark the file of papers, regarding Mangalore Timber Depôt, forwarded by the Revenue Department.

Order thereon, No. 2710 Mis d/ 28 May 1897.

In the first of the papers read above the Government agreed with the Board that

P. W. 40.
1,000—16-1-97.

1/829W
1-7-98

while the immediate necessity for a timber depôt at Mangalore was not established yet, an estimate for reclaiming a portion of the foreshore for that purpose should be prepared in order that the work might be undertaken as soon as the increasing trade required it and funds permitted.

EXECUTIVE ENGINEER'S OFFICE
No. 4/327W
18 JUL 97
P.W.D.
WEST COAST DIVISION.

WEST COAST DIVISION,
No. 2/675
25 JUL 97
P.W.D.
SOUTH CANARA; SUB-DIVISION.

EXECUTIVE ENGINEER'S OFFICE
No. 4/2215-S
27 SEP 1897
P.W.D.
WEST COAST DIVISION.

4/777WC
11-12-97) IVO

2. From the Conservator's Endorsement Ref. on current No. 1889 of 1896-97 dated 5 Jany 1897 forwarding an estimate for a timber basin at Mangalore it would appear that the Government was understood as having vetoed the proposal for a timber depôt.

3. Both the Conservator and the Collector are however agreed that a timber basin is required for the proper conduct of business at Mangalore. The Government therefore accepts the estimate for a timber basin and the P.W. Department will be requested to scrutinise the estimate submitted.

4. The Collector of South Canara will be requested to report upon the question of a site for the timber depôt which will apparently ~~by~~ be also eventually required.

(True extract)
(Sd) A. R. Knapp.
for Ag: Secy: to Govt.

"Enclo: No 3 to letter No 4442
W.

P.W.&I.
6840/98

No 4442
W

Superintending Engineer's
Office: IV Circle:
Camp Yercaud ~~Coimbatore~~: 14th August, 1898.

From
A. H. Garrett Esq:
Superintending Engineer:
IV Circle:

To
The Chief Engineer:
P.W.D.

Enclosures 5
1 Estimate
1 Report
1 Tracing
1 Copy of G.O
1 Data sheet
(sent with revised estimate)

Sir,

With reference to your Memorandum No 3505 C dated 9th August 1898, I have the honor to return herewith the original plan and estimate amounting to Rupees 4080 for constructing a Government Timber Basin at Mangalore, received with your Memorandums Nos 2991C and

And 3155 C dated respectively 29th June and 12th July 1897.

I have the honour to be,
Sir,
Your most obedient servant,

Superintending Engineer

AP 12/8/98

No. 3505 C.

Government of Madras,
Public Works DEPARTMENT.

MEMORANDUM.

Dated Madras, 9 — 8 — 1898.

From the Suptg: Engineer, IV Circle, No. 274/W dated 21st May 1898
——— Do ——— No. 383/W dated 19th July 1898.

The undersigned has the honour to observe that the original estimate of Rs 4,080 for a dry stone wall will do perfectly well and that there is no necessity for building a heavy retaining wall. The Suptg: Engineer is, therefore, requested to be so good as to resubmit at once the original estimate and plan returned with Memos: No. 2991C and 3155C dated 29th June and 12th July 1897 in view to the sanction of Govt being obtained thereto.

I B PRs

W/Dw

APK 8-8-98

5-8-98
E.W.

To
The S. E. IV Circle. Dd 10/8/98 Mis

INDEXED.

11/8/98

P. W. 41.
1,000—28-2-98.

Public Works (1898) Department.

CURRENT No. 6194

From The Supg. Engineer 4th Circle

Order

No. 383/W.

Dated 19th July 1898.

Received } 23.7.98

Registered }

Enclosures 7. 8 (1 Plan)

Spare copies —

SUBJECT.

Government Timber Basin at Mangalore.

Returns plan & estimate amtg. to Rs. 7,400 duly counter-signed by the Collector of South Canara.

0.25264.

BAC

N

28

3

6062
JUN. 98
FOURTH CIRCLE.

6071
18 JUL. 98
FOURTH CIRCLE.

"Enclo: No 2 to letter No $\frac{383}{W}$"

"Enclo: No 1 to letter No $\frac{274}{W}$"

~~Enclo~~

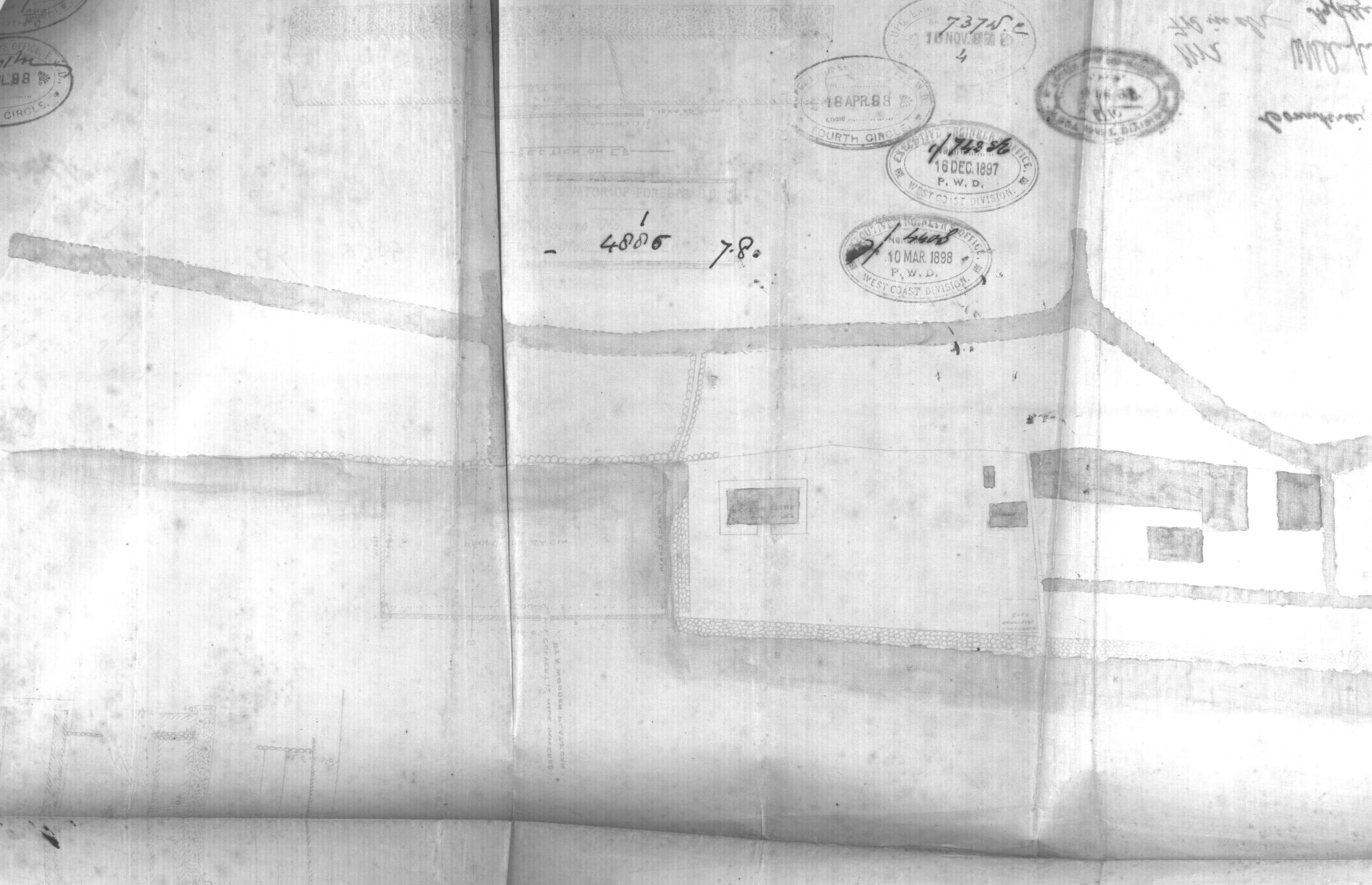
737 N.C.
16 NOV. 97
4

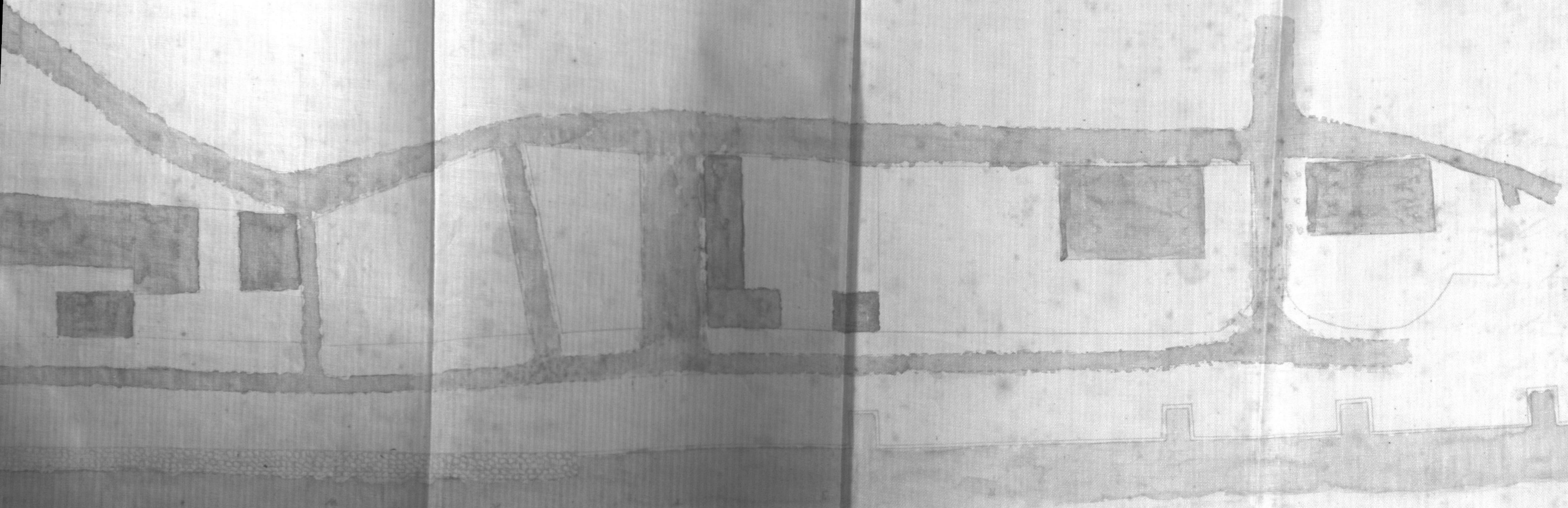
18 APR. 98
FOURTH CIRCLE.

EXECUTIVE ENGINEER'S OFFICE,
1/742
16 DEC. 1897
P. W. D.
WEST COAST DIVISION.

EXECUTIVE ENGINEER'S OFFICE,
2/4408
10 MAR. 1898
P. W. D.
WEST COAST DIVISION.

$\frac{1}{4886}$ 7.8.





ngineer's office 4th Circle
Vellore 19th July 1898

tt Esq
rintending Engineer
4th Circle

ngineer
P.W. Department.

your Endorsement
th June 1898, here-
its enclosures, I
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have been counter-
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by the Conservator
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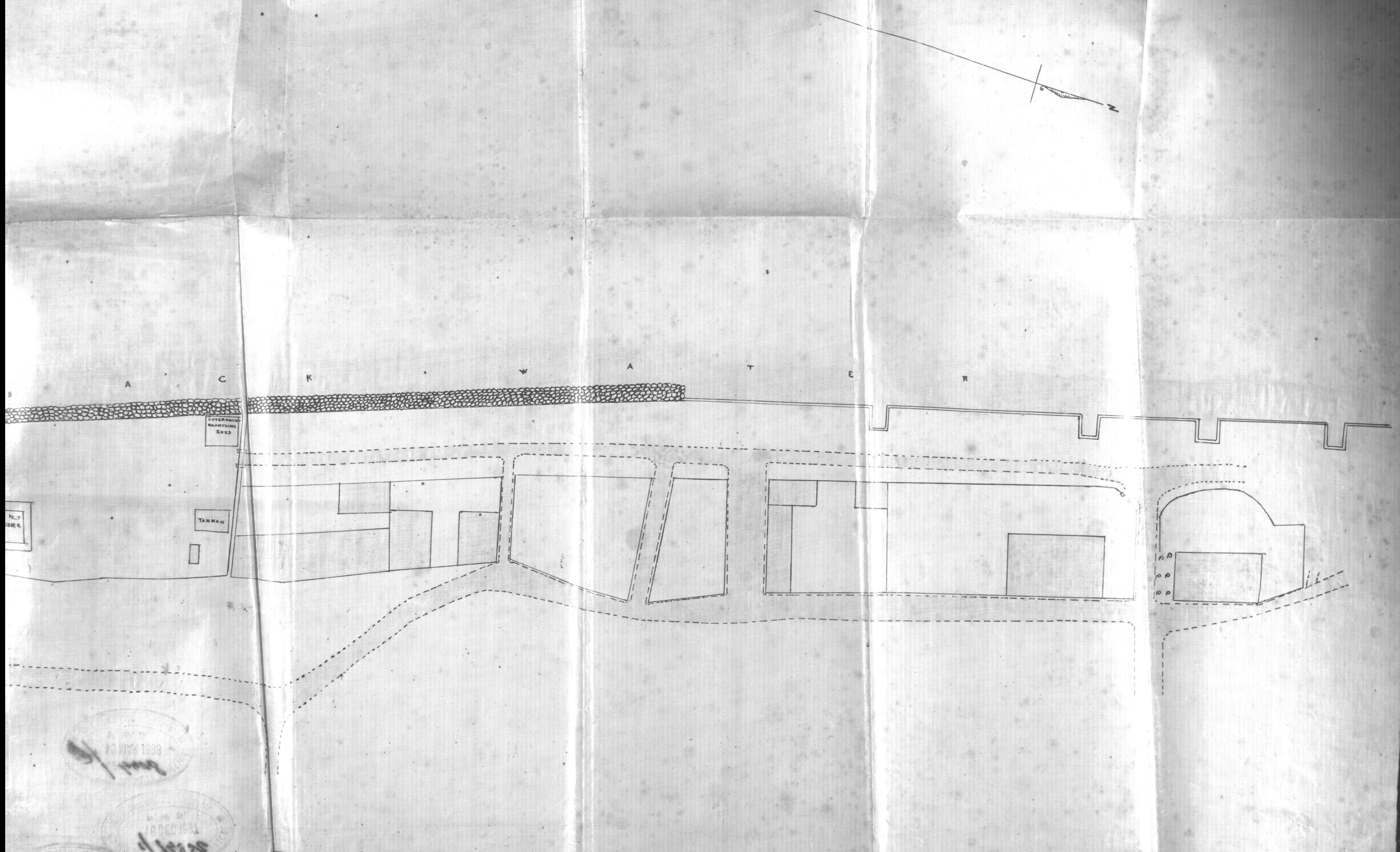
4th Circle



WEST COAST DIVISION
No. 6/10
15 JAN 98
P.W.D.

Countersigned

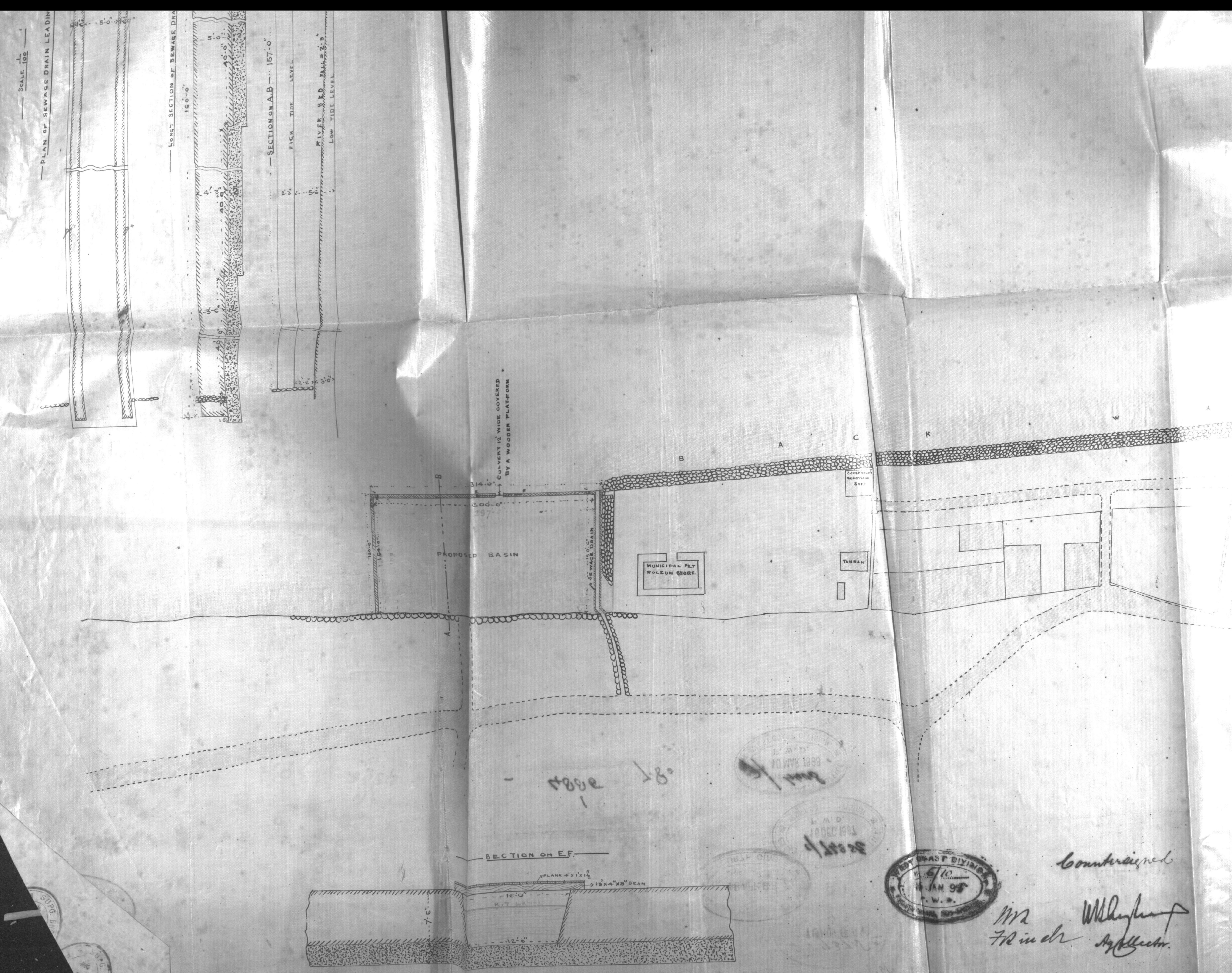
Mr Finch

Ag Collector

Supg: Engineer
4th Circle

EXECUTIVE ENGINEER

12/11/97



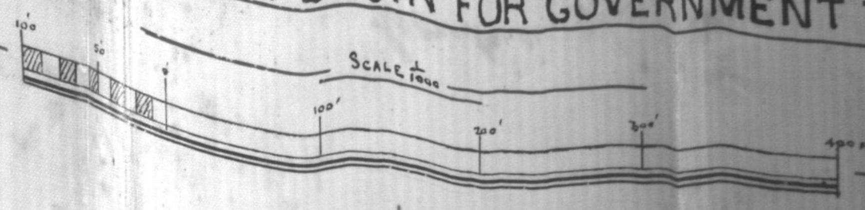
WEST COAST DIVISION
No. 6/10
16 JAN 98
P.W.D.

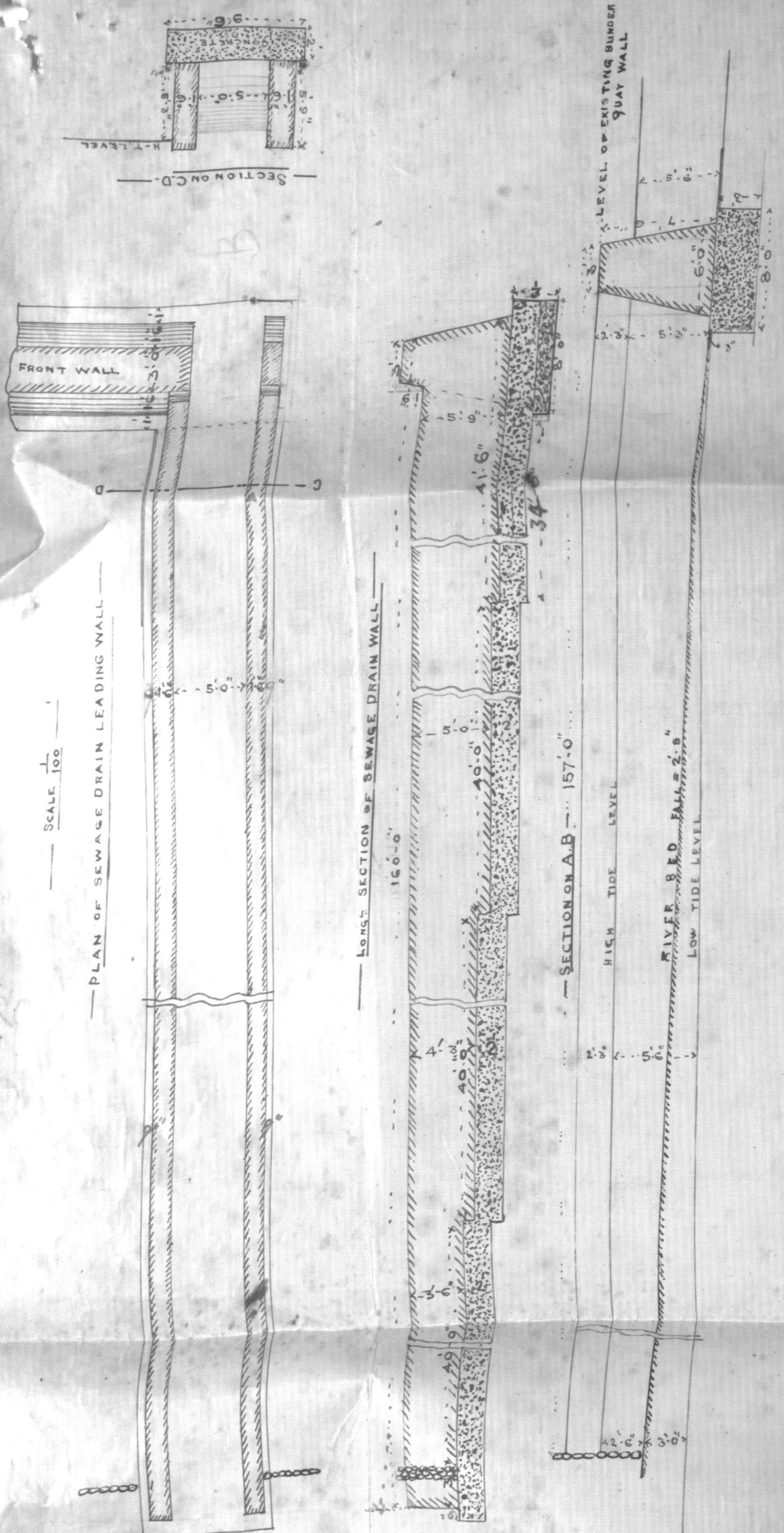
Countersigned

MR Finch

W. Langhorne
Ag. Collector.

SURVEY OF BUNDER AT MANGALORE
SHEWING PROPOSED BASIN FOR GOVERNMENT TIMBER

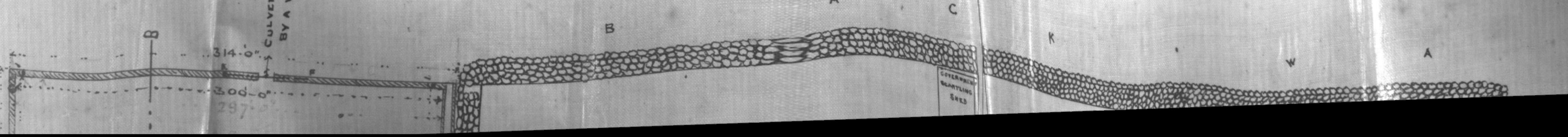




NOTE:-

Soil = Sand 3 ft deep

Sub-soils = Not known


B
Culvert 12' wide covered by a wooden platform
314'0"
300'0"
297'
B
A
C
Government Scantling Shed
K
W
A

BACK PAPERS.

No.	Date.
2879C	15-6-98
3155C	12-7-97
2991C	29-6-97
696C	4-2-97
3412W	30-11-96
4400C	25-11-96
3481C	30-9-96
1965W	3-7-96
4799D	19-6-96
2387C	1-6-96
1634W	1-6-96
397W	31-1-96
66W	9-1-96
3757C	29-11-95
2394/A W	30-9-95
1585W	27-6-95
1110W	10-5-95
336W	9-2-95
2558W	13-10-94
1968W	10-8-94
1032W	21-4-94

FURTHER PAPERS.

No.	Date.

31

No. 383/W.

Supg: Engineer's office 4th Circle
Camp Vellore 19th July 1898

From

A. H. Garrett Esq
Superintending Engineer
4th Circle

To,

The Chief Engineer
P. W. Department.

Enclosures 7
1 Chief Engineer's Endt. No. 2879C d/ 15-6-98 with 5 Enclosures.
1 Collector's letter.

Sir

With reference to your Endorsement No. 2879C dated 15th June 1898, herewith returned with its enclosures, I have the honor to inform you that the plan and estimate have been countersigned by the Collector of South Canara who I am informed by the Conservator of Forests Southern Circle is the proper Officer to countersign the estimate.

I have the honor to be
Sir
Your most Obedt Servant
G Russell
Supg Engineer
4th Circle

Cn 6124

DW

I wonder whether sanction to the estimate may now be accorded. for submission to Govt.

Please see Technical note flagged J.

Ch
29-7-28

Public Works (1898) Department.

SUPG. ENGINEER P.W.D.
No. 662 W
17 JUN. 98
FOURTH CIRCLE.

CURRENT No. ~~4502~~ 6194/98

"Enclo: No. 7 to letter No. 383/W"

✓

~~Order~~ ~~Endt.~~ No. 2879 C.D. 15/6/98

Returned with the request that the countersignature of the Conservator of Forests to the plan & estimate may be obtained.

A. C. Russell.
Dy. Chief Engr.

Cr.

T/B

To the Supg. Engr.
IV Circle —

Send to ~~II~~ C. 7

W
17/6

From The Supg. Engineer, 4th Circle.

No. 274/W

Dated 21st May 1898

Received
Registered } 25-5-98

Enclosures ~~4.~~ 5 (1 plan)

Spare copies ✓

SUBJECT.

Government Timber Basin at Mangalore.

Resubmits duly revised plan & estimate amtg. to Rs 7,000 for constructing d—

BACK PAPERS.		FURTHER PAPERS.	
No.	Date.	No.	Date.

S. G. ENGINEER'S OFFICE P.W.D.
No. 6620
17 JUN. 98
Encl 2
FOURTH CIRCLE

Report to accompany the Estimate for Constructing a Government Timber basin at Mangalore.

7400.
Amount of estimate Rs 7600.

The Estimate has been called for in G.O. No. 66 W of 9th January 1896 & is prepared in consultation with the District Forest Officer.

Ever since its reorganisation the Forest Department of this District has been in want of a suitable place on the Coast where it could store & dispose of timber to advantage.

The small accommodation now available does not admit of systematic seasoning of wood, classification into different sorts & sawing up into scantlings, all of which means necessarily a large space to be properly enclosed, with suitable arrangements for fl & hauling up the logs as they are recei & sawing & storing them in sheds, otherwise the old logs which should be sold first cannot be got at but remain at the bottom of the pile.

Experiments made by the District Forest Offi are encouraging, & if the business is don on an organised system there is no doubt t profit may be obtained.

The operations of the Forest Department a seriously hampered & the construction of the proposed basin does not interfere with the improvements of the Harbour as per scheme originally proposed by Mr. Walch.

Fur

"Encl: No 4 to letter No 383/W"

"Enclo: No 4 to letter No 274/W"

From the accompanying site plan it will be seen that what is proposed to be done is to enclose a space 300 × 160 by a wall of rough stone in Chunam built in line with the present quay wall, having an opening 12 ft. in it & a sewage drain to pass off the drainage from the land behind the basin.

A part of the foreshore included in the above space is now used by the Malabar Merchants for storing their private timber in the bed of the river & for sawing pits in connection therewith, but they can conveniently make arrangements for storing & sawing their timber to the south of the place selected for the proposed basin for which there is ample accomodation.

C. W. Wood
Executive Engineer W. C. D.

Supg. Engineer's Office, P.W.D. No. 7375 C 16 NOV. 97 2 Fourth Circle
Executive Engineer's Office 2/No. 7435 C 16 DEC. 1897 P.W.D. West Coast Division.
West Coast Division No. 4/10 15 JAN. 98 P.W.D.
Executive Engineer's Office 4/No. 4405 10 MAR. 1898 P.W.D. West Coast Division.
Supg. Engineer's Office, P.W.D. No. 18 APR. 98 Fourth Circle.
Supg. Engineer's Office, P.W.D. No. 18 JUL. 98 Fourth Circle.
West Coast Division No. 15 JAN. 98 P.W.D.
Conservator of Forests, S.C. Enclosure No. 2 to No. 4885 of 1897-8

O.W.S. 2/4 4509 837 6519

Data to accompany the estimate for constructing a Government Timber Basin at Mangalore.

Supg. Engineer's Office No. 17 JUN. 98 Fourth Circle.

Quantity	Detail of work	Miles carted	Rate	Per	Amount	Total
	Rough stones in Surki mortar.					
100	Cft Rough stones in ordinary mortar as per Schedule				9 " "	
11	Cft Soorkee		59 " "	100 Cft	6 7 10	
100	Cft stones carted from Adyar	6	4 0 0	100. Cft	4 0 0	
11	Cft sand carted from Buckapalam	2	2 9 0	100. Cft	0 4 6	
11	Cft Soorkee — do — Jeppoo	1½	2 1 0	100. Cft	0 3 8	
16	Cft Lime . do Ullal	½	0 10 6	do	0 0 7	
	Add 16 Cft of lime diff in value		6 0 0	100. Cft	0 15 4	
	Total for 100 Cft				20 15 11 or say	21 0 0
	Concrete in Surkee mortar.					
100.	Cft Concrete as per Schedule				10 " "	
112	Cft jelly carted from Podore	3½	4 1 0	100. Cft	4 8 10	
17	" Lime carted from Ullal	½	0 10 6	do	0 1 9	
17	" Soorkee carted from Jeppoo	1½	2 1 0	do	0 5 7	
17	" Sand carted	2	2 9 0	do	0 6 11	
17	" Difference in value lime		6 0 0	do	1 0 4	
17	Cft Soorkee difference in value		49 0 0	do	8 5 3	
					24 12 8	
	Deduct					
112	Cft jelly. Difference in value		2 8 0	do	2 12 9	
17	Cft Lime difference in carting	½	0 5 3	do	0 0 10	
					2 13 7	
	Total for 100. Cft.				21 15 1	or say 22 0 0

Note. - Surke is not generally used in this district. It is prepared by the Basel Mission & sold at R 1. per murah i.e 1.7. Cft.

C. W. Wood
Executive Engineer.

SUPG. ENGINEER'S OFFICE, P.W.D.
No.
18 APR. 98
Enclo.
FOURTH CIRCLE.

CONSERVATOR OF FORESTS, S.C.
Enclosure No. 3
to G.O. No. 4885 of 1897-8

SUPG. ENGINEER'S OFFICE, P.W.D.
No. 201 Do.
18 JUL. 98
Enclo.
FOURTH CIRCLE.

"Enclo: No 3 to letter No 274/W"

"Enclo: No 2 to letter No 383/W"

SUPG. ENGINEER'S OFFICE, P.W.D.
No. 662 W
17 JUN. 98

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
Constructing a Government Timber Basin at Mangalore.						
Excavating foundations.						
Front wall	1	316	8	3	7584	
End wall	1	153	8	3	3672	
Sewage drain	1	158¼	9½	2	3007	
Total excavation of foundation. Cft					14263	14300.
Concrete in Surki mortar.						
As per excavation above cft						14300.
Rough stone in Surki mortar						
Front wall	1	313¼	4½	7½	10572	
End wall	1	154¾	4½	7½	5223	
Sewage drain	2	36⅙	1½	5¾	625	
— do —	2	40	1½	5	600	
— do —	2	40	1½	4¼	510	
— do —	2	43	1½	3½	452	
Total					17982	
Deduct open culvert	1	14	4½	7½	473	
" end of sewage drain	1	5	4½	7½	169	
Total deductions.					642	
Total rough stone in Soorki mortar less deductions cft						17340
Platform over culverts and Sewage drain Karimarada wood wrought & put up complete.						
Joists over culverts	3	19	⅓	¾	14.25	
Planking	19	4	1	⅛	9.50	
over Sewage drain joists	3	7	⅓	½	3.50	
Carried over					27.25	

"Enclo: No 6 to letter No 383"

E. 120.
50,000—6-6-96.

SUPG. ENGINEER'S OFFICE P.W.D.
No ......
18 APR. 98
ENCLO ......
FOURTH CIRCLE.

ESTIMATE FORM.—Detail Measurements.

SUPG. ENGINEER'S OFFICE P.W.D.
601 M
18 JUL. 98
ENCLO
FOURTH CIRCLE.

Detail of Work.	Number.	Measurements in Feet. Length.	Measurements in Feet. Breadth.	Measurements in Feet. Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward.					27.25	
Planks	7	4	1	$\frac{1}{8}$	3.50	
Total Karimardu wood work wrought & put up complete C. ft						30.75.

Executive Engineer.

SUPG. ENGINEER'S OFFICE P.W.D.
No 602
17 JUN. 98
ENCLO
FOURTH CIRCLE.

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	TOTAL.
1	2	3	4	5	6
		RS.		RS.	RS.
14300.	C ft Excavation for foundations sand	3-60	1000 c ft	48	
14300.	" Concrete in Surki mortar Schedule no 56	22-00	100. c ft	3146	
17340	" Rough stone in Surki mortar	21-00	do	3641	
30.75	" Karimardu wood wrought and put up complete Schedule no 169.	2-00	c ft	62	
				6897	
	Contingencies	5-00	cent	340	
	Petty Supervision	2-80	"	163	
	Total				7400

Admitted.
Supg: Engineer
4th Circle.

Grand Total of Estimate .. 7400

STATION Calicut
Date 15th April 1898.

C. W. Wood
Executive Engineer

Countersigned.

to letter No 383/W "

CONSERVATOR OF FORESTS, S.C.
Enclosure No. 4
to G.R. No. 4885 of 189 7-8

SUPG. ENGINEER'S OFFICE, P.W.D.
No 601 M
18 JUL. 98
ENCLO.
FOURTH CIRCLE

522

SUPG. ENGINEER'S OFFICE, P.W.D.
No
18 APR. 98
ENCLO
FOURTH CIRCLE

(E. No. 123.)

50,000—6-1-98.

" Enclo: No 2 to letter No 274/W 8

Circle— Fourth

Division— West Coast

District— South Canara

Taluk (or Estate in case of Estate Works.)
Mangalore

ESTIMATE FORM.—Abstract.

Financial Head— Provincial ✓

Budget Head— Civil Buildings

Departmental Head— Original works

Main Head— Forest

Sub-Head—

Project of which the work forms part—

Section—

Name of Work— Constructing a Government Timber Basin at Mangalore ✓

Amount of Estimate, Rs.—7400. ✓

To be carried out by— P.W.D ✓

REFERENCES.

6055 7
~~4500~~
6154 28

No 274/W 2 8

Supg: Engineer's office 4th Circle
Coimbatore 21st May 1898.

SUPG. ENGINEER'S OFFICE, P.W.D.
No
17 JUN. 98
ENCLO
FOURTH CIRCLE

From
A. H. Garrett Esq
Supg: Engineer
4th Circle.

To,
The Chief Engineer
P.W. Department.

Sir,

Enclos: 4.
1 Plan
1 Estimate
1 Data sheet
1 Report.
4.

I have the honor to resubmit the estimate for, constructing a Government Timber Basin, at Mangalore, which has been revised, in accordance with the instructions, contained in your Memo No 2991C of 29th June 1897

2 This Basin does not in any way interfere, with the wall proposed to be built by Mr Brown the Port officer.

3. The depth of the foundation of the Basin wall is only 3' ft but the Executive Engineer reports that no danger from Scour is to be apprehended.

I have the honor to be
Sir
Your most Obedient Servt

Supg Engineer 4th Circle

AP 16/5/98

F710 Revd/28-5-97.

30/6/97

Public Works (1897) Department.

2301 W

CURRENT No. 5454

From The Revenue Department

Order

No. 2710

Dated 28th May 1897

Received 3. 6. 97

Registered — "

Enclosures 5

Spare copies

SUBJECT.

Passing orders on the question of opening a timber depot and the reclamation of a portion of the foreshore at Mangalore.

O.L.S 199.

R 29/6

2710 Rev of 28-5-97. Please remarks. 30/6/97 15/6/97

BACK PAPERS.

No.	Date.
2160C	14-4-97
1389C	11-3-97
3412W	30-11-96
479D	19-6-96
1965W	3-7-96
2387C	1-6-96
1634W	1-6-96
1585W	27-6-95
336W	9-2-95
1032W	21-4-92
1110W	10-5-95
4400C	25-11-96
3481C	30-9-96
397W	31-1-96
66W	9-1-96
3757C	29-11-95
2394/A W	30-9-95
1585W	27-6-95
2558W	13-10-96
1968W	10-8-94
1032W	21-4-94

FURTHER PAPERS.

No.	Date.

Cy 5252

Dew

Govt. in the Rev. Dept now accepts the estimate for a ~~lump~~ timber basin at Mangalore, & requests the P.W. Dept to scrutinise it —

I has already reported on the estimate & his note will be found attached to memo. Cy 1389C of 11.3.97 - You have already made some remarks on the estimate, but apparently deferred final scrutiny until the Rev. Dept. decided what was required at the Port.

Final criticism is now required —

If it is ~~finally~~ eventually decided to sanction the estimate, the draft G.O. submitted will be useful.

Cy
9.6.97

No. 2991C of 29th June 1897 Memo

Rd. ~~Note by the Chief Engineer, P.W.D. of 4-3-97~~

Rd. G.O. No. 2710 Rev. dated 28th May 1897

~~Copy of note of Chief Engineer P.W.D. and subsequent order in Revenue Dept., referred by S.R.W. should be sent to S.C. and the estimate should be returned with remarks as follows: G.O.~~

Already communicated to the S.C. in Memo 1389C 11.3.97.

Copy of the ~~papers~~ G.O. read above is forwarded to the S.E., IV Circle, in continuation of ~~[illegible]~~ Memo No. 1389C of 11.3.97.

2. It is considered that the dry stone wall of which it is proposed to build the dock would be swept away during the first cyclone, while the proposal to construct a sewage channel by running a partition wall along side what seems to be an existing wall is, perhaps, open to criticism. This channel, of which the bed will be sandy, is to have no floor so should it be considered objectionable that the sewage filter through the sand and rise, under the partition wall, into the dock. It is not clear how this infiltration will be prevented. It would seem desirable to carry the concrete foundation of the partition wall across the channel thus forming a floor impervious to sewage and to continue the conduit as a tunnel, beyond the cross-wall, for some distance into the backwater. The undersigned has therefore the honour to request that the estimate may, if necessary, be revised with reference to these remarks. 30/6/97

C.W.B. 15/6/97.

Rd. Where is plan? It & Estimate should be signed by the Conservator of Forests.

C.W.B. 15-6-97

DW

The plan was sent to the Rev. Dept. with Memo No 1389C of 11.3.97. an Office Note requesting its return as submitted. R.W. 25/6/97

T/B

D 30/6/97

To The S.E. IV Circle with estimate & with copy of G.O. 2710 Rev. d/28-5-97.

6120 (97)
Put up on 28/3/95

Ref. Mem. No. 1889 of 1896-7.

Print

5-8

Office of Conservator of Forests.
Southern Circle,
Coimbatore, 5 January 1897.

From

E. D. M. Hooper, Esquire
Ag. CONSERVATOR OF FORESTS, S. C.,

To

THE Secretary to the Commissioners of Land Revenue
Madras.

Reference—

Enclosures.
4080

SIR,

I have the honor to forward the enclosed letter from the Collector of South Canara with the Estimate of the Executive Engineer West Coast Division amounting to Rs 4080 for constructing a timber basin at Mangalore.

2. It will be remembered that in my Inspection Note on South Canara Proceedings × 361 dated 17th June 1895 I referred to our not requiring extended Depot accommodation in Mangalore and the proposal to reclaim land for the purpose was vetoed in G.O. No 5153 × Misc: dated 20th December 1895 though it was arranged that the reclamation should be estimated for in consultation with the Collector.

No

3. The present reference deals not with a proposed reclamation but the enclosing of a space of water as a timber dock for the Forest Department. The reason for not requiring extra depot accommodation would refer to docks as well as to reclaimed land but not to the same extent for if we sell timber

Copd.
Exd.
2,000—16-7-95.

in log nearer the Forests it will be a convenience to our purchasers to payment for harbouring it in a dock at the port. I have discussed the matter with the Collector and he thinks that the establishment of other similar paying docks will follow in continuation with the result that the townshore will be thereby improved.

4. It will be seen that the estimate of the Executive Engineer amounted to Rs 2900 whereas the same countersigned by the Superintending Engineer has been raised to Rs ~~4800~~ 4080.

It is not stated whether the work classed as Provincial will be charged to "Forests". The Estimates for the current and next year contain no provision for such outlay.

I have the honor to be,
Sir,
Your most obedient servant

Ag Conservator of Forests &c.

Ag
30.12.96.

P.W. E. ~~8~~ 5 ~~838~~ 5454/97

1897
REVENUE DEPARTMENT.
Enclosure No. 2
To Current No. 357

1897
REVENUE DEPARTMENT.
Enclosure No. 9
To Current No. 2254

REVENUE DEPARTMENT.

PROCEEDINGS, OF THE MADRAS GOVERNMENT.

Read again G. O. No. 5153 Mis, dated 20th December 1895.

----- : ---

Read again G. O. No. 353 Mis, d/ 20th January 1897, transferring to the Public Works Depart~~men~~ment, Proceedings of the Board of Revenue (Land Revenue) dated 11th January 1897, Forest No. 23 Mis.

---- : ---

Read also Endorsement of the Public Works Department, dated 11th March 1897, No. 1589 C, forwarding to the Revenue Department for orders on the Chief Engineer's note, dated 4th March 1897, regarding the construction of a timber basin at Mangalore, South Canara District.

Read also Office note from the Public Works Department, dated 14th March 1897, No. 2160 C, returning with the remark the file of papers, regarding Mangalore Timber Depot, forwarded by the Revenue Department.

---- ÷ ----

Order thereon, No. 2710 Mis, d/28th May 1897.

In the first of the papers read above the Government agreed with the Board that, while the immediate necessity for a timber depot at Mangalore was not established yet, an estimate for reclaiming a portion of the foreshore for that purpose should be prepared in order that the work might be undertaken as soon as the increasing trade required it and funds permitted.

2. From the Conservator's Endorsement Ref on Cur No. 1889 of 1896-97 dated 5th January 1897 forwarding an estimate for a timber basin at Mangalore it would appear that the Government was understood as having vetoed the proposal

proposal for a timber depot.

3. Both the Conservator and the Collector are however agreed that a timber basin is required for the proper conduct of business at Mangalore. The Government therefore accepts the estimate for a timber basin and the Public Works Department will be requested to scrutinise the estimate submitted.

4. The Collector of South Canara will be requested to report upon the question of a site for the timber depot which will apparently be also eventually required.

(True Extract)

A.W. Knapp

For Ag. Secy. to Govt.

To the Public Works Department with estimate.

To the Board of Revenue (Land Revenue)

Public Works (1897) Department.

CURRENT No. 3703

No. 2160C of 14-4-97

~~Order~~ Reply, office note

Returned with the remark that, as intimated in this office Endorsement No: 3757 C dy 29.11.95, there is nothing in Mr. Walch's Scheme about the proposed reclamation of the foreshore for purposes of the timber trade

(Sd) D. W. Campbell, Col. R.E.
Secretary

From The Secy to Govt: Rev Dept

No. 28

Dated 10.4.97

Received 13.4.97

Enclosures

Spare copies

SUBJECT.

Mangalore Timber Depot

Forwarding a file of papers regarding the ——— query raised therein for an answer by the Hon'ble Mr Grose.

To the Secy. to Govt. Rev. Dept. D 15/4/97

INDEXED.

20/4/97

P. W. 29.
2,000–16-11-96.

BACK PAPERS.

No.	Date.
1389C	11.3.97 & file

FURTHER PAPERS.

No	Date.

P.W.D.

No. 1389C of 11-3-97

Memo.

Extract from the Rev. Dept. No. 353 of 20 Jany 1897. with note by the Ch. E. P.W.D. dated 4.3.97

Forwarded to the Rev. Dept. for orders on the Chief Engr's ~~to~~ note

4/3/97

W

1st Reminder issued 22.5-97

CE

5.3.97

T the
B

DPWD 11/3/97

To the Rev. Dept. with Rev. connected No. 357 & enclos.

D 12/3/97

Copy to the S.E. IV Circle. (Give abstract of Cey 836, & Govt. note in full)

13/3/97

W

The note sent to Ch. Engr last year, from Orgl. prior to H.E.'s tour of Sept. 96, is flagged + in the linked file.

There is nothing in it about the reclamation of 100 yards of shore –

+ No 4708 / 17.9.96

5/4/97

No action

5/4/97

P.W.D.

Note by the Ch. Engr. P.W.D.

In the report accompanying the estimate for a Govt. timber basin at Mangalore, it is stated that the estimate was called for in G.O. No 66 W dated 9 Jany 1896, but this G.O. did not order the preparation of an estimate for a timber dock. In G.O. No 5153 Mis. Rev. dated 20 Decr 1895, on which the P.W. G.O. was passed, it was stated that "Sufficient grounds have not been shown for the establt. of a new timber depot at Mangalore", but the Govt. approved the Rev. Board's recommendation "that a complete plan & estimate should be prepared with a view to ascertaining the exact cost of the proposed reclamation" - In letter from the Conservator of Forests No 1889 dated 5th January 1897, he remarks in para 2 that the proposal to reclaim land for the purpose of extended depôt accommodation was vetoed in G.O. No 5153 Mis. Rev. dated 20th Decr 1895; this however does not appear exactly to be the case, for as above stated, the G.O. approved the preparation of a complete plan & estimate to show the cost of the proposed reclamation - In response to this order

---

an estimate for a wet dock has been submitted which naturally does not provide for any "proposed reclamation". On the other hand, His Excy. the Governor, in reply to an address from the inhabitants of Mangalore, presented on 5th Octr 1896, remarked "You then spoke of the desirability of extending your sea face by a system of reclamation - This want has not been lost sight of - The reclamation of a hundred yards of your shore, now used for timber trade, has been sanctioned" - The Supdg. Engr. IV Circle, on being asked what had been done in this matter, quotes the estimate sent forward by him for a timber dock & adds, "this it is believed is the work referred to by His Exy the Governor", though how he could arrive at such a conclusion is not clear. The matter thus appears to be involved in much confusion, & it appears necessary to obtain the orders of Govt. as to what is really required, before examining the ~~[illegible]~~ professional details of the plan & estimate, which at the first glance, seem to be open to several objections

4/3/97

E.W.

[illegible] 4.2.97

Public Works Department.

Current No. 836.

Letter No. 353.

Dated 20th January 1897

From the Revenue Department.

NOTE BY TECHNICAL SECTION.

Name of work Constructing a Govt. timber dock at Mangalore.

Amount of Estimate Rs 4,080.

The plan & estimate under review amounting to Rs 4,080, have been framed with reference to G.O. No 66 W dated 9th January 1896 and provide for constructing a Govt. timber dock at Mangalore in the South Canara District.

The G.O. under reference directs that an estimate be prepared for the reclamation of the foreshore, but the present estimate provides for enclosing a portion of the river, as a timber basin 300 × 160', by constructing a wall of rough stone built in a line with the present quay wall, with an opening 12 feet wide in it and a sewage drain to the north of the enclosure to pass off the sewage from the land behind the proposed basin, vide tracing plan.

The basin wall ~~is~~ will be built of dry rough stone & made 4 feet

G.O. No 66W of 9th Jany 1896 does not call for an estimate for a timber-dock: but on the contrary it is stated ~~therein~~ 'in G.O. No 5153 of 20-12-95 to which it relates,' that "sufficient grounds have not been shewn for the establishment of a new timber depot at Mangalore": but an estimate for a proposed reclamation is approved

In the Ag. Conservator of Forests' letter No 1889 of 5th Jany 1896 addressed to the Secretary to the Commissioners of Land Revenue he states, in para 2, that "the proposal to reclaim land for the purpose was vetoed"

DOCUMENT FLAGGED

P. W. 60
200—2-9-96.

4 feet wide at top & 9 feet at bottom & 7½ feet high, resting on foundation 13'×3'. The top of this wall will be 2'3" above High tide level.

The sewer partition wall will be built of rough stone in mortar 1'6" thick throughout over a bed of concrete 4 feet wide & 3 feet deep, this wall will be built in steps to suit the slope of the bed of the proposed basin.

Provision has been made for wooden platform over the opening to the proposed dock and across the sewage passage at the quay wall also for rubble masonry in mortar at the openings in lieu of dry stone work.

In the report it is mentioned that a portion of the space proposed to be enclosed is now used by merchants for storing their private timber in the bed of the river & that by the present proposal, accommodation could be found for them to the south of the proposed basin where ample space is available.

The estimate has been revised by the SE in pencil & the amount altered from Rs 2900 to Rs 4080 owing to alteration in the section of walling.

The rates are fair, vide rate lists.

The plan & estimate have not been countersigned by the Conservator of Forests but they have been transferred by the Rev. Dept. to this Dept.

25.2.97

in that G.O. though the exact wording is the Government "approves of the Board's recommendation that a complete plan and estimate should be prepared with a view to ascertaining the exact cost of the proposed reclamation". In response to this we receive an estimate for a wet-dock which, naturally, does not provide for any "proposed reclamation". It is therefore not clear how it can, irrespective of its merits or demerits, be approved. As regards the latter it may be observed that it is proposed to construct the dock of a dry-stone wall which would probably be swept away the first cyclone. It is proposed to run a partition wall alongside of what seems to be an existing wall, thus constituting a sewage channel between the two. This channel, of which the bed will be sandy, is to have no floor; so should it be considered objectionable to let the sewage filter through the sand and rise under the partition wall, into the dock it is not clear how this infiltration will be prevented if the plan submitted be sanctioned. It would seem desirable to carry the concrete foundation of the partition wall across the channel thus making a floor impervious to sewage, and to continue the conduit as tunnel beyond the cross-wall for some distance into the backwater. However, until the Govt. approves of a wet-dock it is not clear how this estimate can, in any case, be sanctioned.

1.3.97

This matter seems to be very much mixed up & before making remarks on the estimate, it would be better to obtain notes as to whether this is really wanted. An estimate for a work which seems never to have been called for

3/2/97

Public Works (1897) Department.

2301/W

CURRENT No. 836

Order

From the Rev. Dept.

No. 353

Dated 20.1.97
Received 23.1.97
Enclosures
Spare copies

SUBJECT.

Transferring letter from the Secretary to the Commissioner of Land Rev. submitting, with remarks, an Estimate from the E. IV Circle for the construction of a Govt. timber basin at Mangalore, South Canara Dt.

P. W. 29.
2,000—16-11-96.

BACK PAPERS.

No.	Date.
696 C	4.2.97
4400 C	25.11.96
3412 W	30.11.96
3487 C	30.9.96
479 D	19.6.96
1965 W	3.7.96
2387 C	1.6.96
1634 W	1.6.96
397 W	31.1.96
1389 C 97	11.3.97
2160 C 97	14.4.97

FURTHER PAPERS.

No.	Date.

O/18 2,000—30-3-98.

Revenue (189 8) Department.

CURRENT No. 357

Print in full

From

The Board of Revenue,
Land Revenue

Endt.
~~Order~~ Mis. No. 353.

Transferred to the
Public Works Department.

Sd/ Lionel Davidson
Under Secy to Govt.

Fort St. George
20th Jany '97

To

The Public Works Dept.

For. No. 23 Mis.

Dated 11th Jany '98.

Received 14th "

Registered 15th "

Enclosures 8

Spare copies

SUBJECT.

Submitting to Govt. with remarks the estimate received from the Superintending Engineer 4th Circle for the construction of a Govt. timber basin at Mangalore, South Canara Dt.

BACK PAPERS.

G O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Print

Proceedings of the Board of Revenue.

(Land Revenue)

Forest No. 23 Miscellaneous.

Dated 11th January 1897.

Read letter from E. D. M. Hooper Esquire, Acting Conservator of Forests, Southern Circle, Ref. on Cur . No.1889, dated 5th January 1897

Resolution.

Submitted to Government with reference to its Memorandum in the Public Works Department, dated 25th November 1896, No. 4400 C, communicated in G. O. R.No. 2291 Revenue, dated 2nd December 1896. It is observed that the Collector considers that the pencil alterations in the estimate are the calculations which have received the approval of the Superintending Engineer.

2. The estimate was originally called for in G.O. dated 9th January 1896, No. 66 W communicated in G. O. Mis. No. 153 Rev. dated 15th January 1896. The Government wished to ascertain the exact cost of the reclamation in order that the work might be commenced without delay when found necessary. But the Conservator reports that it is now proposed merely to enclose a space of water for a timber dock and that it will be convenient to undertake the work at once.

3. With reference to the Conservator's remark in para. 4 of his letter as to the Department to which the cost of the work should be charged, it is observed that under the Government of India Resolution, dated 7th May 1884, No. 1040, disposed of in G. O. No. 2946 Revenue, dated 11th July 1884, the expenditure will have to be met from the Public Works Budget as the work is proposed for execution by the agency of that Department.

(True Extract)

(Signed) L. D. Swamikannu

For Secretary.

(True Copy)

For Secretary to Government.

Disp No. 90/201 of 98-99.

SOUTH CANARA COLLECTOR'S OFFICE,
FOREST BRANCH,

Dated Mangalore, 13 July 1898.

From

W. B. Ayling Esquire
Acting Collector of South Canara,

To

The Superintending Engineer
Fourth Circle.

Sir,

As desired by the Conservator of Forests, Southern Circle, I have the honor to return herewith the plan and estimate of the Timber Basin duly countersigned.

I have the honor to be,
Sir,
Your most obedient Servant,

P. M.

For Ag Collector.

Copied by

Compared by

1898-99

"Enclo: No 1 to letter No 383"

From

W. B. Ayling Esqre

Collector of

South Canara,

SUPG. ENGINEER'S OFFICE, P.W.D.
No 601 M
18 JUL 98
Engr ....
FOURTH CIRCLE.

To

The Superintending Engineer

Fourth Circle

Dated 13th
Despatched 15 } July 1898.
Received

~~Current~~ Disposal No 90 ~~For~~ of 98-99.

ENCLOSURES. Four

Subject.

Forwarding the plan and Estimate of the Mangalore Timber Basin duly Countersigned

[illegible]

78