

(1) Number of pages 16
(2) Date of receipt 24.10.38
(3) Initials of the Referencer CP

MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT.

C.O. No.	Press No.
Dated	18

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
for the month of January 1860.*

No. 157. Read the following letter from Lieutenant-Colonel J. H. BELL, Chief Engineer ;
to the Secretary to Government, dated 17th January 1860, No. 9218. /60

Referring to the orders of Government as per margin, I have the honor to forward two letters

1 Plan.
1 Estimate Rupees 4,030.
Letter to District Engineer, dated 27th October, No. 6540.
Do. do. do. 16th November, 7310.
From do. do. do. 7th November.
Do. do. do. 30th November.
No. 2634, of 11th November 1859, on the subject of a sanitarium at Harris valley on the Galt Parvatham hill sanctioned Rupees 3,600 for the road from Kótúr to Harris valley.

from the District Engineer of Vizagapatam, furnishing the information required by Government, together with a sketch plan and estimate amounting to Rupees 4,030 for the temporary buildings in connection with the Sanitarium at Harris valley and the road from Kótúr to that place.

Require statement of cost of temporary buildings.
Enquire as to the necessity of a hut house at Razavalsa and why the Sappers should be located on Taylor's knoll, 2 miles from the valley.

2. In his letter, No. 690, 7th November 1859, the District Engineer explains that he was unable sooner to report the cost of erecting these buildings as the strength of the party of Sappers to be employed on the work had not been fixed, nor had he been able to ascertain how far he might depend on the villages in the hills supplying work people.

3. The estimates provide for two barracks of 30 feet by 14 feet with privies attached. A third building of the same dimensions for the officers, and a fourth for the Commissariat stores and Staff Serjeant. Two buildings 15 feet by 12 feet for a Baker's godown and a cook room and an enclosed yard with sheds, the yard being 150 feet square for Commissariat cattle and sundry stores, at a total cost of Rupees 958. The District Engineer states that the sheds already built at Taylor's knoll for the Sappers are included, but they do not appear in the estimate, so they are, I conclude, part of the "sheds for sundry stores." If to the above sum be added the cost of the resting house at Razavalsa 50 feet by 15, stated in the letter as 50 Rupees, but appearing in the estimate to be 72 Rupees, the total is Rupees 1,030.

4. In his letter No. 777, November 30th, the District Engineer remarks that he built the shed at Razavalsa for the accommodation in the first instance of a portion of the Sapper detachment to be employed on the most difficult part of the ghát between that place and Kótúr, and he proposes its being maintained permanently to afford a break in the journey for travellers for whom it would be unsafe to ascend or descend the ghát after dark, by reason of the jungles being infested with tigers, and of dangerous precipices on the side of the ghát; the cost he remarks, will not be much, as one of the temporary sheds now erected might be tiled for a mere trifle he here appears to refer to making a rest house at "Taylor's knoll" instead of Razavalsa inadvertently I am inclined to think, as the rest house has been erected at Razavalsa.

5. As respects locating the working party on Taylor's knoll, two miles distant, the District Engineer states, that it is almost an absolute necessity in the first instance, as the road from there to Harris valley must be made before tents and stores for the party could be conveyed there; and secondly, that as the greater portion of the work, to be done is on the Kótúr side, it is much more convenient for the working party to live at Taylor's knoll, which is situated between the two extreme ends of their labors. He remarks too that while the climate of Harris valley will be tested by the Europeans living there, further knowledge of the climate of the more elevated site (Taylor's knoll) will be obtained by the location of the working party on it.

6. Captain Blagrove further remarks that he has not yet succeeded in finding lime stone in Harris valley or on the hills.

7. The estimate of Rupees 4,030 is composed of two items, one of Rupees 3,000 for improving the road from Kótúr to Harris valley and Rupees 1,030 for all the temporary buildings including rest house at Razavalsa.

8. In the budget of 1860-61 Rupees 3,600 were provided for the above road, having been sanctioned by Government in paragraph 2 of the order of 11th November 1859, and Rupees

Budget.

Proceedings of the Madras Government, Public Works Department,
for the month of January 1860.

4,000 were inadvertently separately entered in the same budget for the temporary buildings, which sum is inclusive of the amount required for the road. The sum of Rupees one thousand having been authorized by Government to be laid out in the current year on the buildings in question, the balance requiring sanction from the estimate now submitted is Rupees 3,030, which I request may be entered in the budget of 1860-61 in place of the two items noted in the margin.

Road	Rupees
Temporary buildings Rs. 4,000	3,000
Already authorized ... 1,000	3,000
	6,000

No. 158.

ORDER THEREON, 30th January 1860, No. 234.

Referring to paragraph 2 of the order of the 11th November 1859, No. 2634, authorizing an expenditure of Rupees 3,600 for improving the road from Kótár to the Harris valley, the Government resolve on the explanation now furnished by the Chief Engineer to sanction in substitution, the entry in the budget of 1860-61 of the sum of Rupees 3,000 for the road in question, and Rupees 30 the balance of the estimate for the erection of temporary buildings in Harris valley proposed for expenditure in that year.

(Signed) T. PYCROFT,
Chief Secretary.

Central Office of P.W.
Sipittham
17th January 1860

No. 928
S. 111

Encls

1. Plan
2. Estimate for 1860-61
3. Estimate for 1860-61
4. Estimate for 1860-61
5. Estimate for 1860-61
6. Estimate for 1860-61
7. Estimate for 1860-61
8. Estimate for 1860-61
9. Estimate for 1860-61
10. Estimate for 1860-61

The Chief Engineer

The Secretary to Government

My dear Sir,
Bentley

Referring to the order of Government as per Memoirs No. 2634 of 11th Nov. 1859, I have the honor to forward two letters from the District Engineer of Vizagapatnam furnishing the information required by Government together with a sketch plan and estimate amounting to Rs. 3,600 for the improvement of the road from Kótár to the Harris valley. I have also the honor to forward a letter from the District Engineer of Vizagapatnam dated 11th Dec. 1859, in which he states that he was unable to attend to the matter at the time.

2. Estimate for 1860-61
3. Estimate for 1860-61
4. Estimate for 1860-61
5. Estimate for 1860-61
6. Estimate for 1860-61
7. Estimate for 1860-61
8. Estimate for 1860-61
9. Estimate for 1860-61
10. Estimate for 1860-61

Budget

some to report the cost of erecting
these buildings are the strength of
the party of Sappers to be em-
ployed in the work has not been
fixed nor had he been able to
ascertain how far he might depend
on the Village on the Hill for supply-
ing workpeople.

3 The Estimate provides for two
Barracks of 36 feet by 14 feet with
privies attached, a third building
of the same dimensions for the Officer's
and a fourth for the Commissariat.
Stores and Staff Sergeants. Two
buildings 18 feet by 12 feet for a
Barrack room and a Cook room
and an enclosed yard with shed.
The yard being 150 feet square
for Commissariat Cattle and Survey
Stores at a total cost of Rs 1000.
The District Engineer states
that the sheds already built at
Puzhara small for the Sappers
are inadequate but they do not appear

in the Estimate so they are I enclose
part of the "Sketch for Survey stores". If
to the above sum be added the cost of
the Messing house at Puzhara
30 feet by 18, 18 feet in the other
50 Sappers but appearing in the
Estimate to be 70 Sappers the total
is Rs 1050.

4 In his letter of 11th November
30 the District Engineer mentions
that he built the shed at Puzhara
for the accommodation in the first
instance of a portion of the Sapper
Detachment to be employed in the
most difficult part of the Shank
between that place and Mitha, and
he proposes its being maintained
permanently to afford a break in
the journey for travellers & for whom
it would be unsafe to ascend or
descend the Shank after dark by
reason of the jungles being infested
with tigers, and of dangerous
quagmires on the side of the Shank.

the
budget

The work he proposes will not be much
as one of the temporary sheds now
erected might be fitted for a more
single he has offered to refer to
making a stock house at Taylor's
Knoll instead of Fitzgerald's in-
conveniently. I am inclined to think
as the stock house has been erected
at Fitzgerald's.

5. As to the location
the working party on Taylor's Knoll
2 miles distant the Minister Engineer
states that it is almost impracticable
accessibility in the first instance as
the road from there to Morris Valley
must be made before carts and
drives for the party could be em-
ployed there and finally that as
the greater portion of the work to be
done is on the State side it is much
more convenient for the working
party to live at Taylor's Knoll
which is situated between the two
extreme ends of their labor. He
thinks

Monarch has that while the climate
of Morris Valley will be noted by
the Engineer's living there, for their
knowledge of the climate of the more
sheltered side of Taylor's Knoll will
be obtained by the location of the
working party in the

6. Captain Blagden further
thinks that he has not yet
succeeded in finding lime stone
in Morris Valley or on the hills.

7. The Estimate of \$40,000
is composed of two items one of
\$3,000 for improving the road
from State to Morris Valley and
\$37,000 for all the temporary
buildings including stock house at
Fitzgerald's.

8. In the Budget of 1860/61
\$3,000 were provided for
the above road having been sanctioned
by Government in para 2 of the
order of 11th November 1859 and
\$37,000 were similarly
sanctioned.

separately entered in the same
Budget for the temporary buildings
which sum is inclusive of the
amount required for the road.

The sum of P. 3000 was authorized
having been authorized by Govern-
ment to be included in the current
year on the buildings in question the
balance requiring sanction from
the Estimate now submitted is
P. 3030 which I request
may be entered in the Budget of
1860/61 in place of the two items
noted in the margin.

Par P. 3000
P. 3030
Balance B. 4000
M. 3000
Total 1000 3000
7000

Supa Khann
17th July 1860
Shree Mahabab
Sir
Your obedient servant
A. Bell
Chief Engineer

To
for Capt. H. M. C.
To Mr. Secretary
Government 1860

For
Capt. H. M. C.

Budget

三

Dear Mr. H. H. Brown,
 I have been so busy and the
 weather so disagreeable that
 I have not been able to
 write you for some time.
 I am now at the college
 and will be there for some
 time yet. I will write you
 again when I have a chance.
 Yours truly,
 H. H. Brown

Handwritten: No. 67. Addressed
to 734-30 Henry.

2

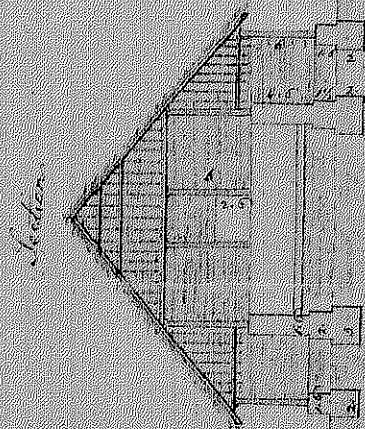
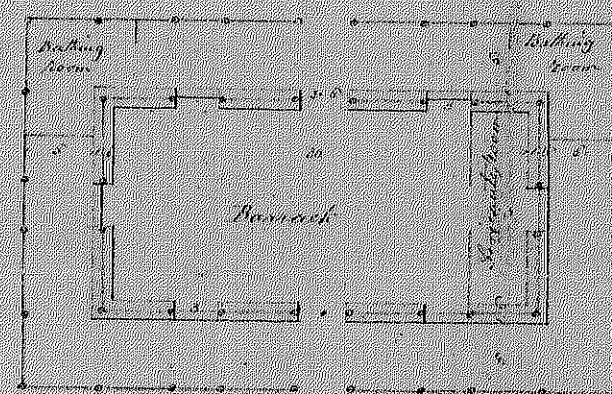
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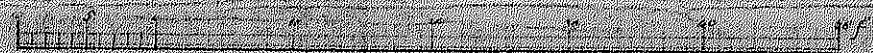
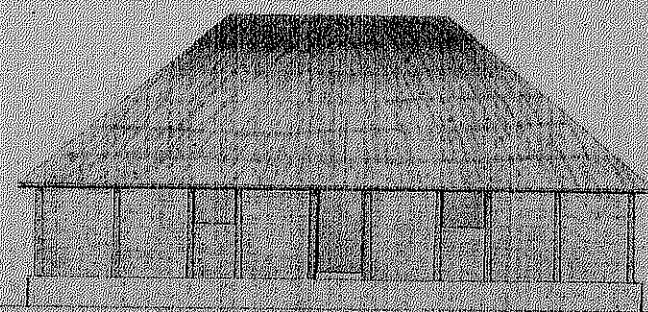
Wm. Wells 1860. Delivered by
David Foster 1900. Spoken by
Wm. Wells

11

15.6



Flourens

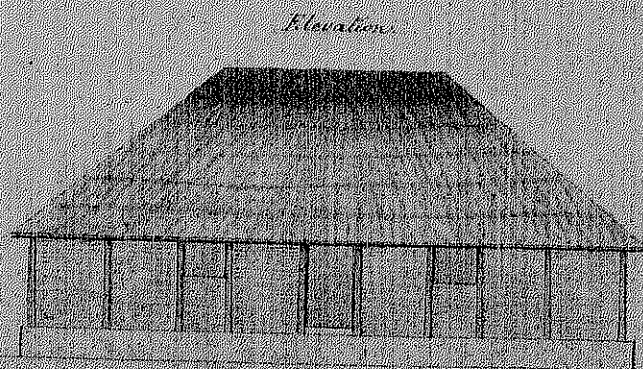
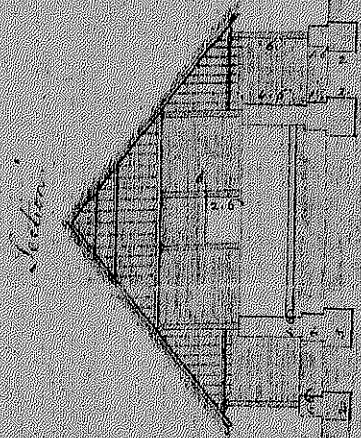


Sgt. Eng. Office Puzosapatam
Camp No. 11. 7. Nov. 1897

Edmore Cable
District Engineer
Vancouver, B.C.

H. L. Clark M. Exr
Carroll County Md.

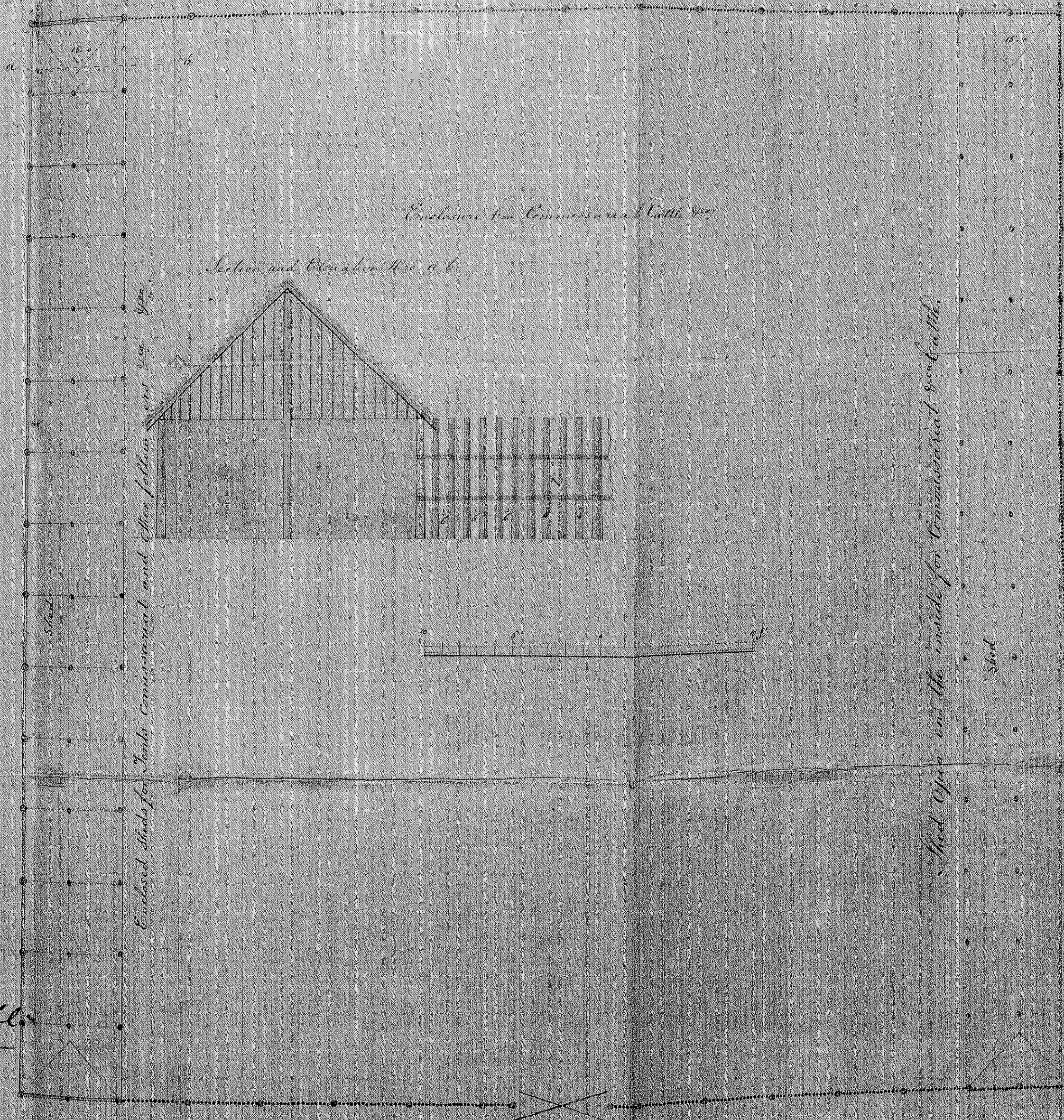
Bridges



B. Myzomene (Cabl.)
Dendrocinclus
viridigularis

Attest the true
Commencing 1822

~~For the~~
Budget



Enclosure for Commissioner & Little, Jr.

Section and Education Mrs. A. C.

Enclosed finds for Yearly Commemorial and other follow ~~over~~ year ^{year}

And. Omen in the inside for Commissioner's death.

220 June 1826

1827

at the house of Mr. [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

June 30. 1827

1828

June 30. 1828

June 30. 1829

1830

Plan of the buildings
proposed to be constructed
in the Skirrid Valley in
the County of Wexford

... in the
Budget

N^o 234

Proceedings of the Madras Government.

Under date the 30th January 1860.

Recd the following letter

from the Chief Engineer.

Submits with observ.

positions, sketch plan and Estimate

Rs. 1050 for the temporary bridge
in connection with same (Here enter 17 Lang. No. 89218)
situated at Warrie Valley in
the Vizagapatam District.

Re

Bill

Re

Referring to para
2 of the order of the 11th Dec-
ember 1859, N^o 2654, and
authorizing an expenditure
of Rupees 3000 for improv-
ing the road from Natar
to the Warrie Valley, the
Government resolve on
the explanation now fur-
nished by the Chief En-
gineer to sanction in sub-
stitution, the entry in the
Budget.

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Coke in a - 200 to 250
 of 220 - 250 to 260 lbs.

of which 150 lbs. is
 of 220 to 250 lbs.

to 234.

of 220 to 250 lbs.
 of 220 to 250 lbs.

from the West by 7.
 230 April 1860. Can 1000
 250 260 May 1860.

Sanctioning the entry in
 the register of 1860, of 220 to 250 lbs.
 in showing the road from 220 to
 250 lbs. in 1860, in 1860, in 1860,
 of the expenditure on the road on
 the 11th November 1860, and 220 to
 the balance of the 220 to 250 lbs.
 the temporary buildings in the
 future building.

from the West by 7.
 230 April 1860. Can 1000
 250 260 May 1860.

179, 187, 188