

Public Works (1898) Department.

G.O., No. 831 J

DATED 27 October 1898

27/10/98

[Despatch Abstract.]

Construction Work

The execution by the P.W.D. of the ——— of
the construction of the low level sluice of Kummala
has been completed in the S. Arcot Dist., Saichinad.

116/11

11

The execution by the Public Works Department of the — of reconstructing the low level sluice of Kunnalam hissa tank in the South Arcot division, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers:—

From Colonel A. W. SMART, R.E., Superintending Engineer, V Circle, to the
Chief Engineer for Irrigation, dated. Chépák, 14th September 1898,
No. 335 E.I.

I have the honour to request sanction under Code, Volume I, paragraph 79, chapter IX, to the work "Reconstructing a low level sluice in Kunnalam tank No. 77 in Tindivanam taluk, South Arcot division," as per enclosed estimate of Rs. 980, being undertaken by this department.

The necessity for the work is explained in the report attached to the estimate. The amount of contribution is \$223,000.

* Inclusive of establishment and tools and plant charges.

ENCLOSURE.

REPORT to accompany estimate for reconstructing a low level sluice in Kunnalam Tank
No. 77.

							RS.
Amount of estimate	...	...	...	...	...	...	980

The barrel of the sluice is in a very dilapidated state and gets constantly choked during the irrigation season by the covering stones falling in and endangering the cultivation of 128 acres under it.

It is proposed to reconstruct it with a tower head in front making the barrel sufficiently large to admit of its being examined at all times.

The work will be carried out as per standard specification.

The work is urgent and is recommended for very early sanction.

18th July 1898.

(Signed) J. R. HENDRICK,
Sub-Division Officer.

No. 275 I.

Note by the Chief Engineer for Irrigation.

The Superintending Engineer, V Circle, requests sanction, under paragraph 79, chapter IX, Volume I of the Public Works Code, for execution by the Public Works Department of the contribution work "Reconstructing the low level sluice of Kunnalam hissa tank" in the South Arcot division. The sanction applied for may be accorded.

2. The plan and estimate for the work which have been revised in this office may be sanctioned by the Superintending Engineer.

22nd October 1898.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

The execution by the Public Works Department of the work referred to is sanctioned.

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
 " Superintending Engineer, V Circle, with five enclosures.
 " Examiner, Public Works Accounts.

Exd. T. K. Narayana Aiyangar.

Public Works (189⁸) Department.

CURRENT No. 8880

From

The Chief Engineer, Madras

Order

No. 275-1.

Dated 22/10/98.

Received

Registered

Enclosures

Spare copies

SUBJECT.

*Reconstructing the low level
sluice of Kinnalane Irriga-
tion - Note recommending
that sanction to the execution
by the P.W.D. of the construction
work of - applied for may
be accorded.*

FURTHER PAPERS.

IRRIGATION BRANCH.

UNDER date the

READ the following

From the Supp: Enquirer 5th Feble - N^o. 335 E. I. dated 14th Sept^r.
1898.

no. 275-I of 22-10-98

Note by the Chief Engineer for
Immigration

The Superintending Engineer
5th Circle requests sanction,
under paragraph 79, Chapter IX,
Volume I of the P. W. Code,
for execution by the Public
Works Department of the
contribution work "Reconstruction
—ing the low level sluice of"
"Kummalam hessatank" in the
South Arcot Division. The
sanction applied for may be
accorded.

2. The plan and estimate for the work which have been revised in this office may be sanctioned by the Supg: Engineer.

Order

Issue

25.10.98 W.H.

Order thereon No: 83/L 27.10.98

The execution by the Public Works Department of the work referred to is sanctioned.

22/10/98
WH
22.10.98

To The Chief Engineer for Impmt:
" Supg: Engrs 5 enclosures
" Examiner P.W. Accounts

Public Works (1898) Department.

CURRENT No. 57 S.A.

Order

The execution by the P.W. Dept of the work referred to is sanctioned.

From The Supg Engineer
5 files

17/9

No. 333 S.A.
with report

Dated 12 September 1898.

Received 16 Sept 98
+ Regd
Enclosures 5 ✓

Spare copies

To The Chief Engr for Impmt
Supg Engr, V. C. Wick.
Ex. P.W.

1000
16/9/98

SUBJECT.

Constructing a low level sluice in Kumbalam Sanku in the Shudhavanam Taluk South Arcot District.

Requesting sanction as per 1 side Estimate of Rs. 980 for the execution of the work of being under taken by this Department.

19/9/98

FURTHER PAPERS.

Kannalam Tark I. L. No 77

Report 4.

LEVEL AT WHICH REQUIRED DISCHARGE CAN BE
DISCHARGE REQUIRED - 1.05 CFS PER ACRE
AREA OF WATERSHED - 178 ACRES

FOR THE
LITERATURE
OF THE
NATION.

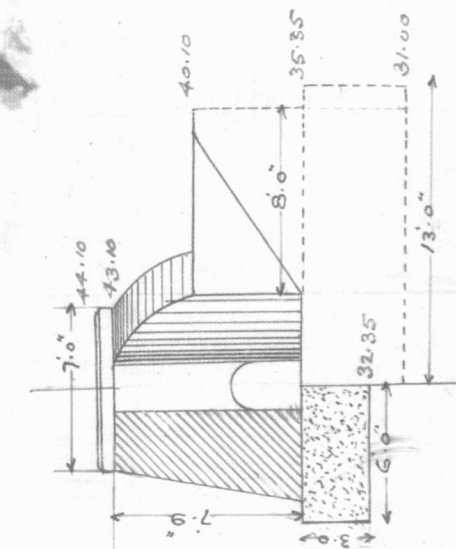
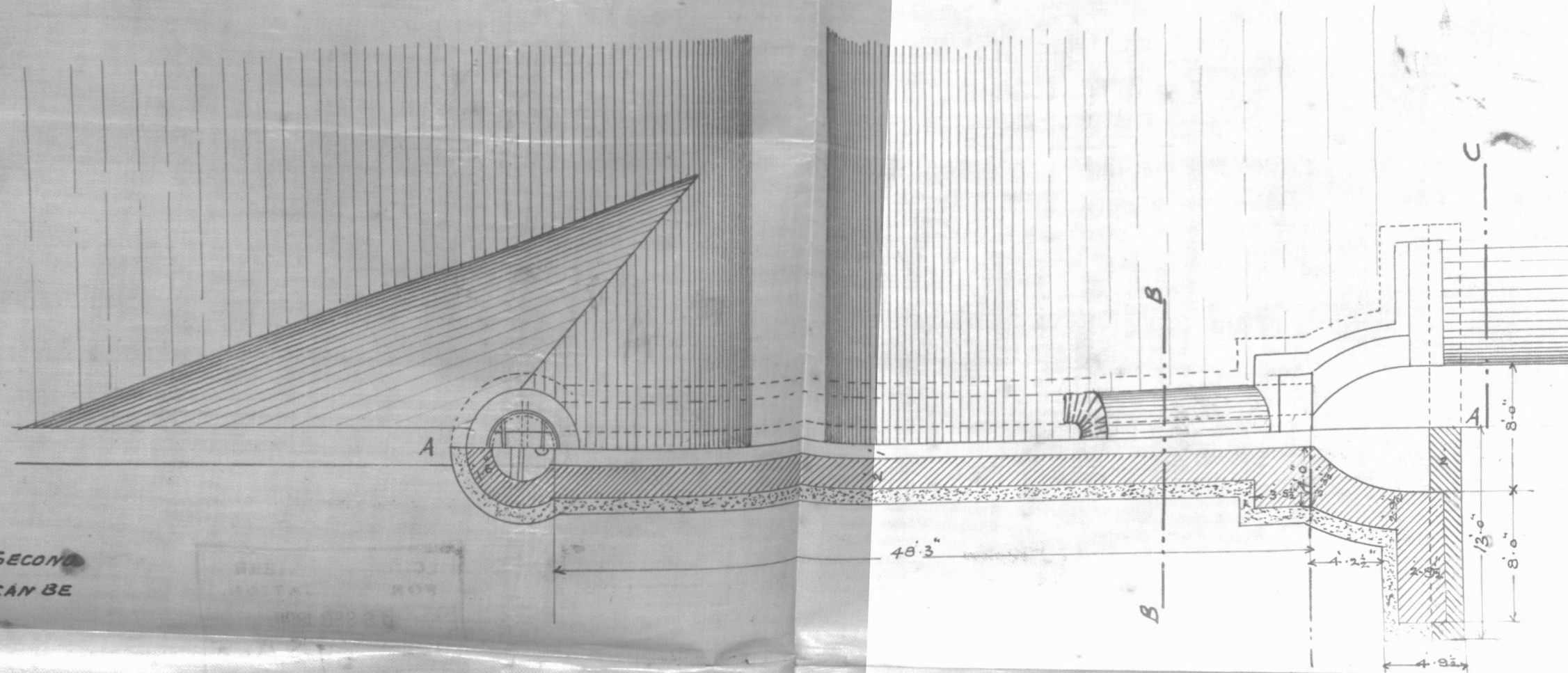
1000

PLAN OF LOW-LEVEL SLUICE

TO BE CONSTRUCTED IN THE BUND OF KANNALAM TANK. No. 77.

SCALE $\frac{1}{100}$

Cancelled



SECTION THROUGH C.C.

AREA OF IRRIGATION - 128 ACRES
DISCHARGE REQUIRED - 1.92 C.F.T. PER SECOND
LEVEL AT WHICH REQUIRED DISCHARGE CAN BE

THRO:- PLUG HOLE 3 FT. ABOVE SILL.

- D₂ - LOWER VENT 1 FT. - D₂

AREA OF PLUG HOLE . 3.49 SQ. FT.

DIAMETER OF D₂ - 8 INCHES

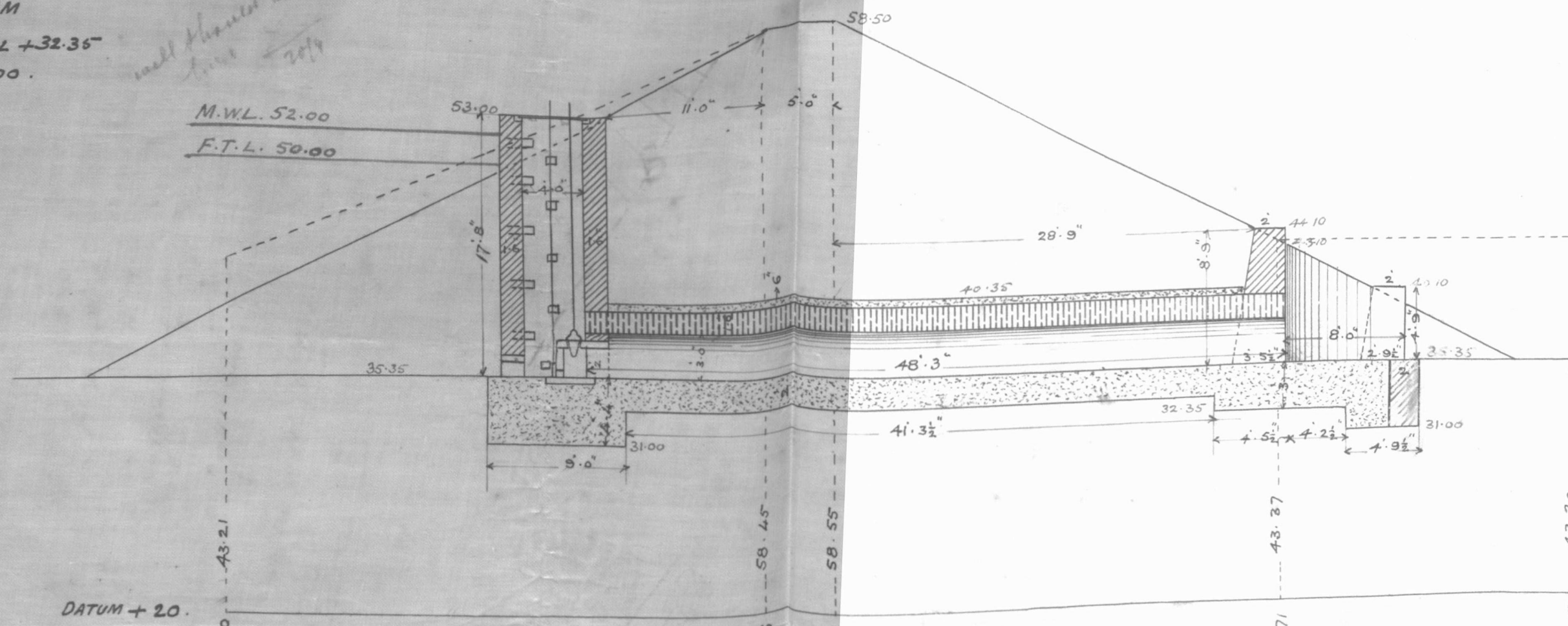
AREA OF LOWER VENT - 1'x6" = 0.5 SQ. FT.

NATURE OF SURFACE SOIL - LOAM

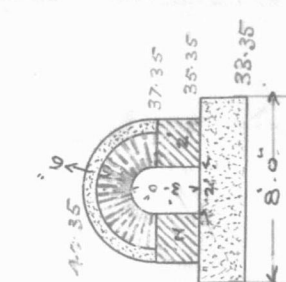
- D₂ - SUB. SOIL - HARD GRAVEL + 32.35"
ROCK + 31.00 .

*well planned in
the tank*

El 16900



SECTION THROUGH A.A.



SECTION THROUGH B.B.

Amur

COL^Y R.E.

OFF^Y SUPERINTENDING ENGINEER

V.CIRCLE.

No.	Date.

No.	Date.

21/2/00



0.12
88/8/98

Kannalam Tank I.L. No 77

Report to accompany estimate for reconstruction
- ing a low level sluice in -

Amount of Estimate Rs. ^{980.}
~~1270~~ ~~1240~~ *MP*

The barrel of the sluice is in a very
dilapidated state and gets constantly choked
during the irrigation season by the covering stones
falling in and endangering the cultivation of
128 acres under it.

It is proposed to reconstruct ^{with a Tower head} its ^{in front} making
the barrel sufficiently large to admit of its being
examined at all times.

The work will be carried out as per standard
specification

The work is urgent and is recommended
for very early sanction

MP
Sub Division Officer
18/7/98

No. 335 *Sl.*

SUPERINTENDING ENGINEER'S OFFICE,

V Circle, Madras,

Chennai, 24th September 1898.

From

Colonel A.W. Smart R.E.

SUPERINTENDING ENGINEER,

V CIRCLE.

To

THE Chief Engineer
for Irrigation

SIR,

I have the honour to request sanction

Enclosures. 5

under Code Volume I paragraph 79 Chapter IX to the
work "Reconstructing a low level sluice in Lunn-
lam Tank N. 77 in Tindivanam Taluk, South
Arcot Division" as per enclosed estimate of Rs 980/-
being undertaken by this Department.

The necessity for the work is explained in
the report attached to the estimate.

The amount of contribution Rs 86/- as de-
tailed in the abstract estimate will be collected
from the Shrotriendhar of Madavilagam, before
the work is put in hand.

I have the honour to be,
Sir,
your most obedt servant

A. W. Smart
Colonel R.E.
Offg Supg Engineer

CHIEF ENGINEER
FOR IRRIGATION.
16 SEP. 1898
No. 4/SA.

2555
8880/98

2555
8880/98

CHIEF ENGINEER
FOR IRRIGATION
16 SEP 1898
No. 57 S A

recd
8888 (3)

5/

W
L.R.