

Primary Battery File

National Archives, Washington D.C.

Record Group 77

Correspondence of the Chief of Engineers

Entry 103

File, Fort, Battery:

28652

Ft. Greble

Btty Ogden

Subject: Plans, estimate, &c.- Two 3" 15-pdr. R.F. guns at Fort Greble, R.I.

U. S. Engineer Office,

Newport, R. I., June 6, 1899.

Brig. Gen. John M. Wilson,

Chief of Engineers, U. S. Army,

Washington, D. C.

Sir:

In compliance with Department letter of October 24, 1898, Engr. Dep't File No. 28652, I have the honor to submit this date plans, estimates, &c., for emplacing two 3-inch 15-pdr. R.F. Guns at Fort Greble.

The site selected is that of the old 15-inch C. P. battery towards the southern extremity of the Island. The location is 900 feet in advance of the line of the 3 10-inch rifles on disappearing carriages, and somewhat to the west of their normal line of fire. It is assumed that the high ground between the 10-inch battery and the 6-inch emplacement will ultimately be occupied by guns of the last mentioned calibre, and for this reason it has been found necessary to place the small guns in front; this situation also gives them a much more extensive field of fire than if placed back on the main line, and permits of the emplacement of more guns of like calibre should this be deemed necessary in the future.

It was hoped that the old magazines of the 15-inch battery could be utilized, but their location makes this appear undesirable. In order to obtain a proper field of fire, it would be necessary to place the guns well to the front which would necessitate increased distances in supplying ammunition

which in a rapid-fire battery is undesirable, while should it ever be deemed necessary to put in more guns, the difficulties connected with their location would be increased.

The elevation of the crest of the proposed work is 47 feet or 28 feet below that of the 10-inch battery in rear. In construction the old magazines would be filled up, the arches covering them being blasted off.

The following is the estimate of cost:

Concrete, Rosendale,	450 cubic yards @ \$8	\$	3,600.00
Concrete, Portland,	100 cubic yards @ \$10		1,000.00
Portland facing,	80 cubic yards @ \$20		1,200.00
Excavation and fill,	2500 cubic yards @ \$1		2,500.00
Sodding,	600 square yards @ 70¢		420.00
Asphalt,	50 square yards @ \$1.25		62.50
I beams,	2880 lbs. @ 3¢		85.80
Iron railing,			50.00
Drainage,			50.00
Doors,	3 @ \$38		114.00
Speaking tubes,			10.00
Total,		\$	9092.30
Contingencies, 10%			909.23
		\$	10001.53

Very respectfully,

Your obedient servant,

D W Hartwood

Major, Corps of Engineers, U. S. A.

2 inclos..

159
ENGINEER OFFICE
North East Division
RECEIVED 244 June 8 1899

OFFICE CHIEF OF ENGINEERS

28652
2
89

WAR DEPARTMENT

Newport R.I.
June 6, 1899

Lockwood,
Major R.I.

In compliance with Rpt.
Instruction of Oct. 24/95 and
my plans sent for impls.
Jan 2. 1897. R.I. guns at
Newport R.I. 1897. 53.

2 inclos. - 1st
3 and 4 inclos. R.I. guns at
Newport R.I. 1897. 53.

✓

REC'D. OFFICE CHIEF OF ENGRS. JUN 20 1899

1st. indorsement.
NORTH EAST DIVISION
ENGINEER OFFICE.

New York, June 8, 1899.

Respectfully forwarded to
the Chief of Engineers, recom-
mended for approval.

The mine field which these
guns are to cover is situated
800 feet south of the Light-house
at the south end of Dutch Island,
and stretches across the western
entrance to Newport Harbor, from
Fox Hill to near South Ferry.
Both guns, as located by the
District Officer, have effec-
tive sectors of fire.
The old battery has no de-
fensive value and may be mod-
ified at will.

G. A. Gillespie

Colonel, Corps of Engineers,
Division Engineer.
159-1899.
Inclos. 1 & 2 (trs.) in sep. roll

2nd indorsement.

Office Chief of Engineers,
U. S. Army.

June 10, 1899.
Respectfully returned approved.
The sum of \$10,000 is hereby al-
lotted from the appropriation for
"Gun and Mortar Batteries", for
construction of gun and mortar
batteries, Act of July 7, 1898,
to be applied to the construction
of emplacements for two 15-pdr.

Rapid-fire guns at Fort Greble,
R. I.

These papers to be returned.
By command of Brig. Gen. Wilson:

28652
2
Inclos. 3 & 4 in sep. roll.

Through Col. G. L. Gillespie,
Captain, Corps of Engineers.

Through Col. G. L. Gillespie,
Captain, Corps of Engineers.

Division Engineer, North East Division.
New York, June 12, 1899.

3rd. indorsement.
NORTH EAST DIVISION
ENGINEER OFFICE.

New York, June 12, 1899.

Respectfully returned to
Major Lockwood, inviting at-
tention to preceding indorse-
ment.

G. A. Gillespie

Colonel, Corps of Engineers,
Division Engineer.
159-1899.
Inclos. 1 & 2 in sep. roll.

4th indorsement.

U. S. Engineer Office,
Newport, R. I., June 17, 1899.

Respectfully returned to the
Chief of Engineers, U. S. Army,
the necessary record having been
made.

28652
2
Major, Corps of Engrs.
Inclos. 3 & 4 in sep. roll.

Through

Colonel G. L. Gillespie,
Corps of Engineers,
Division Engineer,
N. E. Division.

New York, June 19, 1899.

5th. indorsement.
NORTH EAST DIVISION
ENGINEER OFFICE.

New York, June 19, 1899.

Respectfully returned to
the Chief of Engineers.

G. A. Gillespie
Colonel, Corps of Engineers,
Division Engineer.
159-1899.
Inclos. 1 & 2 in sep. roll.

REC'D. OFFICE CHIEF OF ENGRS. JUN 20 1899