

Primary Battery File

National Archives, Washington D.C.

Record Group 77

Correspondence of the Chief of Engineers

Entry 103

File, Fort, Battery:

36780

46247

Ft. Adams

Btty Bankhead

SUBJECT:

*Office of the Chief of Engineers,
United States Army,*

Washington, July 24, 1903.

Capt. C. E. Gillette,

Corps of Engineers,

Newport, R. I.

Captain:

1. With reference to indorsement of this office of July 23, 1903, informing you that a 6-inch rifle on disappearing carriage, model 1903, would be substituted for the 6-inch Armstrong rifle now at Fort Greble, in order that the battery proposed at this locality might mount three 6-inch rifles on carriages of the same model, you are informed that it is contemplated to emplace this Armstrong gun at Fort Adams next year instead of one of the three 6-inch rifles on disappearing carriages, model 1903, in the battery for which allotment was made April 15, 1903. It is probable that two additional Armstrong guns on pedestal mounts, to be transferred from other districts, will also be emplaced in the 6-inch battery at Fort Adams, instead of the remaining two guns on disappearing carriages originally intended for this battery.

2. You are, therefore, requested to submit plans and estimates for the construction of a battery of three 6-inch Armstrong guns on pedestal mounts at Fort Adams, this battery to take the

C. E. G.- 2

place of the one for which allotment was made April 15, 1903.

By order of the Acting Chief of Engineers:

Very respectfully,

Your obedient servant,



Major, Corps of Engineers.

46247

*Through Col. CHAS. R. SUTER,
Corps of Engineers.
Division Engineer, Northeast Division.*

51 3 1903

1st indorsement.

ENGINEER OFFICE.

July 27, 1903.

Respectfully forwarded to Capt. Gillette.

It is thought that the type plan for 6" pedestal mount will answer by making some modifications in gun platform and parapet to suit the Armstrong gun.

Chas. R. Suter

Colonel, Corps of Engineers,
Division Engineer.

51, 1903.
3

2d indorsement.

U. S. Engineer Office,
Newport, R.I., Aug. 3, 1903.

Respectfully returned to the Chief of Engineers, inviting attention to my letter of July 24, 1903, and report of this date, on the subject.

Quinn S. Gillette

Captain of Engrs., U.S.A.

38-4572

1st Lt. Chas. R. Suter,
Corps of Engineers, U. S. A.,
Division Engineer, Northeast Division.

3rd indorsement.

NORTHEAST DIVISION

ENGINEER OFFICE.

New York, August 4, 1903.

Respectfully forwarded to the Chief of Engineers, U. S. Army, recommending reference to the Board of Engineers.

Chas. R. Suter

Colonel, Corps of Engineers,
Division Engineer.

51, 1903.
3

Inclo. 4 of 49-1903, accomp.

Refrg. to indt., July 23, 1903, that a 6" rifle, dis. carr., model 1903, would be substd. for the 6" Armstrong gun now at Fort Greble, says it is contemplated to empl. this Armstrong gun at Fort Adams next year, with probably two addtl. Armstrong's, on ped. mts., instead of three 6" rifles, dis. carr., for which allot. was made April 15, 1903.

Reqs. plans and ests. for batty of three 6" Armstrong guns, ped. mts., at Fort Adams, to take the place of batty. of three 6" guns, dis. carr., as above.

*. No record in office, ch. E. H. July 27

See 46248

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Subject: Estimate- 3 6" non-disap.guns-Adams.

38-1968

U. S. Engineer Office,

Newport, R. I., September 22, 1903.

Brig. Gen. Geo. L. Gillespie,
Chief of Engineers, U. S. Army,
Washington, D.C.

General:

1. In compliance with your letter of July 24, 1903, (E.D. No. 46247), I have the honor to submit herewith plans and estimates for the construction of emplacements for three 6-inch rapid-fire guns on pedestal mounts at Fort Adams, R. I.

2. The site of the battery is essentially the same as that provided for the three 6-inch guns on disappearing mounts, submitted April 11, 1903.

3. The following is the estimate for the work, being about \$10,000.00 less than the estimate for the disappearing guns:

Material and labor.	Quantity.	Price.	Cost.
Excavation, earth,	4300 cu.yds.	\$ 0.50	\$ 2150
masonry,	1400 " "	1.75	2450
Embankment,	2600 " "	.50	1300
Sodding,	2400 sq."	.50	1200
Crushed stone,	180 cu."	2.50	450
Sand for roadway,	80 " "	1.25	100
Concrete, Portland facing,	250 " "	12.00	3000
Portland,	2500 " "	8.00	20000
Forms,			2750
Brickwork, facing,	5400 sq.ft.	.60	3240
walls,	250 cu.yds.	20.00	5000
Terra cotta tiles,	1400 sq.ft.	.35	490
Waterproofing, (copper),	870 " yds.		3000
Twisted steel bars and I beams,	18000 lbs.	.05	900
Carried forward,			\$ 46030

Material and labor.	Quantity.	Price.	Cost.
Brought forward,			\$46030
Doors and windows,	18	\$90.00	1620
Handrails, iron,	80 ft.	1.80	144
Cast iron corners,	32	10.00	320
Ventilators,	30	6.00	180
Manholes and covers,	5	70.00	350
Speaking tubes and fixtures,			500
Gratings,			100
Anchor plates, bolts and ring bolts,			300
Electric conduits,			450
Drainage,			500
Water supply,			600
Painting,			22
Plant,			2400
Guns, moving and mounting,			1470
			<u>\$54936</u>
Engineering and contingencies, about 10%,			5514
Total,			<u>\$60500</u>

Very respectfully,



Captain of Engrs., U.S.A.

1 inclo. in sep. roll.

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1903

Newport, R. I., Sept. 22, 1903.

46247

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Newport, R. I.,
Sept. 22, 1903.

Letter,
Captain C.F.

compl. with Dept. letter of
Sept. 14, 1903, submits plans and
specifications for empls. for three 6-inch
guns on ped. mts. at Fort
Mifflin, R. I.
Est. cost, \$60,500.

Inc., E.D. (Tracing.)

1. 6. in that file: 27, 28 Sh 155.

Received 97
noted

Mr. French

Sept. 26, 1904 Letter to Lieut. Col. Willard.

RECD. BACK, OFFICE CHIEF OF ENGRS. - AUG 20 1904

inc. 6 accy.
OCT 10 1903

1st

NORTHEAST DIVISION

September 23, 1903.

Respectfully forwarded to the
Chief of Engineers, U. S. Army,
recommended for approval.

Chas. R. Butler
Colonel, Corps of Engineers,
Division Engineer.

51, 1903.
4

Incl. 5 (tr.) in sep. roll.

2d indorsement

Office Chief of Engineers,

U. S. ARMY.

September 28, 1903.

1. Respectfully returned to Captain Gillette, approved.
2. Especial attention must be paid to damp-proofing magazines.
3. Drainage for the speaking tubes between emplacements should be carefully provided.
4. The dimensions showing distance between gun center and parapet, provided for clearance of shield are not given. The minimum distance is given in the Fourth Supplement to Mimeograph No. 40.
5. From the allotment made April 15, 1903, from the appropriation for "Gun and Mortar Batteries," for construction of gun batteries, Act of June 6, 1902, the sum of \$10,000, in Treasury is hereby withdrawn and re-

stored to the appropriation. It is desired to defer work upon these emplacements until an additional appropriation for battery construction is assured, and no further expenditures from the allotment for this battery should be made until authority therefor is received from this office.

6. These papers to be returned.

Respectful of Brig. Gen. Gillette:

Frederic V. Allen
Colonel, Corps of Engineers,

46247
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Incl. 6 in sep. roll.

Through Col. CHAS. R. BUTLER,

Corps of Engineers,

Division Engineer, Northeast Division.

3rd indorsement.

NORTHEAST DIVISION

ENGINEER OFFICE

New York, September 29, 1903.

Respectfully forwarded to Captain Gillette, inviting attention to the preceding indorsement

Chas. R. Butler
Colonel, Corps of Engineers,
Division Engineer.

51, 1903.
4

Incl. 5 (tr.) in sep. roll.

4th indorsement.

U. S. Engineer Office,
Newport, R. I., October 17,
1903.

Respectfully returned to the Chief of Engineers, the second indorsement having been noted. Corrected plans are returned herewith.

Captain of Engrs., U.S.A.

Incl. 46247-6 accomp'g.
38-5143

5th indorsement.

NORTHEAST DIVISION

ENGINEER OFFICE.

New York, Oct. 20, 1903.

Respectfully forwarded to the Chief of Engineers, U. S. Army.

Chas. R. Butler
Colonel, Corps of Engineers,
Division Engineer.
51, 1903
4
Incl. 5 in sep. roll.

OCT 21 1903
RECD. OFFICE CHIEF OF ENGRS.

6th indorsement.

WAR DEPARTMENT,
OFFICE OF THE CHIEF OF ENGINEERS,
WASHINGTON.

August 11, 1904.

1. Respectfully referred to Lieut. Col. J. H. Willard, Corps of Engineers, who is authorized to construct the battery with the funds already allotted.

2. One 6" Armstrong rifle (No. 12138) and carriage (No. 11164) will be sent from Fort Screven, Ga., and a second gun (No. 12137) and carriage (No. 11158) of the same type will be sent from Fort Moultrie, S. C.

3. These papers to be returned.

By command of Brig. Gen. Mackenzie:

Frederick V. Allen
Major, Corps of Engineers.

46247

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Inclo. 6 in sep. roll.

Through Col. CHAS. R. SUTER,

Corps of Engineers.

Division Engineer, Northeast Division.

7th indorsement

NORTHEAST DIVISION

ENGINEER OFFICE.

New York, August 13, 1904.

Respectfully forwarded to Lieut. Colonel Willard, inviting attention to the preceding indorsement.

Chas. R. Suter
Colonel, Corps of Engineers,
Division Engineer.
51/4 - 1903.

Inclo. 5 in sep. roll.

8th indorsement.

U. S. ENGINEER OFFICE,
NEWPORT, R. I., August 18 1904

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

J. H. Willard
Lieut. Col. Corps of Engineers.

Inclo. 46247-6 in sep. roll

REC'D. OFFICE CHIEF OF ENGRS. AUG 20 1904

General:

1. In compliance with requirements of the General Regulations of the War Department, the following papers are forwarded to the General:

Subject: Battery construction at Fort Adams, R.I.

U. S. Engineer Office,

Newport, R. I., June 25, 1904.

Brig. Gen. Alexander Mackenzie,

Chief of Engineers, U. S. Army,

Washington, D. C.

General:

1. I have the honor to invite attention to the subject of building three emplacements for 6-inch guns at Fort Adams, R.I., provided for in the report of the Board of Engineers of December 8, 1902.

2. Estimates were submitted for three 6-inch guns on disappearing carriages and \$70,300.00 was allotted April 15, 1902, (E.D.46247-1).

3. A second estimate was submitted September 22, 1903, for three emplacements for 6-inch Armstrong guns, on pedestal mounts, one gun to be transferred from Fort Greble and two to be supplied from some other district. This estimate was about \$10,000 less than the first, being \$60,500, whereupon \$10,000 was withdrawn from the funds allotted and construction of the emplacements suspended, E.D.46247-5.

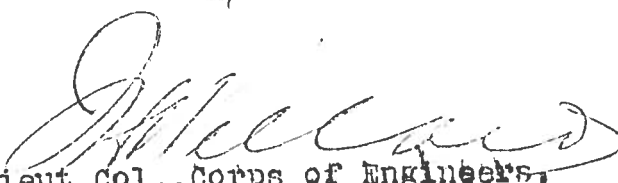
4. Excavation for emplacements for two 15-pdr. guns at Fort Adams is practically done, and their construction may go forward, but it would seem best to delay until the 6-inch battery is decided upon, both to save moving the plant back and forth and probably to get better terms in buying material for both batteries, on the same call for bids.

5. I have the honor, therefore, to ask if the work shall be undertaken this season, and for definite instructions as to the style of battery to be built.

6. If the 6-inch emplacements are not to be constructed this season, I recommend that the 15-pounder battery be not undertaken.

Very respectfully,

Your obedient servant,


Lieut. Col., Corps of Engineers.

OFFICE OF CHIEF OF ENGINEERS

46247

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WAR DEPARTMENT

Newport, R.I.,
June 25, 1904.

ILLARD,

LT. COL. J. H.

Invites attention to the subject of building 3 emplacements or 6-inch guns at Ft. Adams, R.I., asks if the work shall be undertaken this season, and for definite instructions as to the style of battery to be built, and recommends, if the emplacements are not to be constructed this season, that the 15-pounder battery be not undertaken.

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WAR DEPARTMENT,
UNITED STATES ENGINEER OFFICE,
NEWPORT, R. I.

March 28, 1906.

Brig. Gen. Alexander Mackenzie,
Chief of Engineers, U.S. Army,
Washington, D.C.

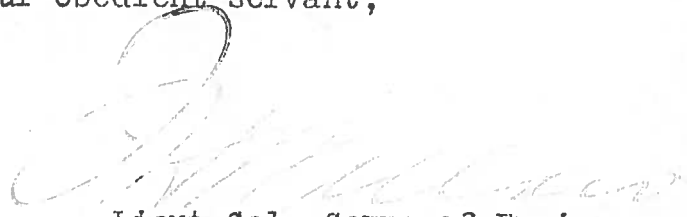
General:

1. I have the honor to make the following report upon the armament of Battery Bankhead, Fort Adams, R.I., in order to give a fuller answer to your inquiry of March 20 about gun numbered 12138 and carriage stated to be number 11168, E.D. 36780.
 2. The plan of the battery was changed to utilize three Armstrong 6" guns, one from Fort Greble, one from Fort Moultrie and one from Fort Screven.
 3. The gun about which inquiry is made came from Fort Screven with invoices giving gun number 12138 and carriage 11168. The gun number 12138 is correct, but the carriage number was covered with paint and was presumed to be correctly stated in the invoices. Since the receipt of your letter, the paint has been scraped off carefully and the carriage number has been found to be 11160. The gun is mounted in emplacement No. 1.
 4. The others have been reexamined and the carriage from Fort Grebb, mounted in emplacement No. 3 was found to be number 11159 instead of 11163, which was the shield number and also the mount number given incorrectly in the invoice.
 5. The numbers of mounts, guns and shields are given correctly in the following table:
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Emplacement No.	Gun No.	Carriage No.	Shield No.
1	12138	11160	11158
2	12137	11158	11164
3	12134	11159	11163

Very respectfully,

Your obedient servant,



Lieut. Col., Corps of Engineers.

OFFICE OF CHIEF OF ENGINEERS

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MAR 29 1906
367.8:0
20
WAR DEPARTMENT.

Newport, R. I.,
Mar. 28, 1906.

Willard,
Lt. Col. J. H.

Makes report upon the armament
of Battery Bankhead, Ft. Adams, R. I.,
in order to give a fuller answer
to E. D. inquiry of Mar. 20/06, about
Gun numbered 12138 and carriage
stated to be number 11166, etc.

Note file

Notice
file