

REPORT OF COMPLETED WORKS

(Battery Plan)

Corrected to Dec 1, 1925

FORM NO. 7

HARBOR DEFENSES OF NARRAGANSETT BAY
FORT GREBLE, R.I.
BATTERY HALE

No of Guns - 3

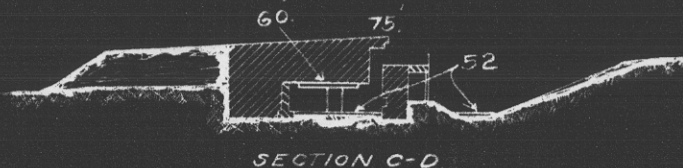
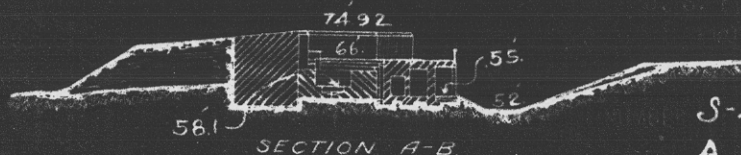
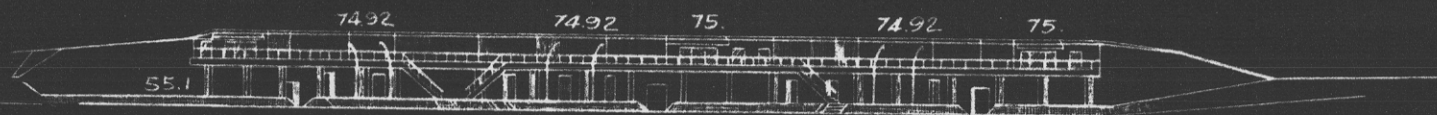
Caliber - 10 in.

Carriage - Dis.

10' 20' 40' 60' 80' 100' 120' 140' 160' 180' 200'



NOTE: - Elev referenced to Local Datum
which is 1.31' below M.L.W.



REPORT OF COMPLETED WORKS

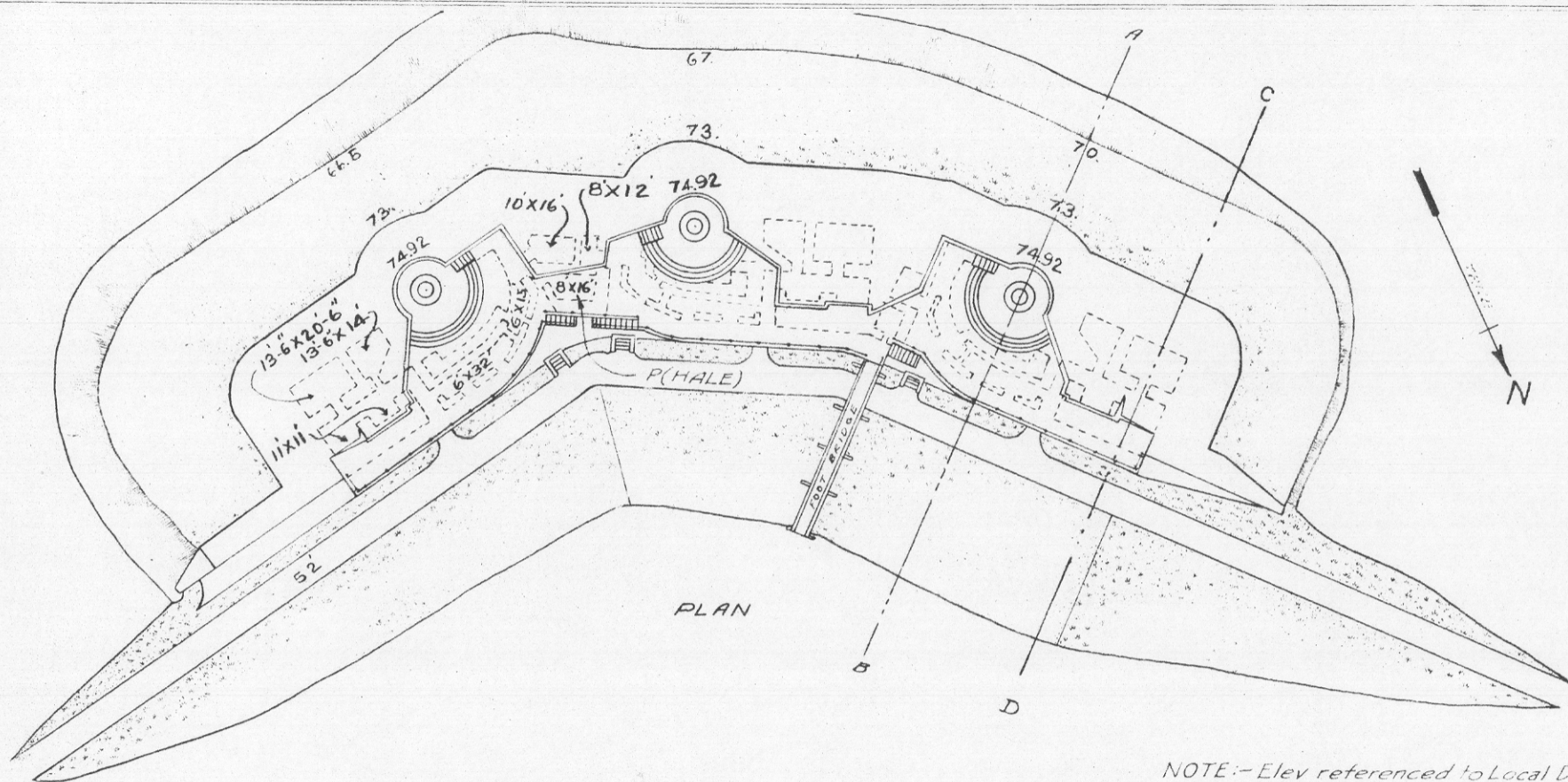
(Battery Plan)

Corrected to Dec. 1, 1925

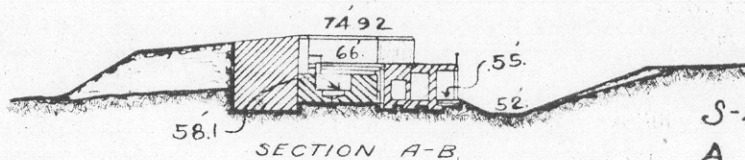
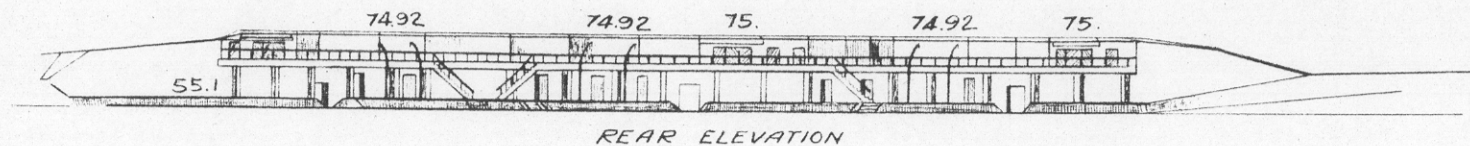
FORM NO. 7

HARBOR DEFENSES OF NARRAGANSETT BAY
FORT GREBLE, R.I.
BATTERY HALE

No. of Guns - 3 Caliber - 10 in. Carriage - Dis.
10' 0" 20' 40' 60' 80' 100' 120' 140' 160' 180' 200' 220'

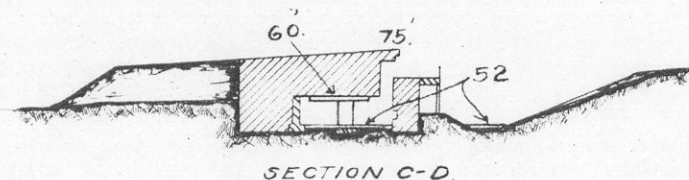


NOTE:- Elev referenced to Local Datum
which is 131' below M.L.W.



S-43
A

9
1



REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire Control or Torpedo Structures)

HARBOR Narragansett Bay
COAST DEFENSES OF Greble, R.I.
FORT Plotting room
STRUCTURE P(Hale)

Form 2. Corrected to December 1, 1925.

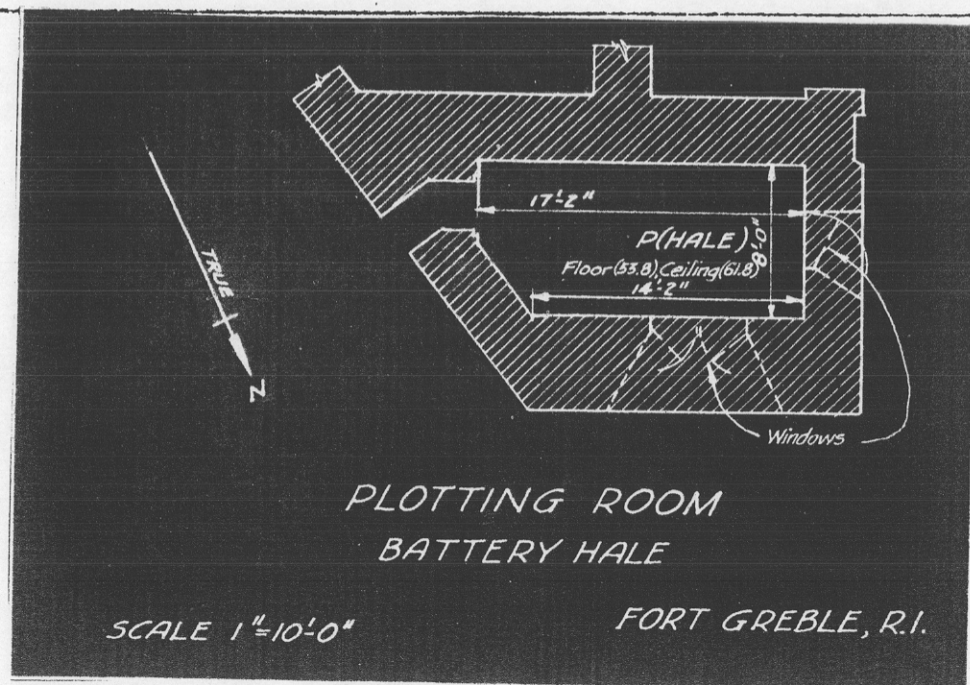
Location In Battery Hale Emplacement between Guns Type of data transmission Telephones
No. 3 and No. 2.

Date of transfer Room modified Dec. 1913. Date of transfer _____
Cost to that date \$480. for modification Cost of data transmission _____
Type of construction Room in battery equipment _____
(a) Roof Reinforced concrete For tide stations give descrip-
(b) Remainder of bldg. Concrete walls & floor tion of tide gauge _____
How concealed Incorporated in battery For datum points give Forts
from which visible _____
How protected " " " For dormitories give
stations served _____
For cable hut give
S. C. type _____

Height above concealment 0
Height above protection 0
Conspicuous at _____ yards. Not conspicuous
Source of electric current Empl. Plant, Battery Mitchell
Kilowatts required 0.2
Type of lighting fixtures E.D. standard
How heated Not heated
Connected to water mains No
Connected to sewer No
Type of latrine None
Permanent or temporary
installation Permanent
Present condition Good

Reference of site Floor 53.8' above M.L.W.
Reference of instrumental
axis. -
Type of observing inst. -
Type of plotting board 180° W.H. Mod. 1904

Type and capacity of crane -
Max. dimensions of reel
handled -



* See Fort Index Plat, Rev. of Apr. 4, 1938;
" symbol now shown as ○

REPORT OF COMPLETED WORKS

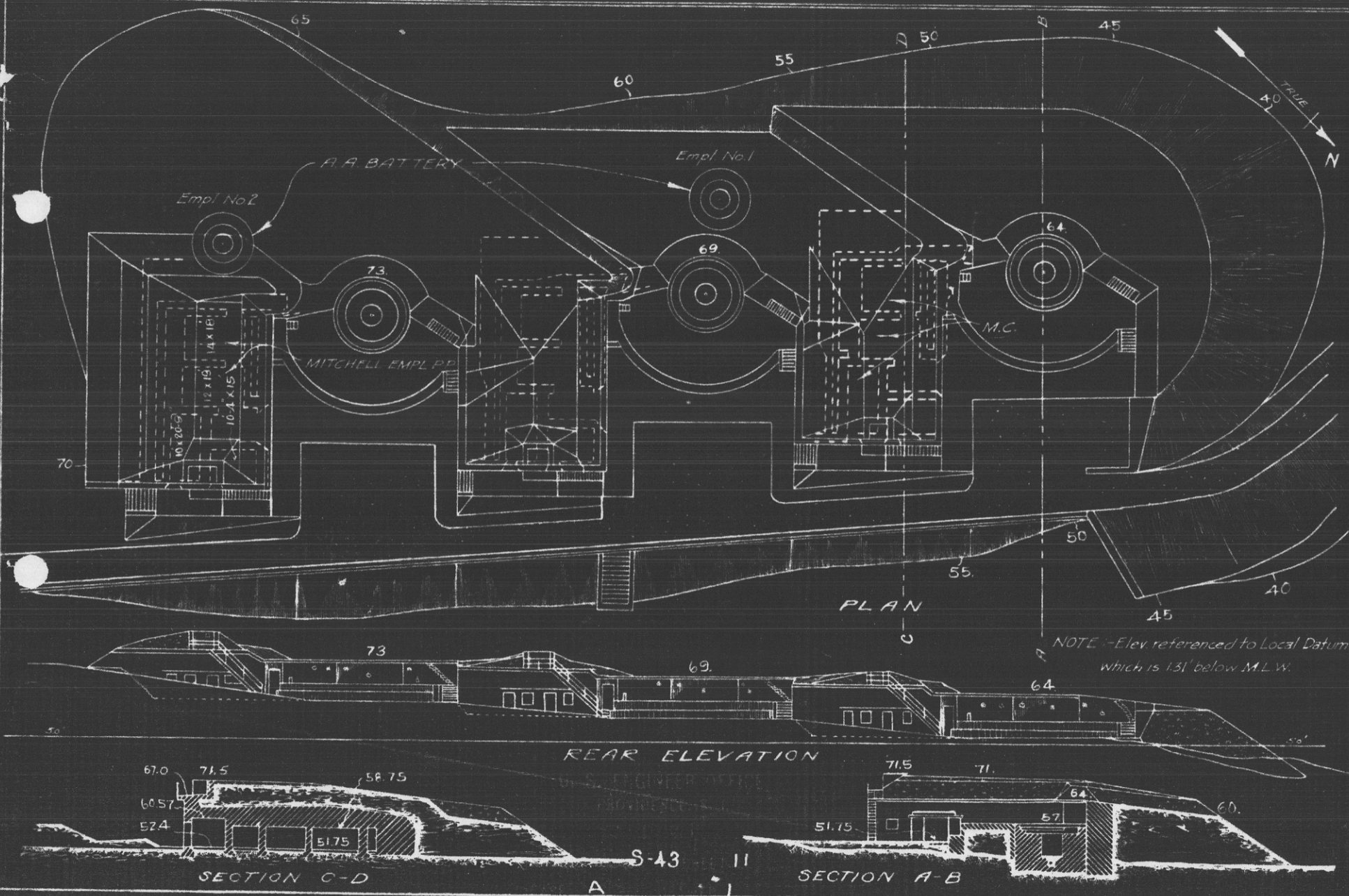
(Battery Plan)

Corrected to Dec. 1, 1925

FORM NO. 7

HARBOR DEFENSES OF NARRAGANSETT BAY
FORT GREBLE, R.I.
BATTERY MITCHELL

No. of Guns-3 Caliber-6in. Carriage-Dis. 120'



REPORT OF COMPLETED WORKS

(Battery Plan)

Corrected to Dec. 1, 1925

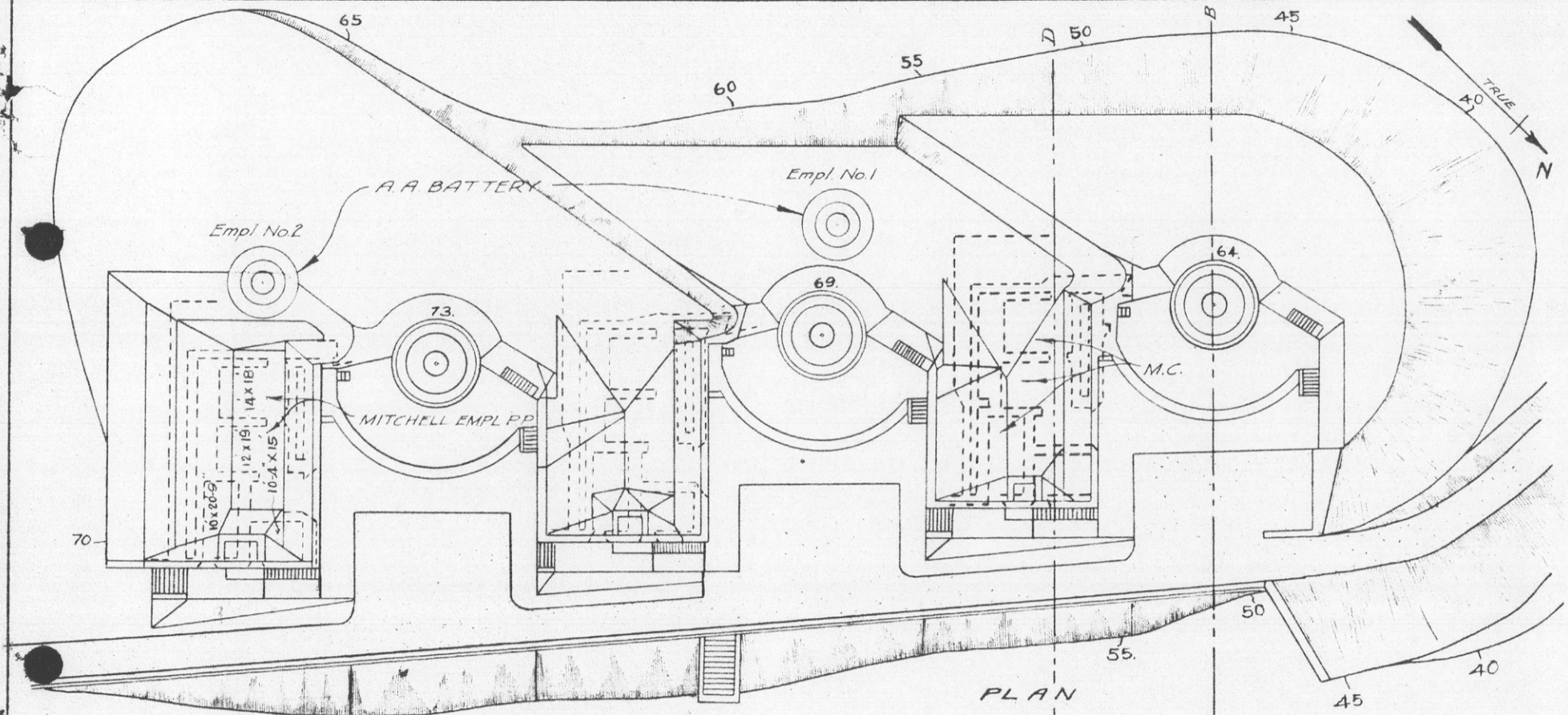
FORM NO. 7.

HARBOR DEFENSES OF NARRAGANSETT BAY

FORT GREBLE, R.I.

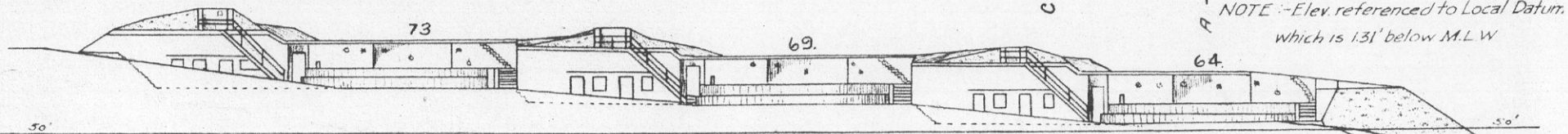
BATTERY MITCHELL

No. of Guns-3 Caliber-6in. Carriage-Dis. 120'



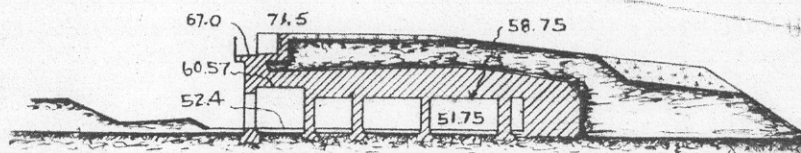
NOTE: Elev. referenced to Local Datum, which is 1.31' below M.L.W.

PLAN

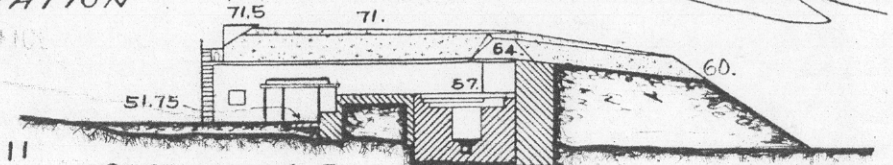


REAR ELEVATION

U.S. ENGINEER OFFICE
PROVIDENCE



SECTION C-D



SECTION A-B

S-43

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REPORT OF COMPLETED WORKS- SEACOAST FORTIFICATIONS
(Electric Plants)

HARBOR
~~COAST~~ DEFENSES OF
FORT
POWER FOR

Narragansett Bay
Greble, R. I.
Battery Mitchell Emplacement Power
Plant.

Form 5.

Corrected to: Dec. 1, 1925.

	Serial No.	Type	Size	Manufacturer	Date of transfer	Cost	Condition	RPM	Belt or direct drive	Radiator for Engine No.	Fuel	Switchboards	
												Material	No. of panels.
Boiler No. 1													
No. 2													
No. 3													
Engine No. 1	11090	GM 12	43/54HP	Gen.Elec.Co.	Aug.30/21		Good	560	Direct		Gas.		
No. 2	11089	GM 12	43/54HP	Gen.Elec.Co.	Aug.30/21		Good	560	Direct		Gas.		
No. 3													
Generator													
No. 1	448890	MPC 6	25 KW	Gen.Elec.Co.	Aug.30/21	Total cost \$10,791.96	Good	560	Direct				
No. 2	448889	MPC 6	25 KW	Gen.Elec.Co.	Aug.30/21		Good	560	Direct				
No. 3													
Radiator													
No. 1	10383	FF 54		Gen.Elec.Co.	Aug.30/21		Good			11090			
No. 2	10384	FF 54		Gen.Elec.Co.	Aug.30/21		Good			11089			
No. 3													
Motor-generator													
No. 1													
No. 2													
No. 3													
Onboard	428	Std.		Walker Elec.Co.	Aug.30/21		Good					Marble	3
	470	Std.		Carleton-Mace Engr.Corp.	Aug.30/21		Good					Marble	1
Storage Battery													
Transformer													
No. 1													
No. 2													
No. 3													
Auxiliaries													
(Motor) No. 1	674562	CVC112	3 HP	Gen.Elec.Co.	Aug.30/21		Good	1150	Direct	11090			
No. 2	674563	CVC112	3 HP	Gen.Elec.Co.	Aug.30/21		Good	1150	Direct	11089			
No. 3													

DISTRIBUTION OF K.W. Battery Mitchell: 4.3; Battery Ogden, 0.6; Battery Hale, 36.0; M'-M' & Old C, 1.2; F.C. Structures, 0.25; 1-24" Searchlight, 5.75; 2-30" Searchlights, 18.0; Total 66.1

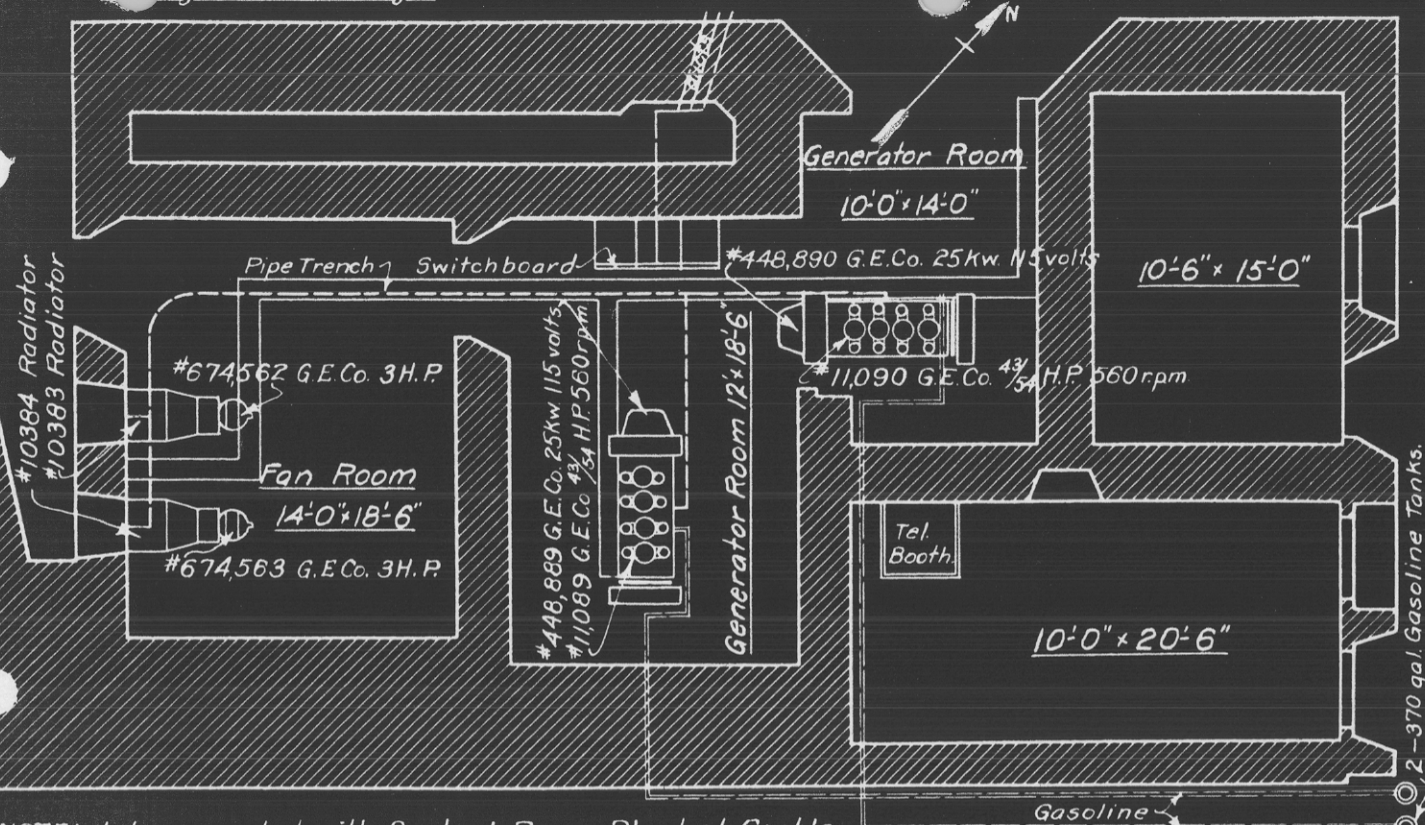
NOTE: Interconnected with Battery Sedgwick emplacement plant.

① See 1st Ind., 675.1 (1st C.A.) 1 - Eng. #11090 + Eng. #11089 will be put in storage.

② See basic letter & 1st Ind., 675.1 (Narr. Bay) 57- 'Dismantling & storing 25 KW sets during March 1939'.

FORT GREBLE, R.I.
POWER PLANT BATTERY MITCHELL

ings are 7'-0" high



NOTE:- Interconnected with Central Power Plant at Greble.

2 - 370 gal. Gasoline Tanks.

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire Control or Torpedo Structures)

Form 2. Corrected to July 23, 1923.

COAST DEFENSES OF Narragansett Bay
FORT Greble, R. I.
STRUCTURE Mining casemate

Battery Mitchell

Location In Battery Mitchell, Emp. No. 1. Type of data transmission Telephones

Date of transfer July 6, 1923. Date of transfer _____

Cost to that date \$5964.49 Cost of data transmission _____

Type of construction _____ equipment _____

(a) Roof Reinforced concrete; earth cover. For tide stations give descrip-
tion of tide gauge _____

(b) Remainder of bldg. Concrete; white brick lining. For datum points give Forts
from which visible _____

How concealed Incorporated in battery. For dormitories give
stations served _____

How protected Incorporated in battery. For cable hut give
S. C. type _____

Height above concealment None

Height above protection None

Conspicuous at _____ yards. not conspicuous.

Source of electric current Battery Mitchell Emp. Plant & casemate generator.

Kilowatts required 1.0

Type of lighting fixtures Wall; watertight.

How heated Local Hot Water System

Connected to water mains Yes

Connected to sewer Yes

Type of latrine Syphon jet.

Permanent or temporary installation Permanent

Present condition Good

Reference of site Floor 50.44' above M.L.W.

Reference of instrumental axis _____

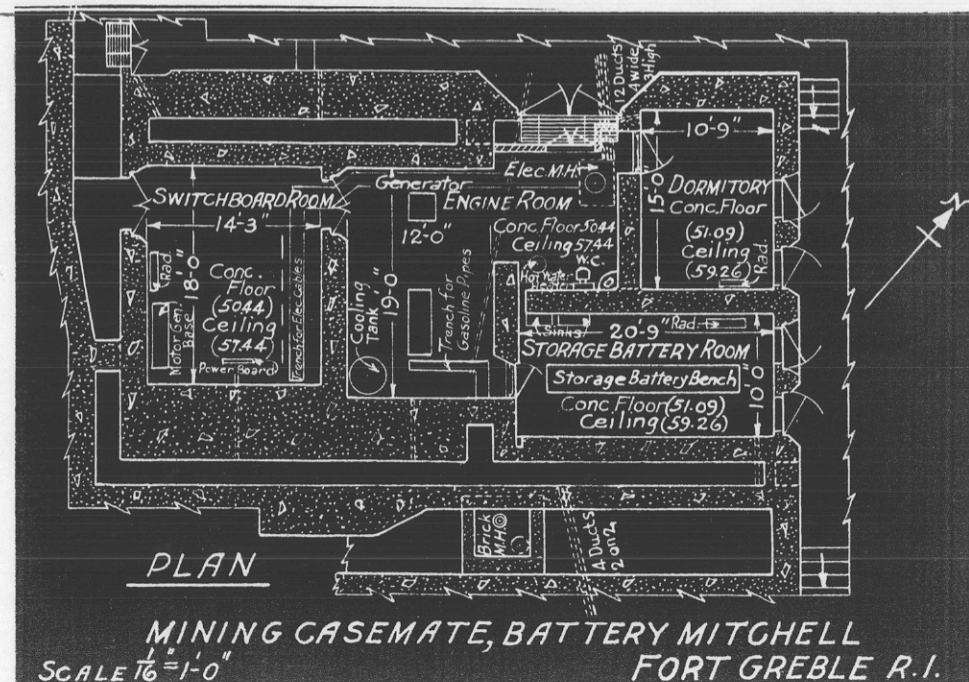
Type of observing inst. _____

Type of plotting board _____

Type and capacity of crane _____

Max. dimensions of reel _____

handled _____



* See Fort. Index Plat, Rev. of Apr 4, 1938;
"Symbol removed from plat".

[illegible]

REPORT OF COMPLETED WORKS

(Battery Plan)

Corrected to Dec. 1, 1925

FORM NO. 7

HARBOR DEFENSES OF NARRAGANSETT BAY

FORT GREBLE, R.I.

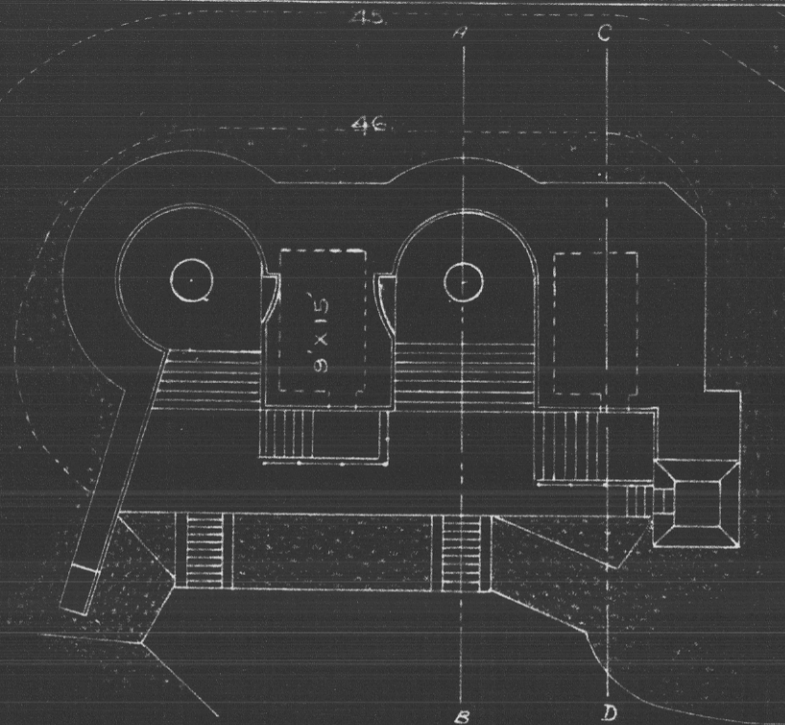
BATTERY OGDEN

No. of Guns - 2

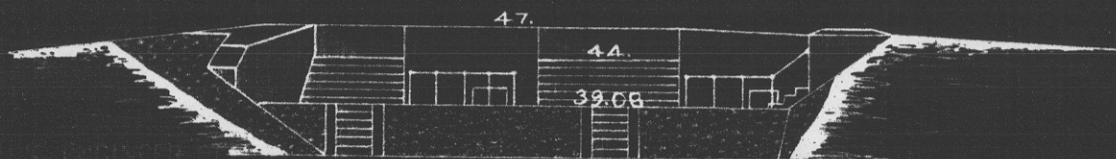
Caliber 3 in.

Carrage Ped Mt.

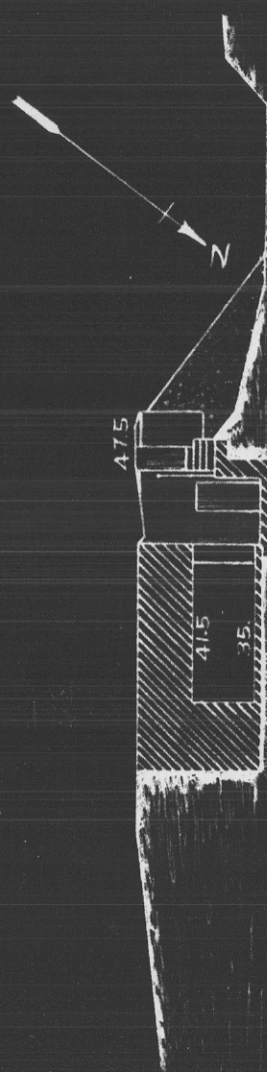
20 0 20 40 60



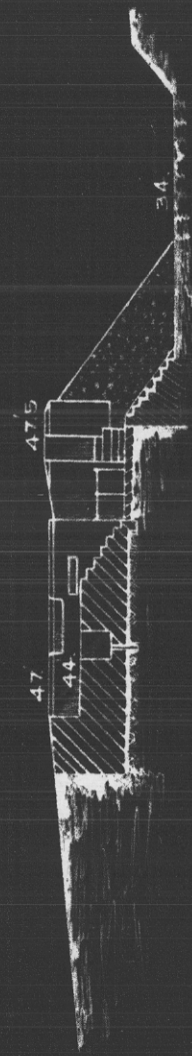
PLAN



REAR ELEVATION



SECTION C-D



SECTION A-B

NOTE: Elev. referenced to Local Datum which is 1.31' below M.L.W.

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A

1

REPORT OF COMPLETED WORKS

(Battery Plan)

Corrected to Dec. 1, 1925

FORM NO. 7

HARBOR DEFENSES OF NARRAGANSETT BAY

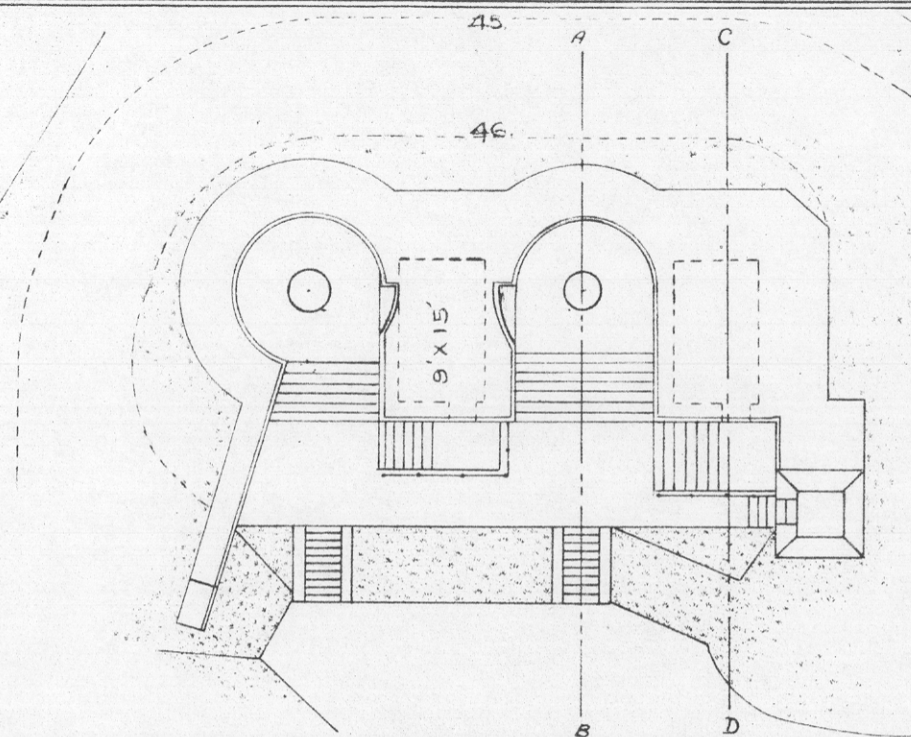
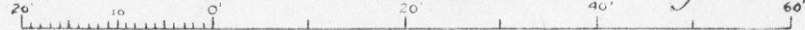
FORT GREBLE, R.I.

BATTERY OGDEN

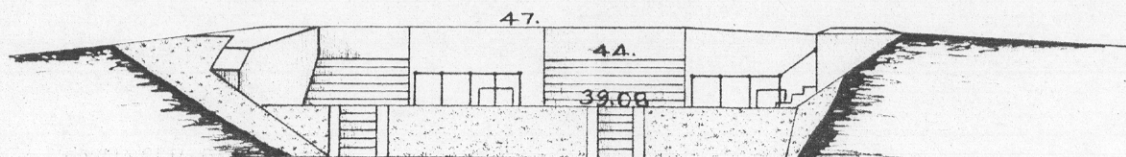
No. of Guns - 2

Caliber - 3 in.

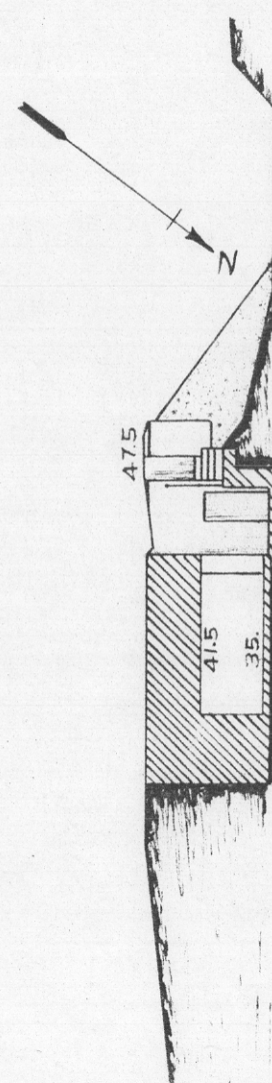
Carriage Ped Mt.



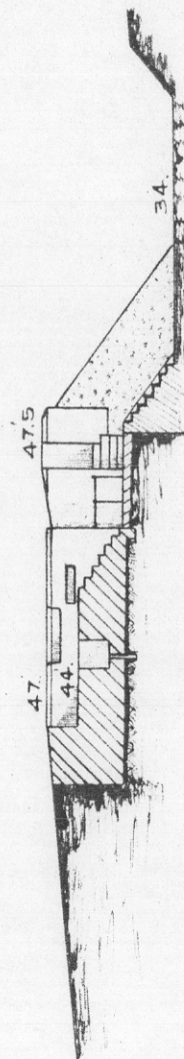
PLAN



REAR ELEVATION



SECTION C-D



SECTION A-B

S-43

8

A

1

NOTE: Elev. referenced to Local Datum which is 1.31' below M.L.W.

REPORT OF COMPLETED WORK

(Battery Plan)

Corrected to Dec. 1, 1925

FORM NO. 7.

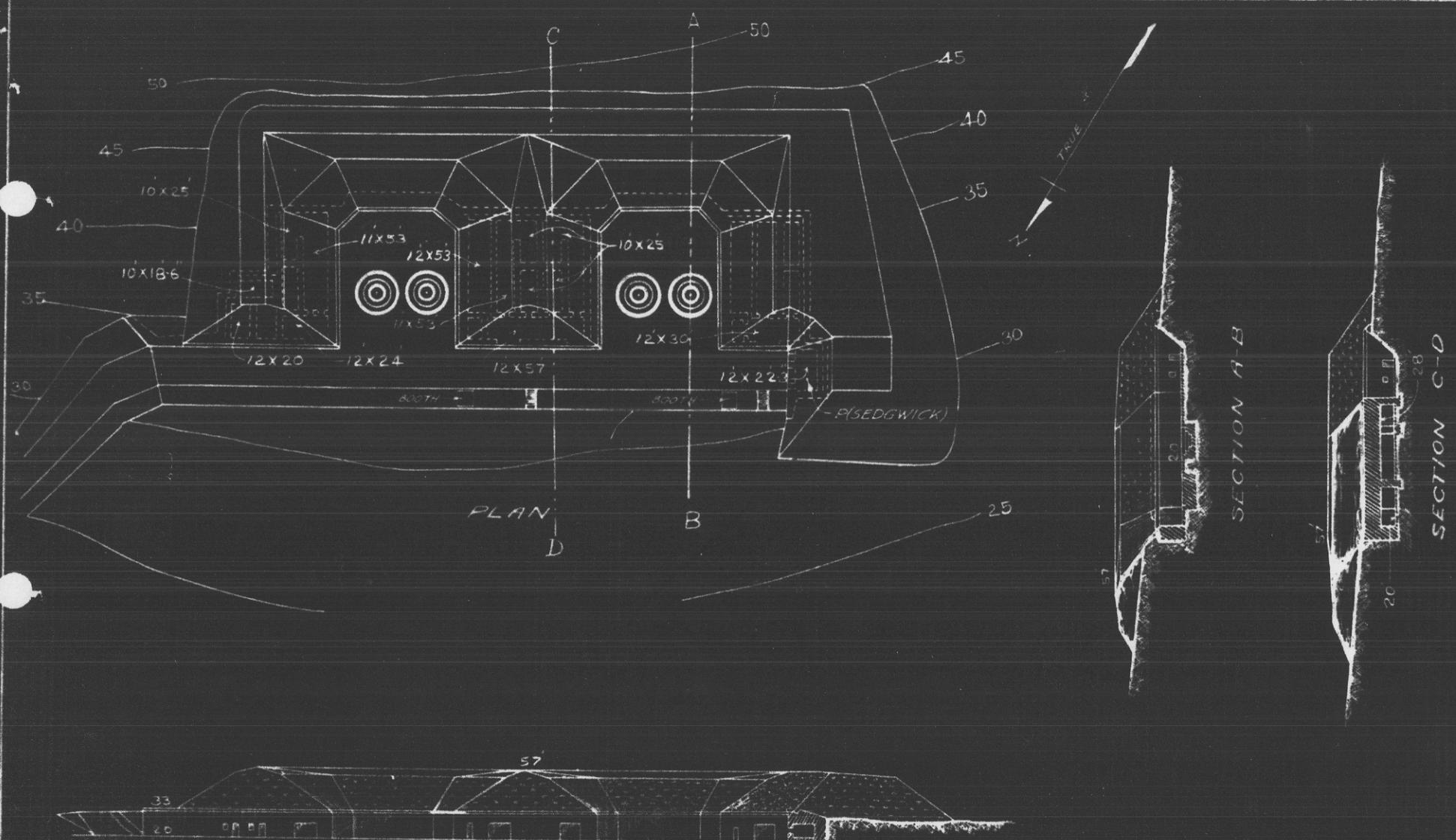
HARBOR DEFENSES OF NARRAGANSETT BAY

FORT GREBLE, R.I.

BATTERY SEDGWICK

No. of Guns - 4 Caliber - 12" Carriage - Mör

10 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300



REAR ELEVATION

NOTE: - Elev. referenced to Local Datum which is 131' below M.L.W.

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A

I

REPORT OF COMPLETED WORK

(Battery Plan)

Corrected to Dec. 1, 1925

FORM NO. 7

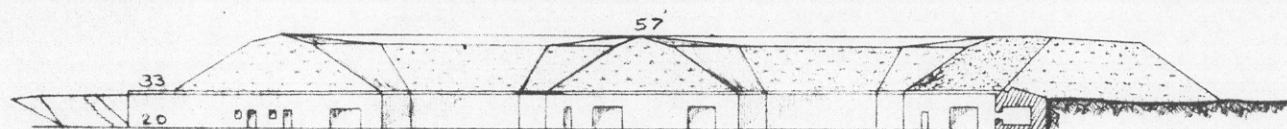
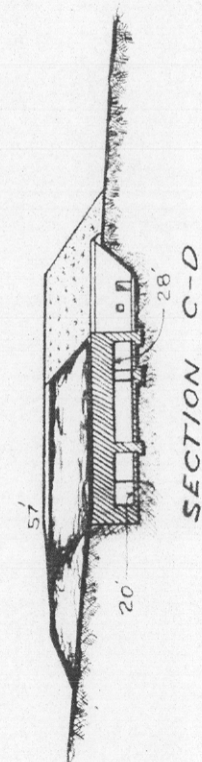
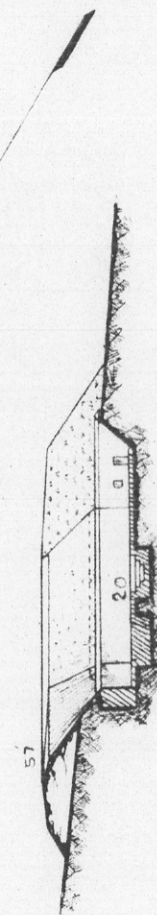
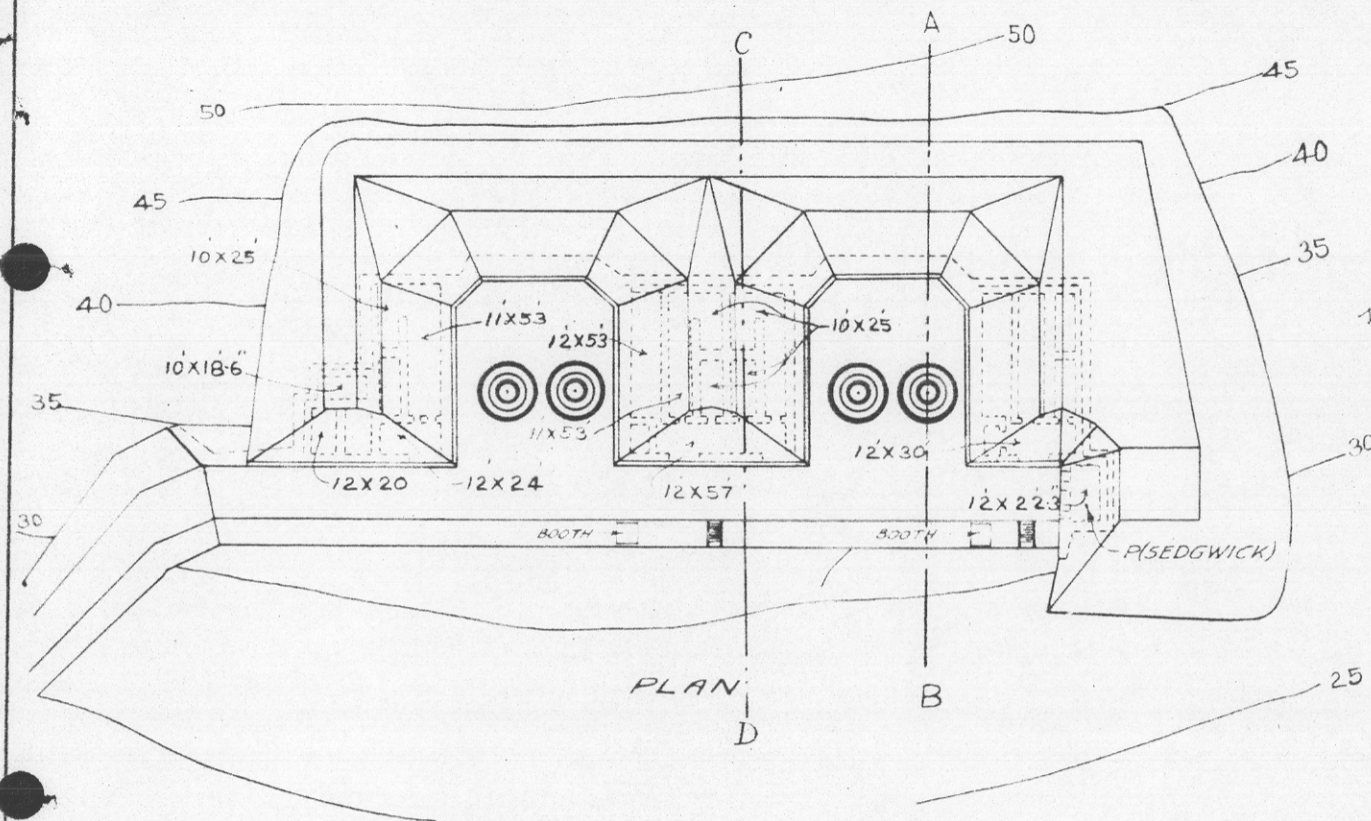
HARBOR DEFENSES OF NARRAGANSETT BAY

FORT GREBLE, R.I.

BATTERY SEDGWICK

No. of Guns-4 Caliber-12" Carriage-Mor

0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300



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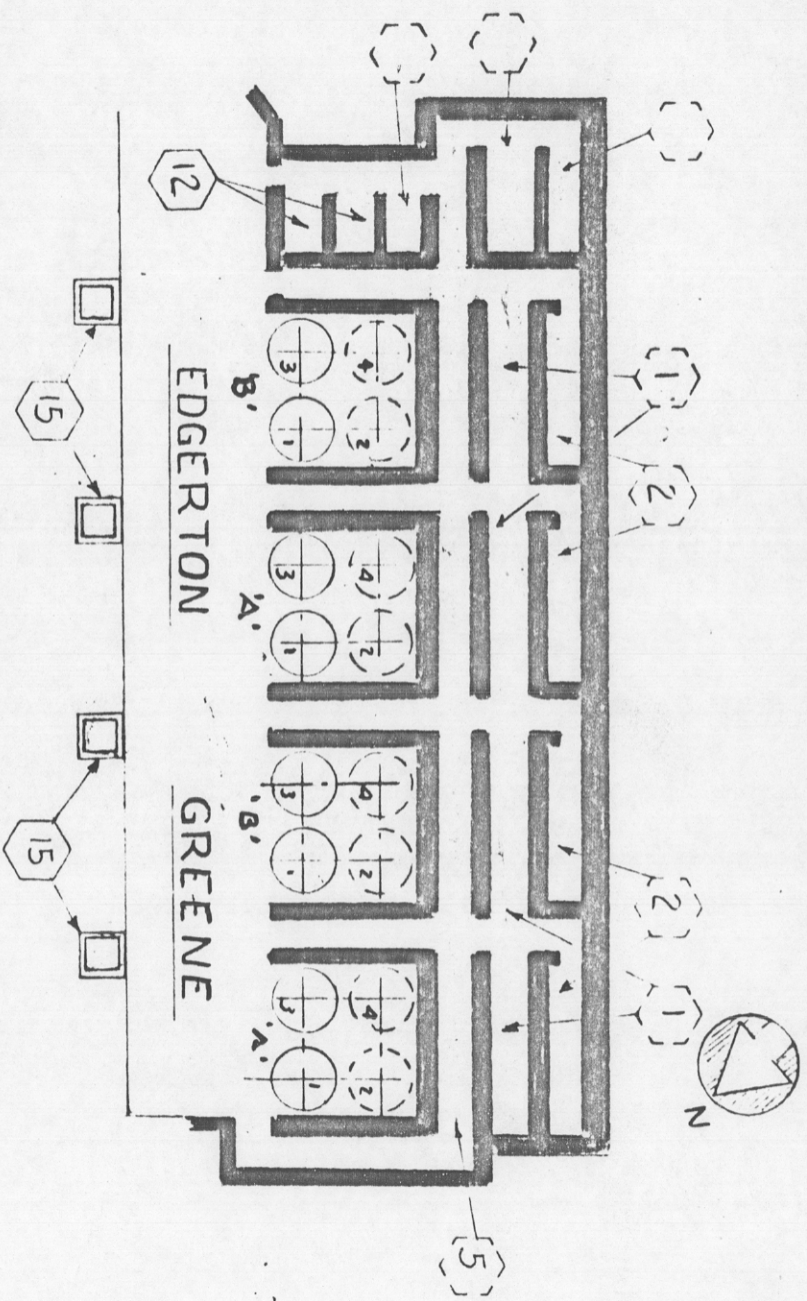
A

10

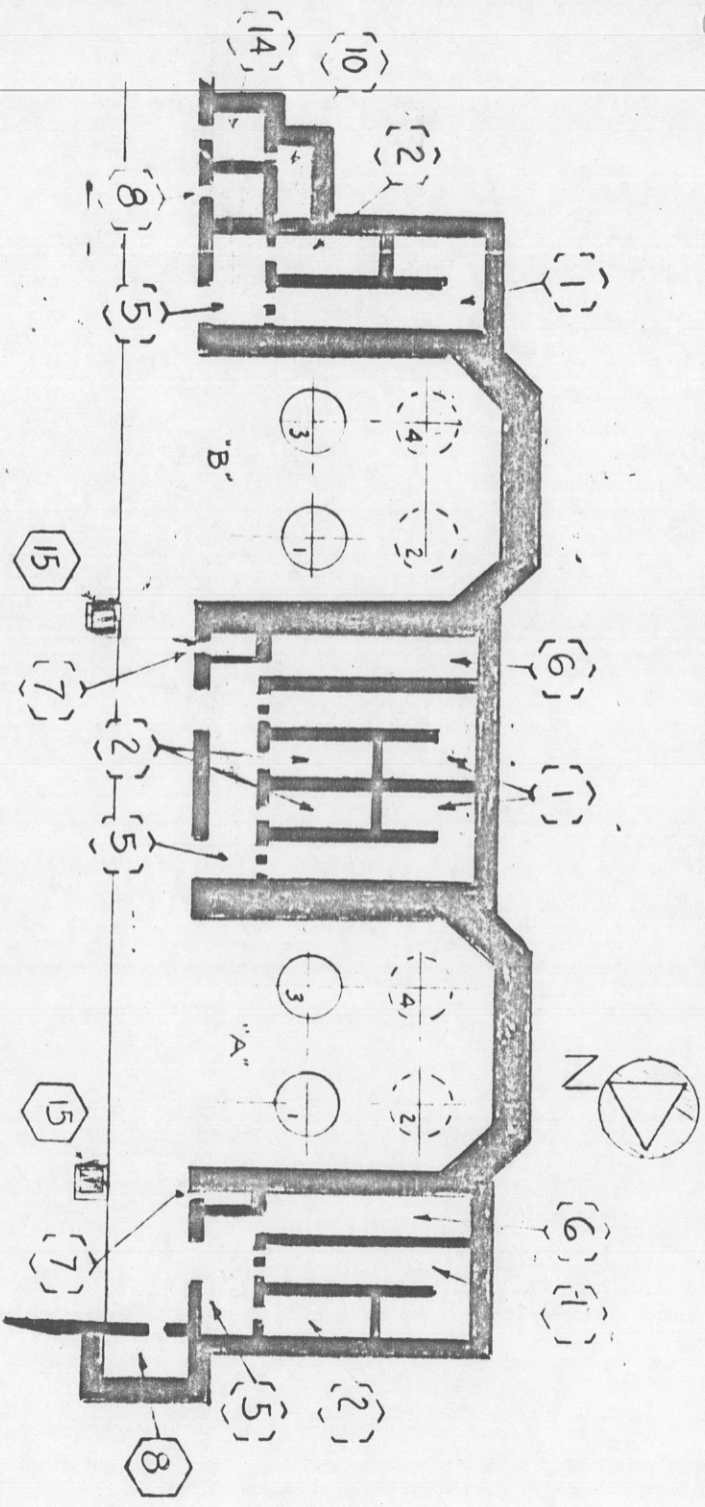
1

REAR ELEVATION

NOTE: Elev referenced to Local Datum which is 1.31' below M. W.



BATTERY EDGERTON-GREENE ~ FORT ADAMS, R.I.



BATTERY SEDGWICK ~ FORT GREBLE, R.I.

1B

6B

1R

2M

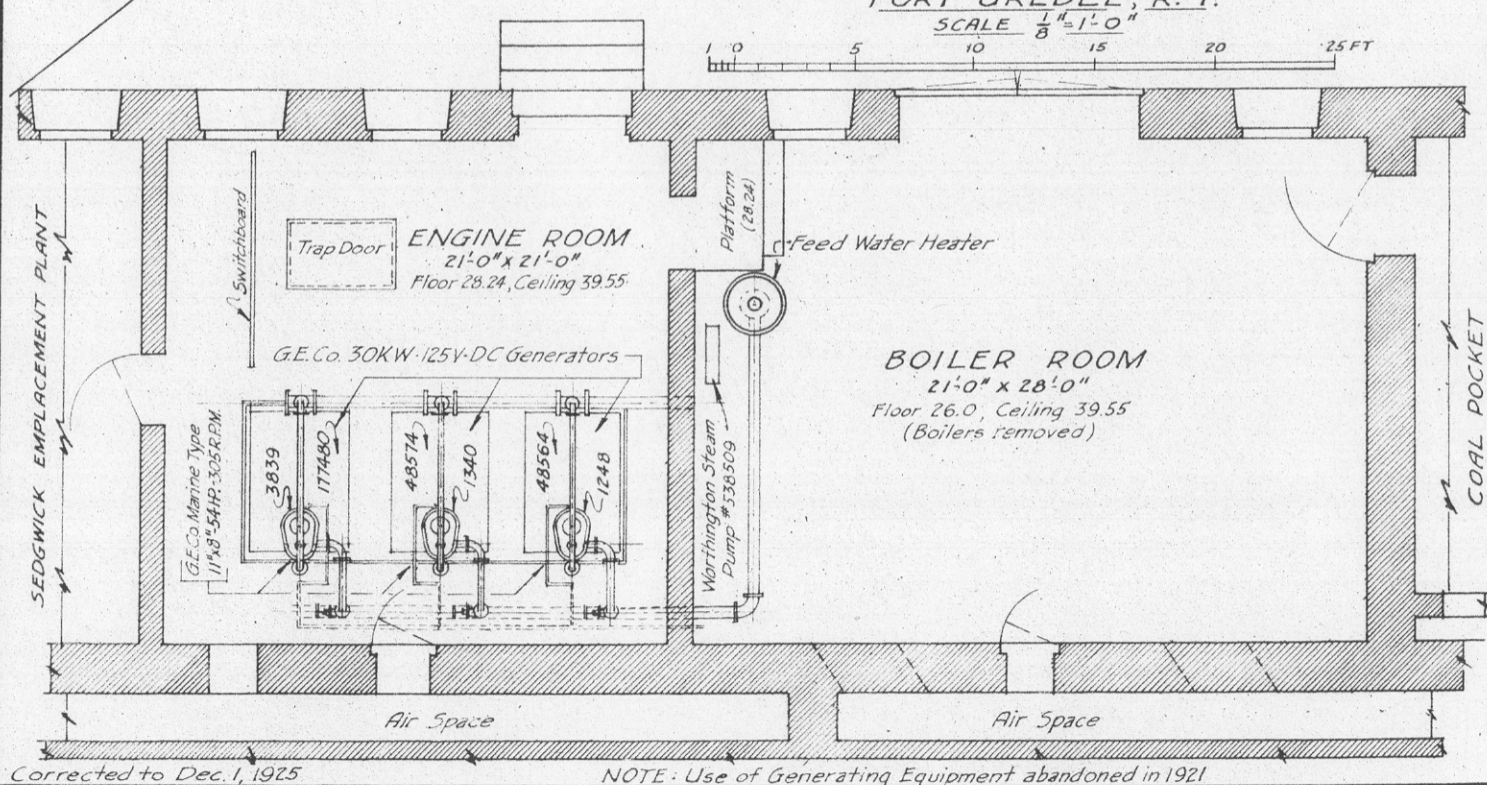
1P

6B

1T

REPORT OF COMPLETED WORKS (FORM 5A)

HARBOR DEFENSES OF NARRAGANSETT BAY
CENTRAL ELECTRIC PLANT (OBSOLETE)
LEFT FLANK BATTERY SEDGWICK
FORT GREBLE, R. I.

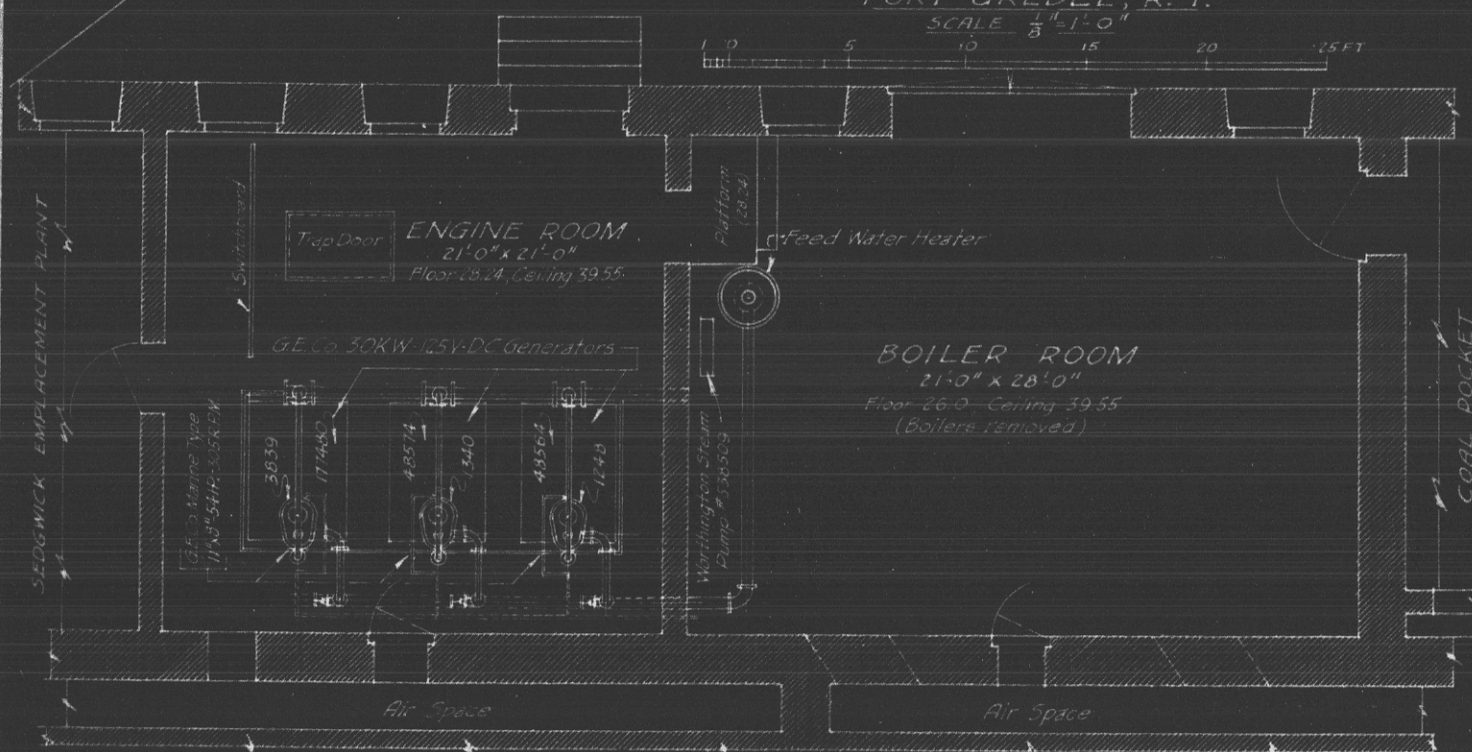


REPORT OF COMPLETED WORKS (FORM 5A)

HARBOR DEFENSES OF NARRAGANSETT BAY
CENTRAL ELECTRIC PLANT (OBSOLETE)

LEFT FLANK BATTERY SEDGWICK
FORT GREBLE, R. I.

SCALE $\frac{1}{8}" = 1'-0"$



Corrected to Dec. 1, 1925

NOTE: Use of Generating Equipment abandoned in 1921

REPORT OF COMPLETED WORKS (FORM 5A)

HARBOR DEFENSES OF NARRAGANSETT BAY

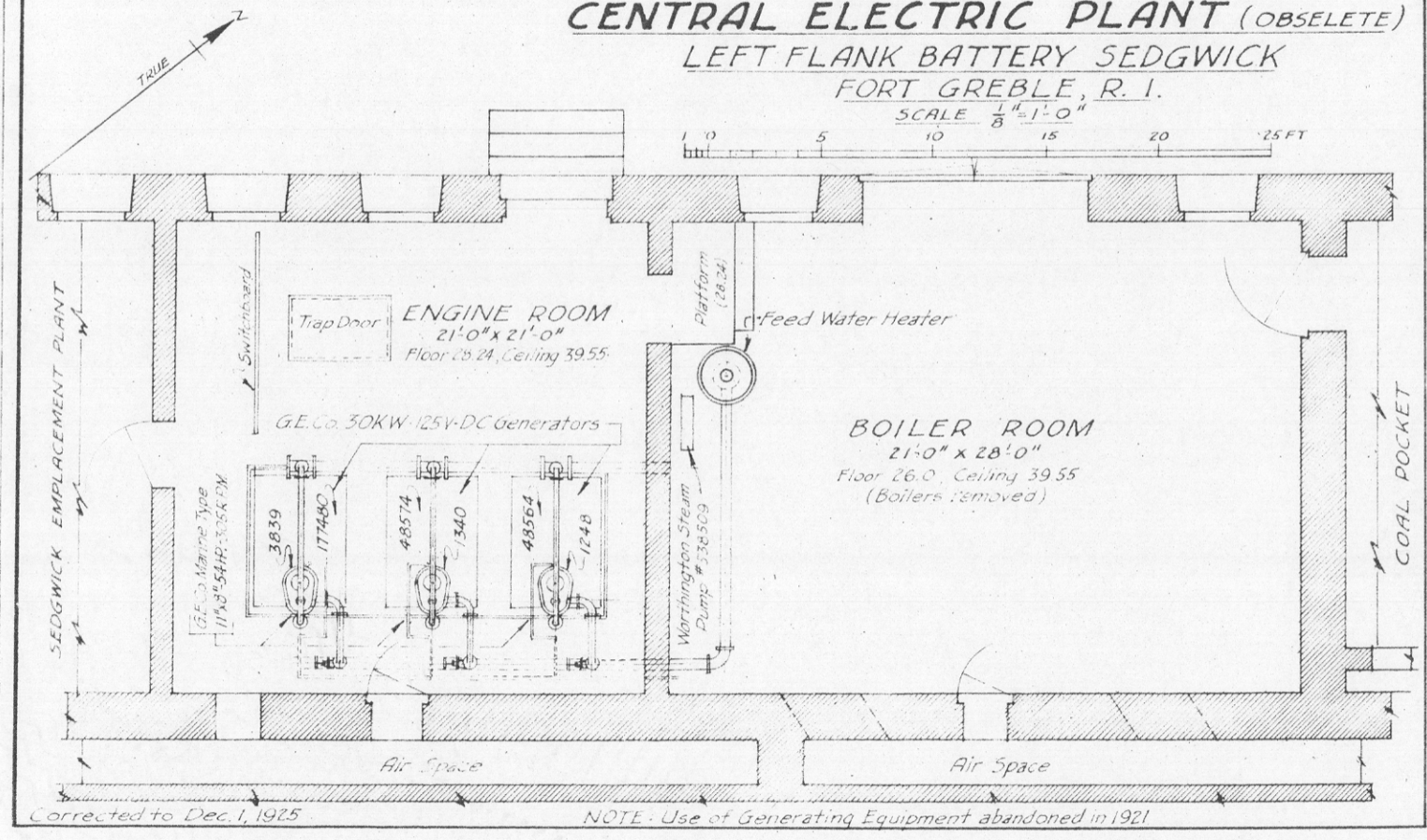
CENTRAL ELECTRIC PLANT (OBSOLETE)

LEFT FLANK BATTERY SEDGWICK

FORT GREBLE, R. I.

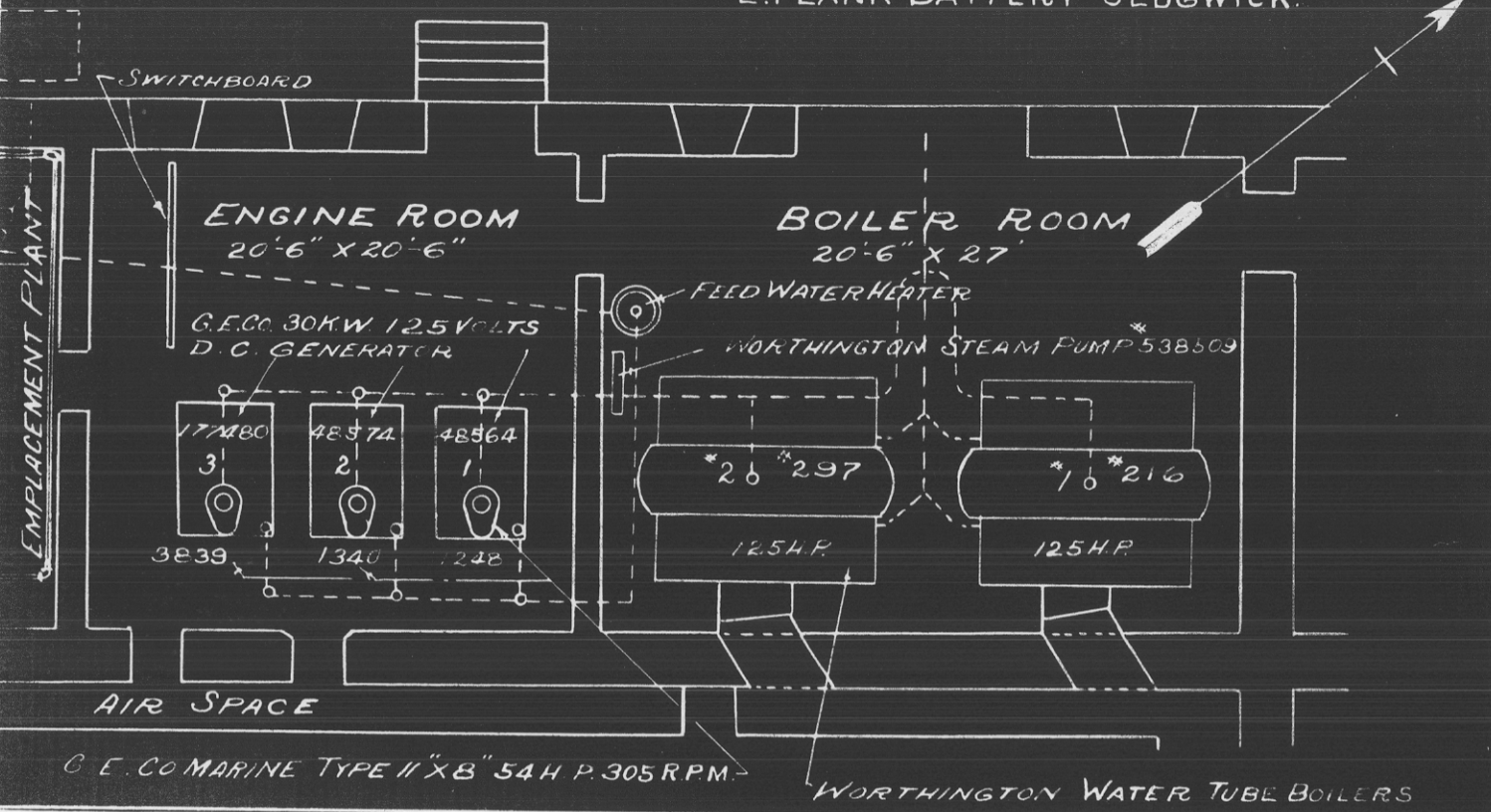
SCALE $\frac{1}{8}" = 1'-0"$

1 0 5 10 15 20 25 FT



NOTE INTERCONNECTED WITH
BATTERY MITCHELL EMPLACEMENT
POWER PLANT

FORT GABLE R. I.
CENTRAL ELECTRIC PLANT
L. FLANK BATTERY SEDGWICK.



REPORT OF COMPLETED WORKS- SEACOAST FORTIFICATIONS
(Electric Plants)

HARBOR
~~COAST~~ DEFENSES OF
FORT
POWER FOR

Narragansett Bay
Greble, R. I.
Battery Sedgwick Emplacement Plant

Form 5.

Corrected to: December 1, 1925.

	Serial No.	Type	Size	Manufacturer	Date of transfer	Cost	Cond- ition	RPM	Belt or direct drive	Radiator for Engine No.	Fuel	Switchboards	
												Mat- erial	No. of panels.
Boiler No. 1													
No. 2													
No. 3													
Engine No. 1	11082	GMI2	43/54HP	Gen.Elec.Co.	Jan.11/21		Good	560	Direct		Gas.		
No. 2													
No. 3													
Generator													
No. 1	448882	MP06	25KW	Gen.Elec.Co.	Jan.11/21	Total cost \$5,395.98	Good	560	Direct				
No. 2													
No. 3													
Radiator													
No. 1	10376	FF54		Gen.Elec.Co.	Jan.11/21		Good			11082			
No. 2													
No. 3													
Motor-generator													
No. 1													
No. 2													
No. 3													
Switchboard	233	Std.		Westinghouse Elec.Mfg.Co.	Jan.11/21		Good					Slate 1	
Storage Battery													
Transformer													
No. 1													
No. 2													
No. 3													
Auxiliaries													
Motor) No. 1	673028	CVG112	3 HP	Gen. Elec.Co.	Jan.11/21		Good	1150	Direct				
No. 2													
No. 3													

DISTRIBUTION OF K.W. Interconnected with Battery Mitchell Emplacement Plant.

Battery Sedgwick 5.6

① See 1st Ind., 675.1 (1st C.A.) 1 - Eng. "11082 will be put in storage.

② See basic letter & 1st Ind., 675.1 (Narr. Bay) 57 - "Dismantling & storing 25 KW set during March 1939".

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Electric Plants)

HARBOR DEFENSES OF
FORT
POWER FOR

Narragansett Bay

Greble, R. I.

Fortifications - Central Power Plant.

Obsolete - boilers removed.

Form 5.

Corrected to Dec. 1, 1925.

	Serial No.	Type	Size	Manufacturer	Date of transfer	Cost	Con- dition	RPM	Belt or direct drive.	Radiator for engine No.	Fuel	Switchboard	
												Material.	No. of panels
Boiler No. 1													
No. 2													
No. 3													
Engine No. 1	1248	Marine	54HP	Gen. Elec. Co.	Dec. 7/03		Good	305	Direct				
No. 2	1340	"	"	" " "	" " "		"	"	"				
No. 3	3839	"	"	" " "	Feb. 15/10		"	"	"				
Generator No. 1	48564	MP	30KW	Gen. Elec. Co.	Dec. 7/03		Good	305	Direct				
No. 2	48574	"	"	" " "	" " "		"	"	"				
No. 3	177480	"	"	" " "	Feb. 15/10		"	"	"				
Radiator No. 1													
No. 2													
No. 3													
Motor-Generator													
Motor No. 1	3851127	A.C.	15 HP	Gen. Elec. Co.)	Installed		Good						
Generator No. 2	1232377	D.C.	10 KW	" " "	by QM 1921		"						
No. 3													
Switchboard	None	6'6" x 8'8"			Dec. 7/03		Good					Slate	2
		5' x 2'6"			Installed by QM 1921		Good					"	1
Storage Battery													
Transformer No. 1													
No. 2													
No. 3													
Auxiliaries Pump	538509	Duplex	4 1/2 x 2 1/2 x 4	Worthington	Dec. 7/03		Good		Direct				
No. 1													
No. 2													
No. 3													

*Recommended for
salvage - Cof E*

*675.1 (Nar. B) 48
7/8/26*

*Declared surplus 9/30/26
AG 600.5 - Ft. Greble, R.I.
(7-8-26) Misc D.*

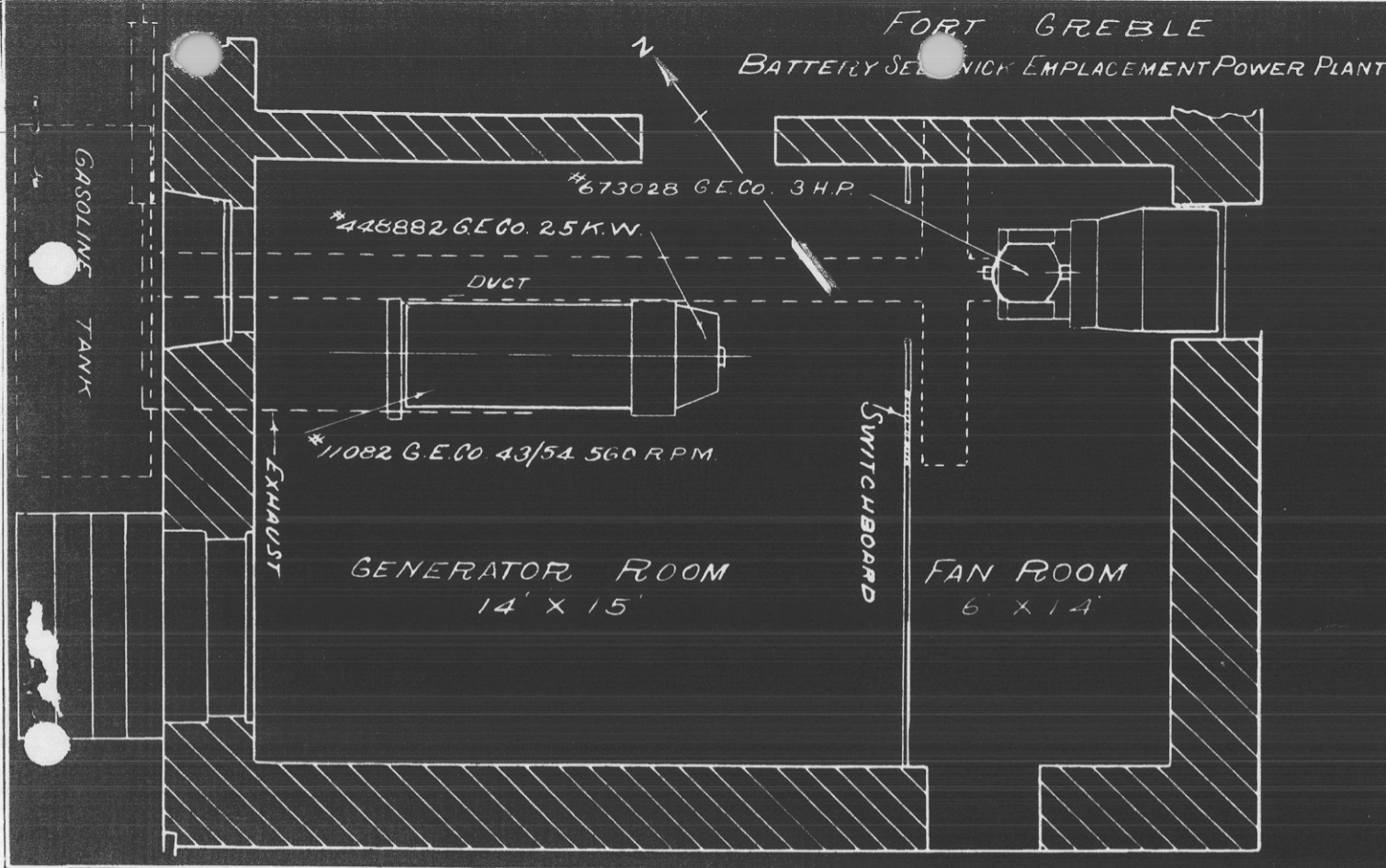
*Cof E 675.1 (Nar. B) 48 +
placed on I & I report*

*Transfer of building
to 2. M. recommended
in 16th. ind. in above
8/31/27.*

Total Cost \$40,951.88

DISTRIBUTION OF K.W. Use of generating equipment abandoned 1921; boilers removed 1925. A.C. commercial power connections for post lighting and motor generator for small fortification loads installed by Q.M. 1921, is distributed through old switchboard shown above.

FORT GREBLE
BATTERY SECTION EMPLACEMENT POWER PLANT



REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire Control or Torpedo Structures)

COAST DEFENSES OF Narragansett Bay
FORT Greble, R. I.
STRUCTURE Plotting Room

Form 2. Corrected to July 20, 1923.

P (Sedgwick)

Location In Battery Sedgwick, Emplacement No. 1. Type of data transmission Telephones

Date of transfer July 6, 1923. Date of transfer _____

Cost to that date \$32.56 (For modifications) Cost of data transmission _____

Type of construction _____ equipment _____

(a) Roof Reinforced concrete For tide stations give descrip-

(b) Remainder of bldg. Concrete tion of tide gauge _____

How concealed Incorporated in battery For datum points give Ports _____

How protected Incorporated in battery from which visible _____

Height above concealment None For dormitories give _____

Height above protection None stations served _____

Conspicuous at yards. not conspicuous. For cable hut give _____

Source of electric current Battery Sedgwick Bap. Plant S. C. type _____

Kilowatts required 0.35

Type of lighting fixtures Reflectolyte & Wall

How heated Not heated

Connected to water mains No

Connected to sewer No

Type of latrine None

rmanent or temporary _____

installation Permanent

Present condition Good

Reference of site Floor 22.6' above M.L.W.

Reference of instrumental _____

axis. _____

Type of observing inst. _____

Type of plotting board 110 Degree Model 1915

Type and capacity of crane _____

Max. dimensions of reel _____

handled _____

Date of transfer _____

Cost of data transmission _____

equipment _____

For tide stations give descrip-

tion of tide gauge _____

For datum points give Ports _____

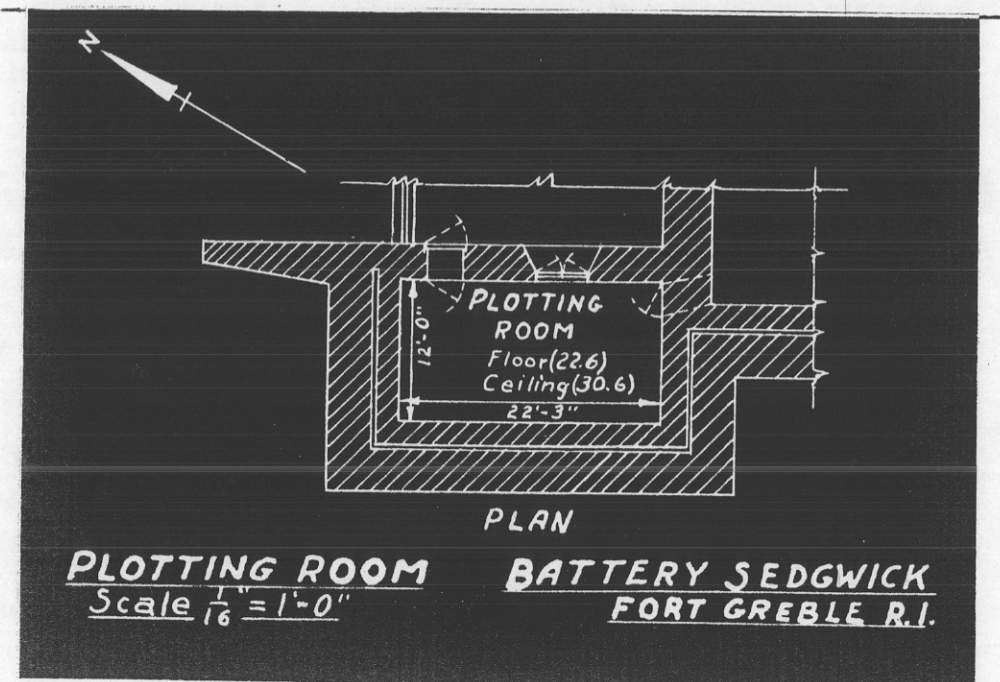
from which visible _____

For dormitories give _____

stations served _____

For cable hut give _____

S. C. type _____



* See Fort. Index Plat, Rev. of Apr. 4, 1938;
Symbol now shown as O.

REPORT OF COMPLETED WORKS- SEA COAST FORTIFICATIONS.
(Gun and Mortar Batteries.)

HARBOR
~~COAST~~ DEFENSES OF Narragansett Bay
FORT Greble, R. I.

Form 1 Corrected to December 1, 1925.

BATTERY
No. of guns 2 Caliber 3" Carriage AA Mt.

Battery commenced	March 1, 1921	Sources of electric current	None
Battery completed	March 29, 1921.	Max.kw.required for lights	
Date of transfer	Oct. 29, 1921.	Max.kw.required for motors	
Material of construction	Concrete		
Portland or Rosendale cement	Portland		
Cost to date of transfer	\$3,192.11		
Connected to water supply	No	Present condition of battery	Good
Connected to sewer	No	Rooms wet or dry	
Type of latrine	None		
Type of data transmission	None	How ventilated	
Trunnion elevation in battery	No. 1 72.42'		
	No. 2 79.42'	Remarks:	Guns now at Watervliet Arsenal for relining.
Datum plane	M.L.W.		

ARMAMENT

Emplace- ment or Mortar No.	Guns or Mortars.						Carriages.				
	Cal.	Length	Model	Serial No.	Manufacturer.	Mounted.	Type.	Model.	Serial No.	Manufacturer.	Motor
1 (West	3"	174.65"	1917	14	Watervliet Ar.	1922	AA Mt	1917	44	Watertown Arsn.	
2 (East	3"	174.65"	1917	51	" "	1922	AA Mt	1917	45	" "	
3											
4											
5											

HOISTS.

Emplace- ment No.	Type.	Delivery.	Serial NO.	Maker.	Motor	h.p.	Volts.	RPM	Type of control	Date of transfer	Remodeled for long points.
1											
2											

* See Fort. Index Plat, Rev. of Apr. 4, 1938,
"Symbols & Legend removed from plat",

REPORT OF COMPLETED WORKS
(BATTERY PLAN)

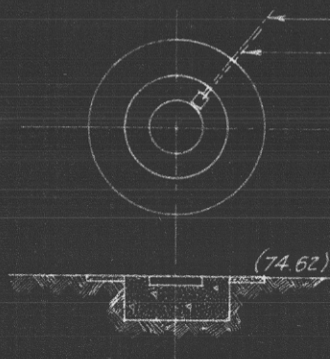
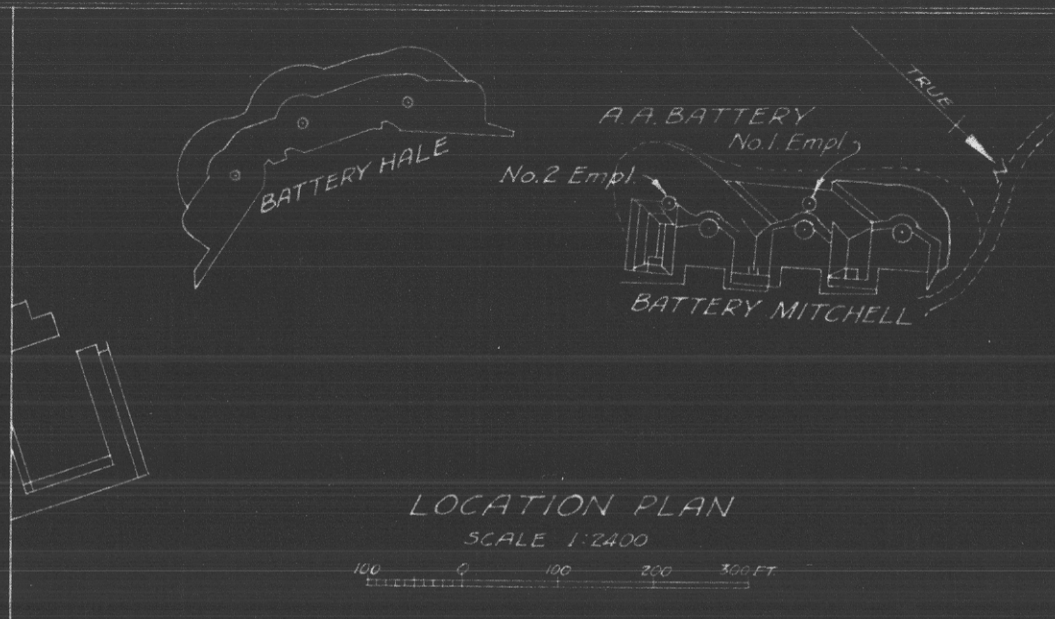
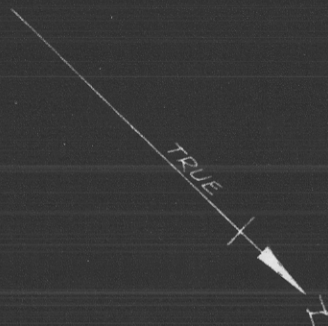
FORM NO. 7

Corrected to Dec. 1, 1925

HARBOR DEFENSES OF NARRAGANSETT BAY
FORT GREBLE, R.I.
A. A. BATTERY

No. of Guns 2, Caliber 3", Carriage A. A.

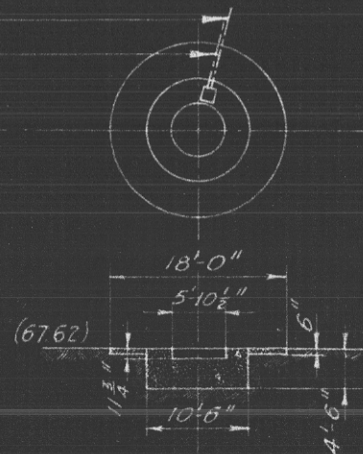
10 20 30 40 50 60 70 FT.



NO. 2 EMPL.

3" Conduit for Electric Wires
3" Drain to Stone Sump

Dist. 150.19', Az. 316°-19'-56" No. 1 to No. 2



NO. 1 EMPL.

REPORT OF COMPLETED WORKS

(BATTERY PLAN)

FORM NO. 7

Corrected to Dec. 1, 1925

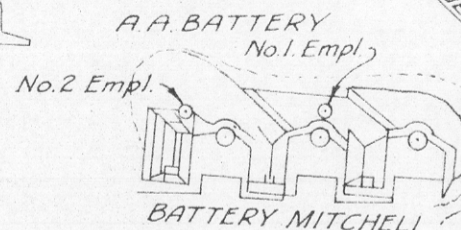
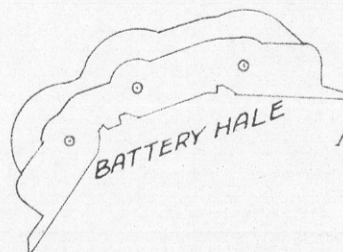
HARBOR DEFENSES OF NARRAGANSETT BAY

FORT GREBLE, R.I.

A. A. BATTERY

No. of Guns 2, Caliber 3", Carriage A. A.

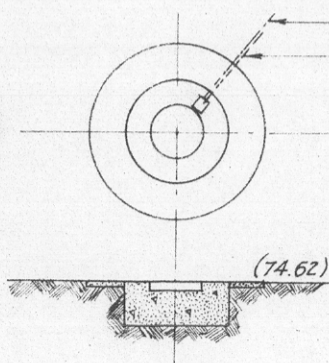
10 0 10 20 30 40 50 60 70 FT.



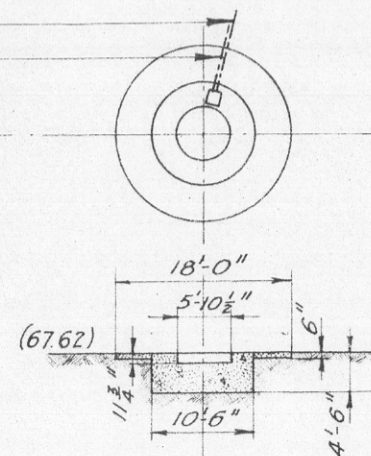
LOCATION PLAN

SCALE 1:2400

100 0 100 200 300 FT.



NO. 2 EMPL.



NO. 1 EMPL.

REPORT OF COMPLETED WORKS (FORM 4A)

HARBOR DEFENSES OF NARRAGANSETT BAY LOCATION OF SEARCHLIGHTS & CONTROLLERS

FORT GREBLE R.I.

SCALE 1:1200

100 0 100 200 300 FT.

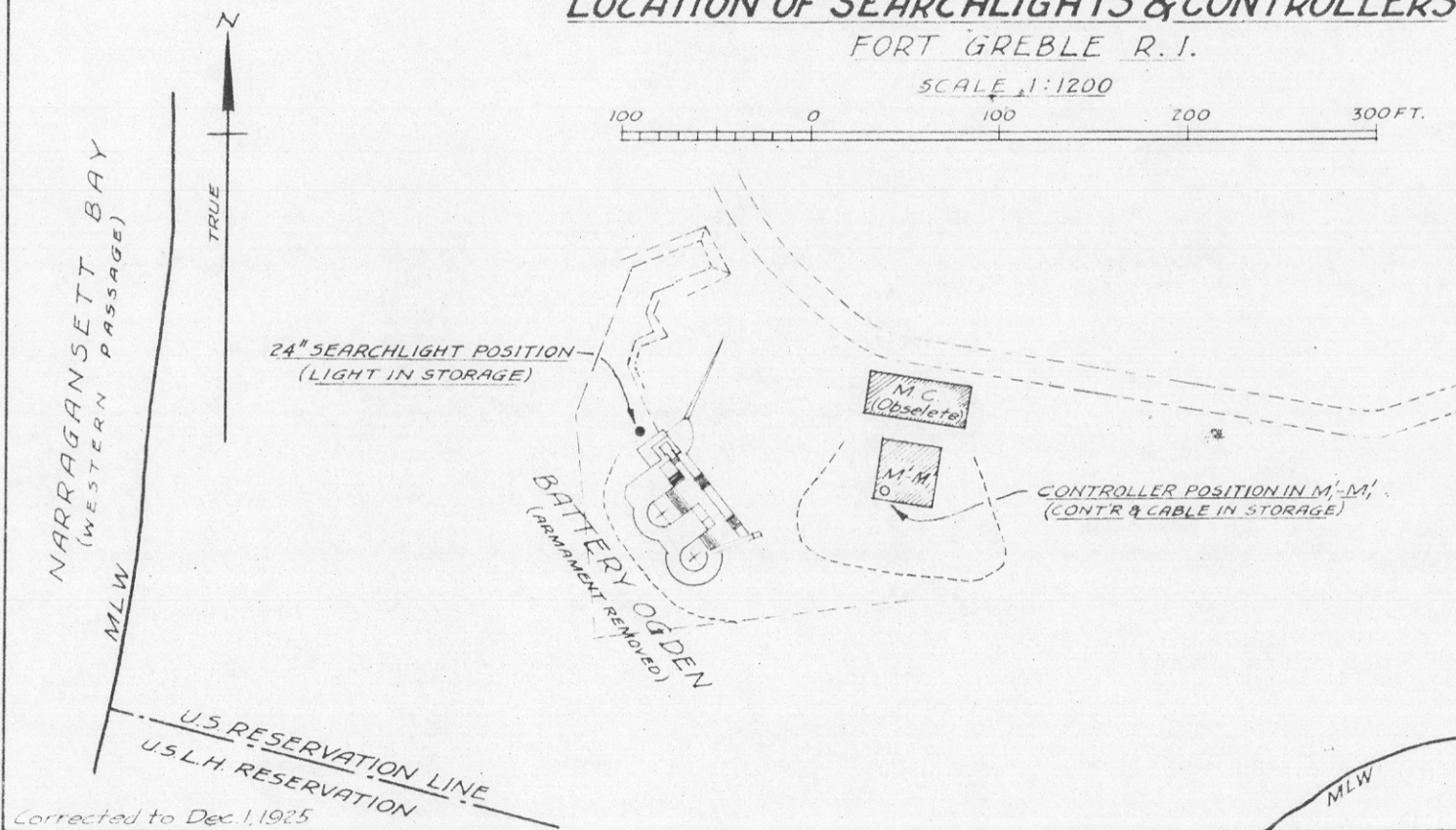


REPORT OF COMPLETED WORKS (FORM 4A)

HARBOR DEFENSES OF NARRAGANSETT BAY
LOCATION OF SEARCHLIGHTS & CONTROLLERS
FORT GREBLE R.I.

SCALE 1:1200

100 0 100 200 300 FT.



REPORT OF COMPLETED WORKS (FORM 4A)

HARBOR DEFENSES OF NARRAGANSETT BAY
LOCATION OF SEARCHLIGHTS & CONTROLLERS
FORT GREBLE, R.I.

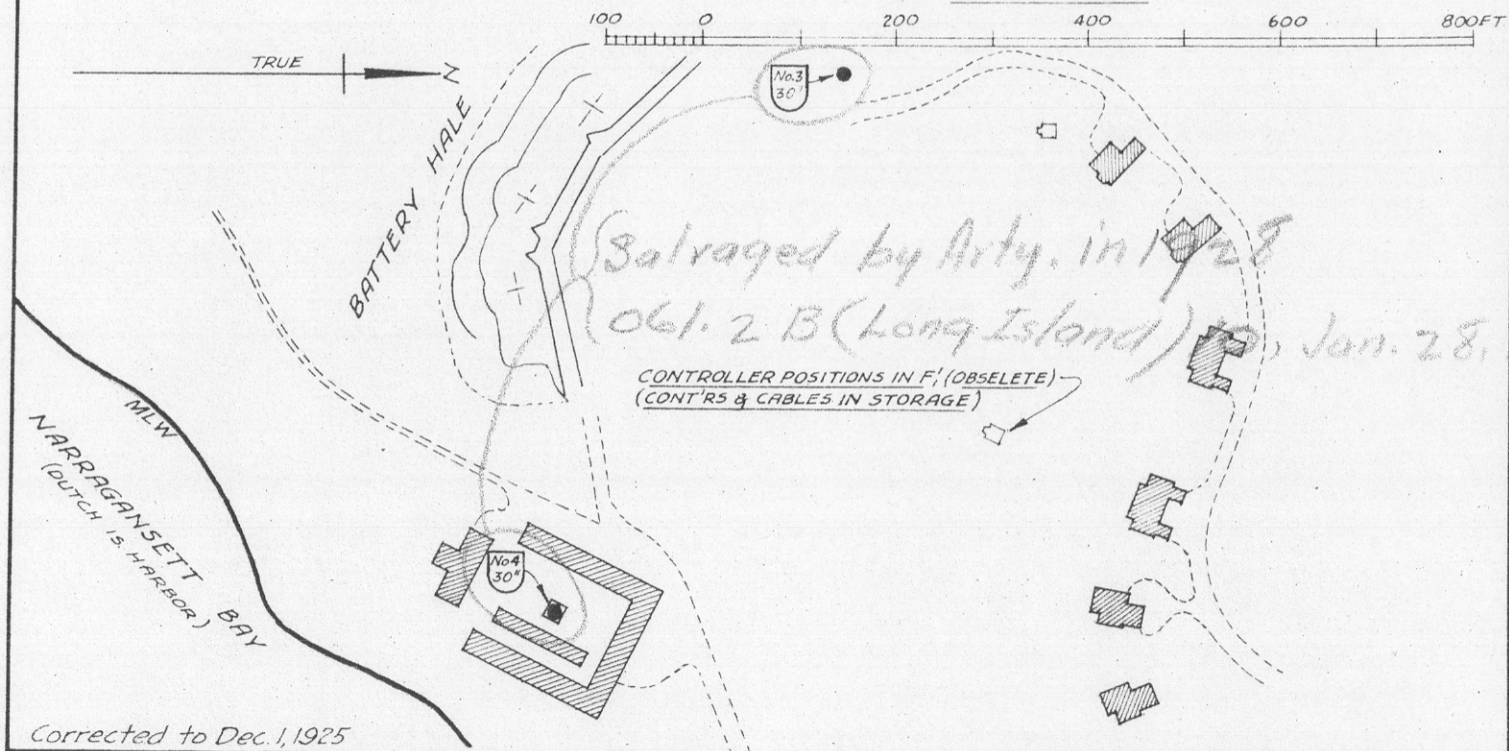
SCALE 1:2400



REPORT OF COMPLETED WORKS (FORM 4A)

HARBOR DEFENSES OF NARRAGANSETT BAY
LOCATION OF SEARCHLIGHTS & CONTROLLERS
FORT GREBLE, R.I.

SCALE 1:2400



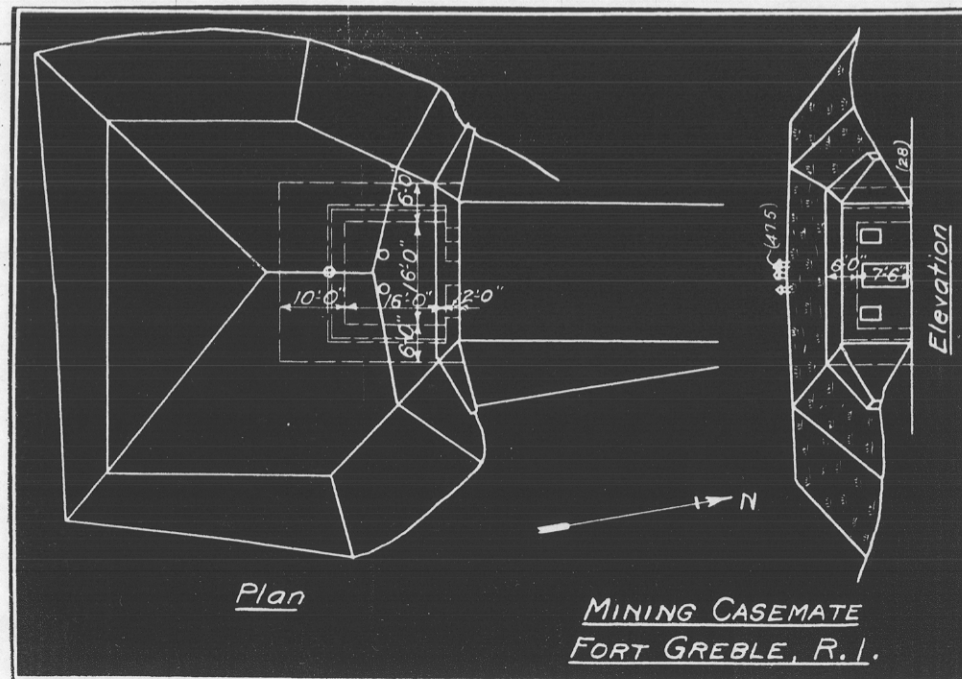
REPORT OF COMPLETED WORKS * SEACOAST FORTIFICATIONS.
(Fire control or Torpedo Structures)

Form 2.

Corrected to, November 1, 1921.

COAST DEFENSE OF Narragansett Bay
FORT Greble, R. I.
STRUCTURE Mining Casemate

Location	<u>North end of Fort Greble, east of Battery Sedgwick.</u>	Type of data transmission	
Date of transfer	<u>October 31, 1902.</u>	Date of transfer	
Cost to that date	<u>\$11,000.00</u>	Cost of data transmission	
Type of construction		equipment	
(a) Roof	<u>Concrete earth cover.</u>	For time stations give a descrip-	
(b) Remainder of bld	<u>Concrete</u>	tion of the structure	
How concealed	<u>Bombproof earth.</u>	For datum points give points	
How protected	<u>Earth cover.</u>	from which visible	
Height above concealment	<u>None</u>	For communications give	
Height above protection	<u>None</u>	stations served	
Conspicuous at yards	<u>None</u>	For cable hut give	
Source of electric current	<u>None</u>	S. C. type	
Kilowatts required	<u>None</u>		
Type of lighting fixtures	<u>None</u>		
How heated	<u>Note</u>		
Connected to water mains	<u>Abandoned as</u>		
Connected to sewer	<u>unserviceable.</u>		
Type of latrine			
Permanent or temporary			
installation			
Present condition			
Reference of site			
Reference of instrumental			
axis			
Type of observing inst.			
Type of plotting board			
Type and capacity of crane			
Max. dimensions of reel			
handled			



* See Fort. Index Plot, Rev. of Apr. 4, 1938:
"Symbol removed from plot".

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire Control or Torpedo Structures)

Form 2. Corrected to December 1, 1925.

HARBOR

~~XXXXX~~ DEFENSES OF ... Narragansett Bay
FORT Greble, R. I.
STRUCTURE Mining Casemate
→ (Obsolete)

Location 150' East of Gun No. 1 Battery Ogden Type of data transmission _____

Date of transfer Sept. 3, 1909 Date of transfer _____

Cost to that date \$17,100. Cost of data transmission _____

Type of construction Plaster concrete equipment _____

(a) Roof Slate For tide stations give descrip-
tion of tide gauge _____

(b) Remainder of bldg. Plaster concrete, wood frame For datum points give points
from which visible _____

How concealed Behind embankment of M!-M! For dormitories give
stations served _____

How protected " " " " " For cable hut give
S. C. type _____

Height above concealment 0 _____

Height above protection 0 _____

Conspicuous at _____ yards. Not conspicuous.

Source of electric current Empl. plant, Battery Mitchell

Kilowatts required 0.5

Type of lighting fixtures Commercial

How heated Stove

Connected to water mains Yes

Connected to sewer Yes

Type of latrine Siphon jet

Permanent or temporary Equipment moved to bombproof

installation casemate in Battery Mitchell

Present condition Good

Reference of site 30.0' above M.L.W.

Reference of instrumental axis. _____

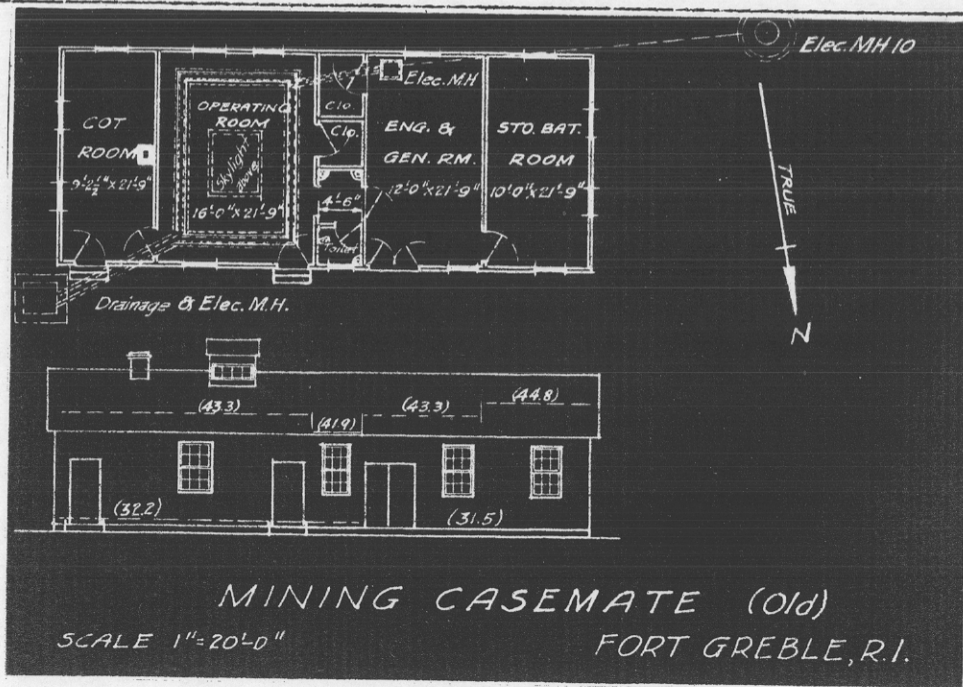
Type of observing inst. _____

Type of plotting board _____

Type and capacity of crane _____

Max. dimensions of reel _____

handled _____



MINING CASEMATE (Old)

SCALE 1"=20'0"

FORT GREBLE, R.I.

* See Fort Index Plat, Rev. of Apr. 4, 1938;
"Symbol removed from plat"

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire Control or Torpedo Structures)

HARBOR

~~NAVAL~~ DEFENSES OF Narragansett Bay.....
FORT Greble, R. I.....
STRUCTURE Torpedo Loading Room....

Form 2. Corrected to December 1, 1925.

Location Near mine wharf, west of cable tank Type of data transmission None

Date of transfer February 17, 1906. Date of transfer _____

Cost to that date \$2000. Cost of data transmission _____

Time of construction _____ equipment _____

(a) Roof Wood shingle For tide stations give descrip-
tion of tide gauge _____

(b) Remainder of bldg. Wood For datum points give Forts
from which visible _____

How concealed Partly by cable tank & natural ground For dormitories give
stations served _____

How protected Not protected For cable hut give
S. C. type _____

Height above concealment 0' to 10'

Height above protection 17 feet

Conspicuous at yards. Not conspicuous

Source of electric current Post lighting system

Kilowatts required .5

Type of lighting fixtures Commercial

How heated Stove

Connected to water mains Yes

Connected to sewer Yes

Type of latrine None

Permanent or temporary
installation Permanent

Present condition Good

Reference of site Floor 9.7' above M.L.W.

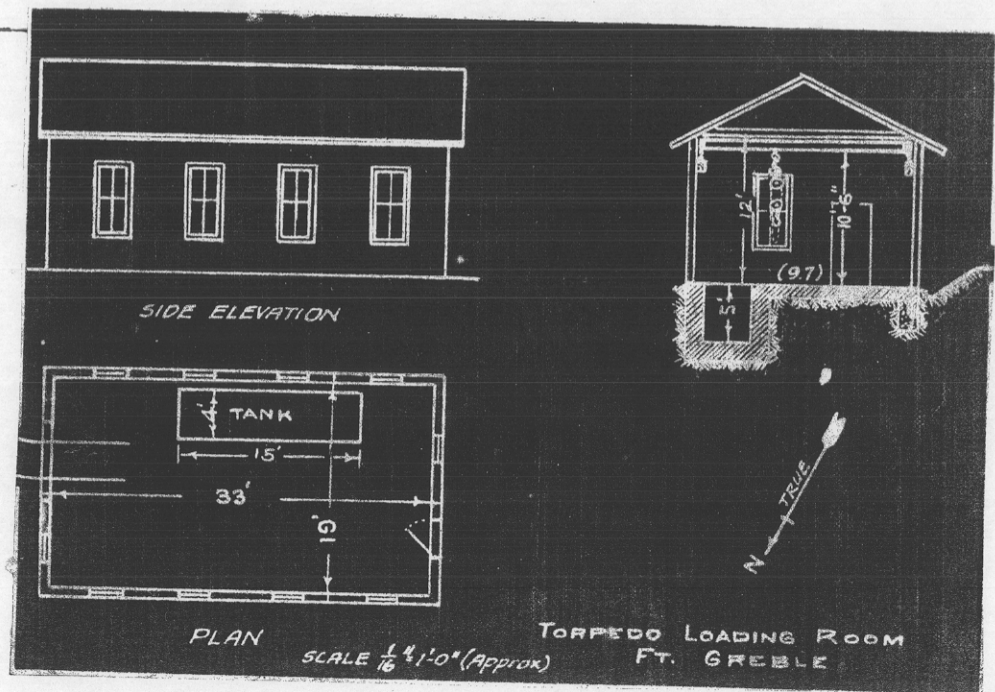
Reference of instrumental
axis. None

Type of observing inst. None

Type of plotting board None

Type and capacity of crane Traveling, 1-ton chain hoist

Max. dimensions of reel
handled -



REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire Control or Torpedo Structures)

HARBOR
~~COAST~~ DEFENSES OF ... Narragansett Bay
FORT Greble, R.I.
STRUCTURE ... Service Dynamite Room

Form 2. Corrected to December 1, 1925.

Location 3' $\frac{1}{2}$ west of Torpedo Loading Room at wharf. Type of data transmission _____

Date of transfer Feb. 17, 1906

Date of transfer _____

Cost to that date \$200.

Cost of data transmission _____

Material of construction _____

(a) Roof Wood shingle

equipment _____

(b) Remainder of bldg. Wood frame

For tide stations give description of tide gauge _____

How concealed Not concealed

For datum points give Forts from which visible _____

How protected Not protected

For dormitories give stations served _____

Height above concealment 12'

For cable hut give _____

Height above protection 12'

S. G. type _____

Conspicuous at .. 1000 ... yards.

Source of electric current None

Kilowatts required None

Type of lighting fixtures None

How heated Not heated

Connected to water _____ No

Connected to sewer _____ No

Type of latrine _____ None

Permanent or temporary _____

installation Permanent

Present condition Good

Reference of site 9.5' above M.L.W.

Reference of instrumental _____

axis. _____

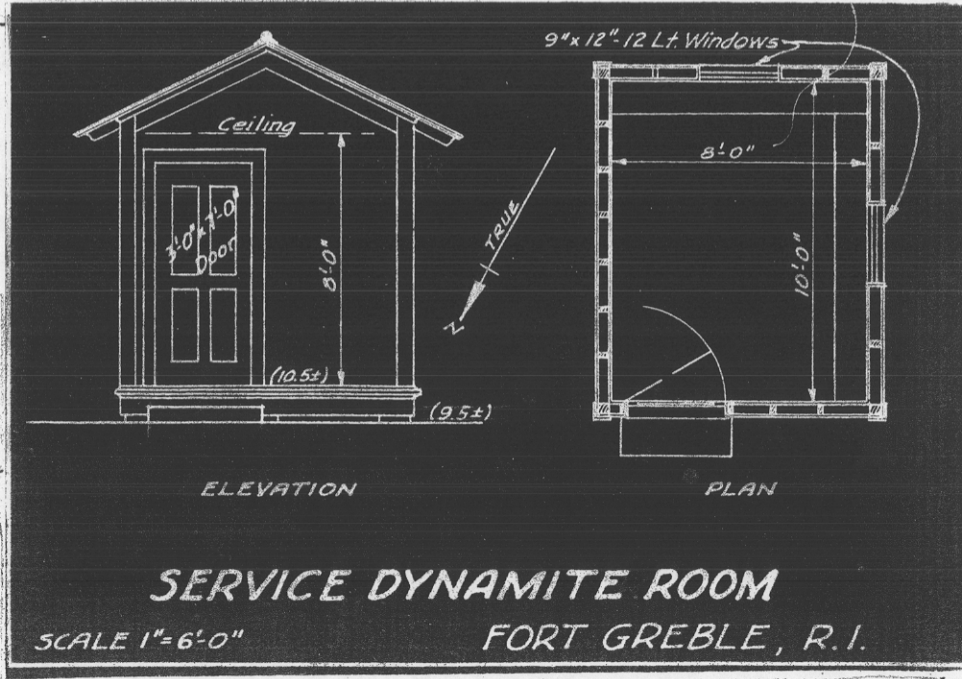
Type of observing inst. _____

Type of plotting board _____

Type and capacity of crane _____

Max. dimensions of reel _____

handled _____



REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire Control or Torpedo Structures)

HARBOR ~~00134~~ DEFENSES OF Narragansett Bay.....
FORT Greble, R. I.....
STRUCTURE Cable Tank.....

Form 2. Corrected to December 1, 1925.

Location On mine wharf

Date of transfer October 31, 1902

Cost to that date \$4000. (Enlargement in 1907, \$4950.)

Type of construction Concrete tank, frame building.

(a) Roof Wood shingle

(b) Remainder of bldg. Wood

How concealed Not concealed

How protected Not protected

Height above concealment 25'

Height above protection 25'

Conspicuous at ... 1500 ... yards.

Source of electric current Post lighting system

Kilowatts required .55

Type of lighting fixtures Commercial

How heated Not heated

Connected to water mains Yes

Connected to sewer Yes

Type of latrine None

Permanent or temporary installation Permanent

Present condition Good

Reference of site 8.7' above M.L.W.

Reference of instrumental axis. None

Type of observing inst. None

Type of plotting board None

Type and capacity of crane 5-ton traveling.

Max. dimensions of reel handled 5'9" x 4'6"

Type of data transmission None

Blackmer rotary pump with 4 HP Novo gas engine, capacity 475 g.p.m. for filling tanks

Date of transfer transferred to Arty by D.E. 1929

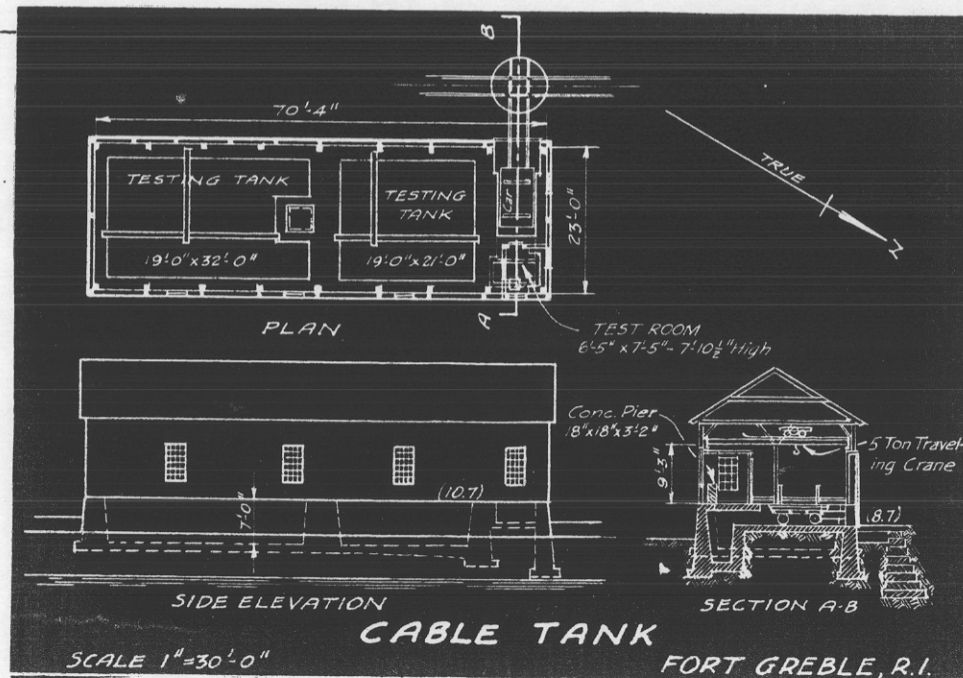
Cost of data transmission equipment Cof E 400.31 (Narr. Bay) 125

For tide stations give description of tide gauge

For datum points give Ports from which visible

For dormitories give stations served

For cable hut give S. C. type



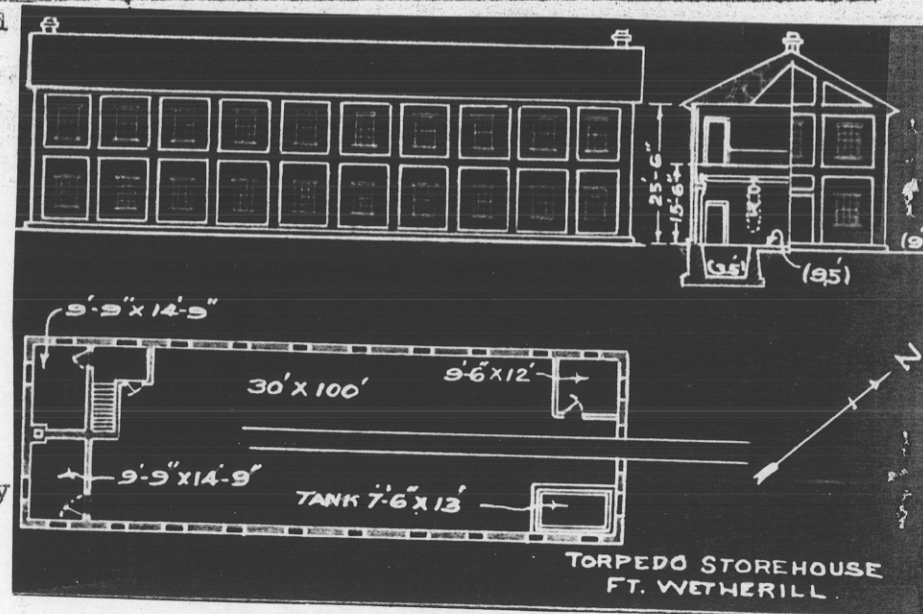
REPORT OF COMPLETED WORKS * SEACOAST FORTIFICATIONS.
(Fire control or Torpedo Structures)

COAST DEFENSE OF Narragansett Bay
FORT Wetherill
STRUCTURE Torpedo Storehouse.

Form 2. Corrected to November 1, 1921.

Location	<u>Behind high bank near Wharf.</u>	Type of data transmission	
Date of transfer	<u>September 2, 1909</u>	Date of transfer	
Cost to that date	<u>\$18689.08</u>	Cost of data transmission equipment	
Type of construction		For tide stations give a description of tide gauge	
(a) Roof	<u>Slate roof</u>	For datum points give points from which visible	
(b) Remainder of bld	<u>reinforced concrete.</u>	For comitories give stations served	
How concealed	<u>Behind high bank.</u>	For cable hut give S. C. type	
How protected	<u>Behind high bank.</u>		
Height above concealment	<u>None.</u>		
Height above protection	<u>None</u>		
Conspicuous at yards	<u>Not conspicuous</u>		
Source of electric current	<u>Emp. plant Battery Varnum.</u>		
Kilowatts required	<u>4.00</u>		
Type of lighting fixtures	<u>3-lt clusters and rosettes and</u>		
How heated	<u>stoves</u>		
Connected to water mains	<u>Yes.</u>		
Connected to sewer	<u>Yes.</u>		
Type of latrine	<u>None</u>		
Permanent or temporary installation	<u>Permanent.</u>		
Present condition	<u>Good</u>		
Reference of site	<u>9.5</u>		
Reference of instrumental axis	<u>None</u>		
Type of observing inst.	<u>None</u>		
Type of plotting board	<u>None</u>		
Type and capacity of crane	<u>Traveling crane 2-ton capacity</u>		
Max. dimensions of reel handled	<u>-</u>		

See O.C.F. Drwg. # 26-66-13



REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire Control or Torpedo Structures)

HARBOR

~~COAST~~ DEFENSES OF Narragansett Bay
FORT Greble, R. I.
STRUCTURE Torpedo Storehouse.

Form 2.

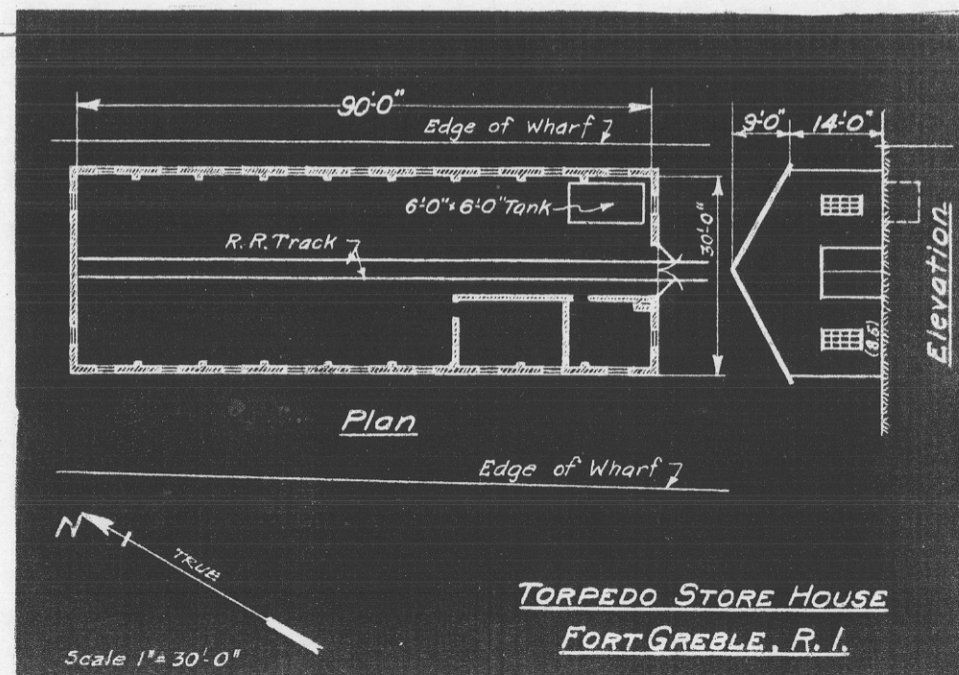
Corrected to December 1, 1925.

Location On mine wharf Type of data transmission None

Date of transfer October 31, 1902. Date of transfer _____
Cost to that date \$4000 (Enlargement in 1907, \$5500) Cost of data transmission _____
Type of construction _____ equipment _____
(a) Roof Slate roof For tide stations give description of tide gauge _____
(b) Remainder of bldg. Brick walls For datum points give Ports from which visible _____
How concealed Not concealed For dormitories give stations served _____
How protected Not protected For cable hut give S. C. type _____
Height above concealment 23'
Height above protection 23'
Conspicuous at ... 1500 ... yards.
Source of electric current Post lighting system
Kilowatts required 1.21
Type of lighting fixtures Commercial
How heated Stove
Connected to water mains Yes
Connected to sewer Yes
Type of latrine None
Permanent or temporary installation Permanent
Present condition Good

Reference of site 8.5' above M.L.W.
Reference of instrumental axis. None
Type of observing inst. None
Type of plotting board None

Type and capacity of crane 2-ton traveling
Max. dimensions of reel handled _____

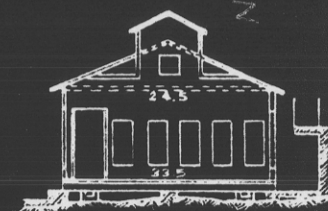
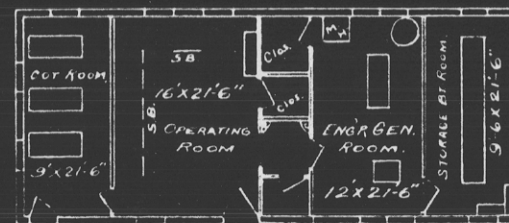


REPORT OF COMPLETED WORKS * SEACOAST FORTIFICATIONS.
(Fire control or Torpedo Structures)

COAST DEFENSE OF Narragansett Bay.....
FORT Greble.....
STRUCTURE Mining casemate.....

Form 2. Corrected to Nov. 1, 1921. *See Report dated Dec. 1, 1925* → Obsolete; equipment being moved to casemate in Zook.

Location	118 feet northeast of Battery Ogden.	Type of data transmission	<i>Zook is at Ft. Netheuse</i>
Date of transfer	Sept. 3, 1909	Date of transfer	
Cost to that date	\$17,100	Cost of data transmission	
Type of construction	concrete	Equipment	
(a) Roof	slate	For tide stations give a description of tide gauge	
(b) Remainder of bld	plaster concrete	For datum points give points from which visible	
How concealed	Behind earth work.	For dominions give stations served	
How protected	Embankment and M'-M'	For cable hut give S. C. type	
Height above concealment	None		
Height above protection	None		
Conspicuous at yards	not conspicuous		
Source of electric current	Fort Greble Elec. Plant. and casemate generator.		
Kilowatts required	None		
Type of lighting fixtures	Clusters, cords and sockets.		
How heated	Stove		
Connected to water mains	Yes		
Connected to sewer	Yes.		
Type of latrine	Syphon		
Permanent or temporary installation	Permanent		
Present condition	Good		
Reference of site	31.96		
Reference of instrumental axis	-		
Type of observing inst.	-		
Type of plotting board	-		
Type and capacity of crane	-		
Max. dimensions of reel handled	-		



M.C. FT. GREBLE.

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire Control or Torpedo Structures)

HARBOR

~~COAST~~ DEFENSES OF Narragansett Bay.....
FORT Greble, R. I.....
STRUCTURE S. C. Cable Hut.....
(Type B)

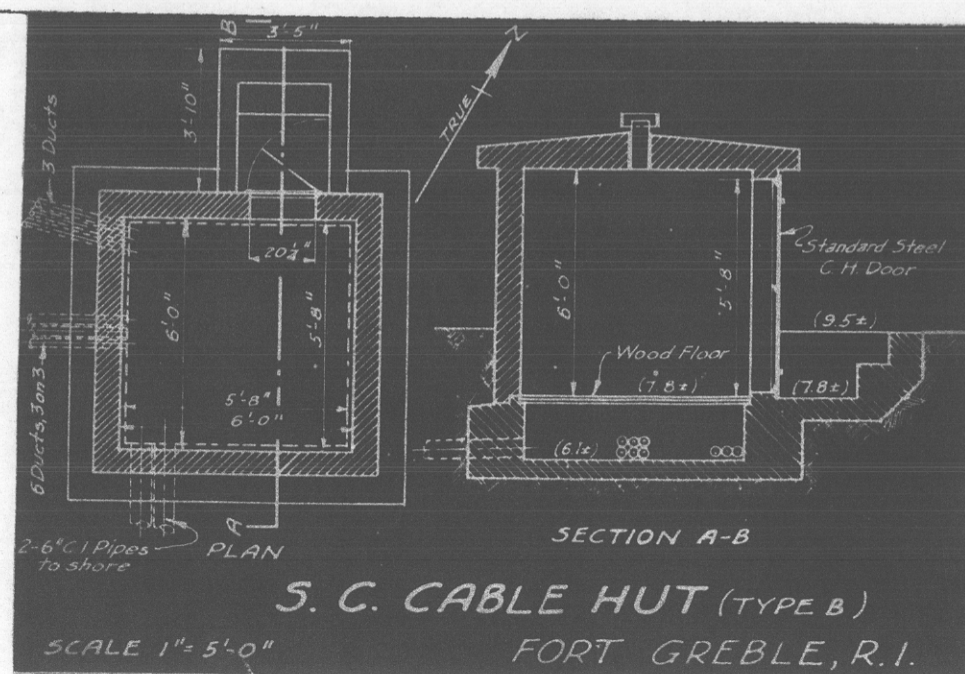
Form 2. Corrected to December 1, 1925.

Location 6' S of Service Dynamite Room Type of data transmission None

Date of transfer Unknown. Built by Signal Corps. 1908. Date of transfer _____
Cost to that date Unknown Cost of data transmission _____
Type of construction _____ equipment _____
(a) Roof Reinforced concrete For tide stations give description of tide gauge _____
(b) Remainder of bldg. Concrete For datum points give Forts _____
How concealed Not concealed from which visible _____
How protected Not protected For dormitories give stations served _____
Height above concealment 6' For cable hut give S. C. type Type B
Height above protection 6'

Conspicuous at 500 .. yards.
Source of electric current None
Kilowatts required None
Type of lighting fixtures None
How heated Not heated
Connected to water mains No
Connected to sewer No
Type of latrine None
Permanent or temporary installation Permanent
Present condition Good

Reference of site 9.5' ± above M.L.W.
Reference of instrumental axis. _____
Type of observing inst. _____
Type of plotting board _____
Type and capacity of crane _____
Max. dimensions of reel handled _____



12/4/42

REPORT OF COMPLETED WORKS -- SEACOAST FORTIFICATIONS
(Searchlights)

HARBOR

~~PORT~~ DEFENSES OF Narragansett Bay
FORT Greble, R. I.

SEARCHLIGHT NO. 1 (#2 assigned by local Artillery)

Form 4.

Corrected to December 1, 1925. Size 60" Portable or fixed. Fixed.

PROJECTOR : West shore, 300' south of
Location: pumping station.
Manufacturer: Gen. Elec. Co.
Type of projector: E.C.
Form of projector: N6
Serial No. of projector...: 9356
Type of lamp: Sperry High Intensity.
Model of lamp: 4 Mark V
Serial No. of lamp: 121
Electric or hand control: Electric
Material of mirror: Glass
Date received in district: Dec. 18, 1915.
From whom received: Gen. Eng. Depot
Age of mirror: New in 1915.
Condition of mirror: Good
Date last repaired: No repairs
Switchboard, Serial No...: 145063

CABLES #

Power plant to searchlight:
Type: Lead covered rubber.
Length and size: 551.6' of 350000 c.m.
In conduits or in air: In conduits
Controller to light:
Type: 9 conductor; R.L.
Length and size: 1611 feet
In conduit or in air: In Conduit
Aux.-controller to light ...: None
Length and size:
In conduit or in air:

INSTALLATION

: 550' runway to operating position
General character: Shelter for light & power plant.
Date transferred to troops...: Feb. 4, 1918.
Cost to that date: Light \$3839.72. Installing
Shelter:: \$12,895.81
Materials of construction...: Reinforced concrete.
Interior dimensions: 13'x 13'4"x 22' high.
Height and type of tower ...: Car 11'6" above track.
Means by which projector is :
placed in operating posi- :
tion: Hand operated car.
Reference axis of projector :
in operating position: 29' $\angle$ above M.L.W.
Kind of protection in :
operating position: None
Concealment of day shelter : Built in side of bank; con-
from approach channel: cealed from approach channel.
Dates & cost of extensive :
remodeling or reconstruc- :
tion: None.

POWER PLANT

Location: In the S.L. shelter.
Maximum demand KW: 20.0
Type and size: 1 25KW G.E., gen. set.

CONTROLLERS

In storage; formerly in
Location: F' Station at Fort Greble.
Type:
Form: N2
Serial No.: 12224
How protected or concealed ..:

* See 662 B (Narr. Bay) 34, basic letter, para. 2 Σ ; also 1st Ind., 675.1 (Narr. Bay) 57

"A portable S/L unit to be provided for installation on The Bennett upon outbreak of war
The fixed unit now at Ft. Greble to be removed & stored pending its installation elsewhere
in the harbor defenses when progress of project permits, as authorized in 12th Ind., 662 B (Narr. Bay) 34."

REPORT OF COMPLETED WORKS-SEACOAST FORTIFICATIONS. (Electric Plants)

COAST DEFENSES OF Narragansett Bay
FORT Greble.

Form 5.

Corrected to Sept. 1, 1921.

POWER FOR 60" Searchlight. #1 (#2 assigned by
local artillery)

	Serial No.	Type	Size	Manufacturer	Date of transfer	Cost	Condi- tion	RPM	Belt or Direct Drive	Radiator for Engine No.	Fuel	Switchboard Mate- rial No. of panels
Boiler No. 1												
No. 2												
No. 3												
Engine No. 1	10963	GML2	43-54	General Elec. Co.	Feb. 4 '18		Good	560	Direct		Gas.	
No. 2												
No. 3												
Generator												
No. 1	448812	MPC	25 KW	Gen. Elec. Co.	Feb. 4, '18		Good	560	Direct			
No. 2												
No. 3												
Radiator												
No. 1	10308	FF54		Gen. Elec. Co.	Feb. 4, '18		Good			10963		
No. 2												
No. 3												
Motor-generator												
No. 1												
No. 2												
No. 3												
Switchboard	216		6'-10x20"	Walker Elec. Co.	Feb. 4, '18		Good					
Storage Battery												Marble one
Transformer												
No. 1												
No. 2												
No. 3												
Auxiliaries												
(motor) No. 1	461809	CVC	3HP	Gen. Elec. Co.	Feb. 4, '18		Good	1150	Direct			
No. 2												
No. 3												

\$4,085.20

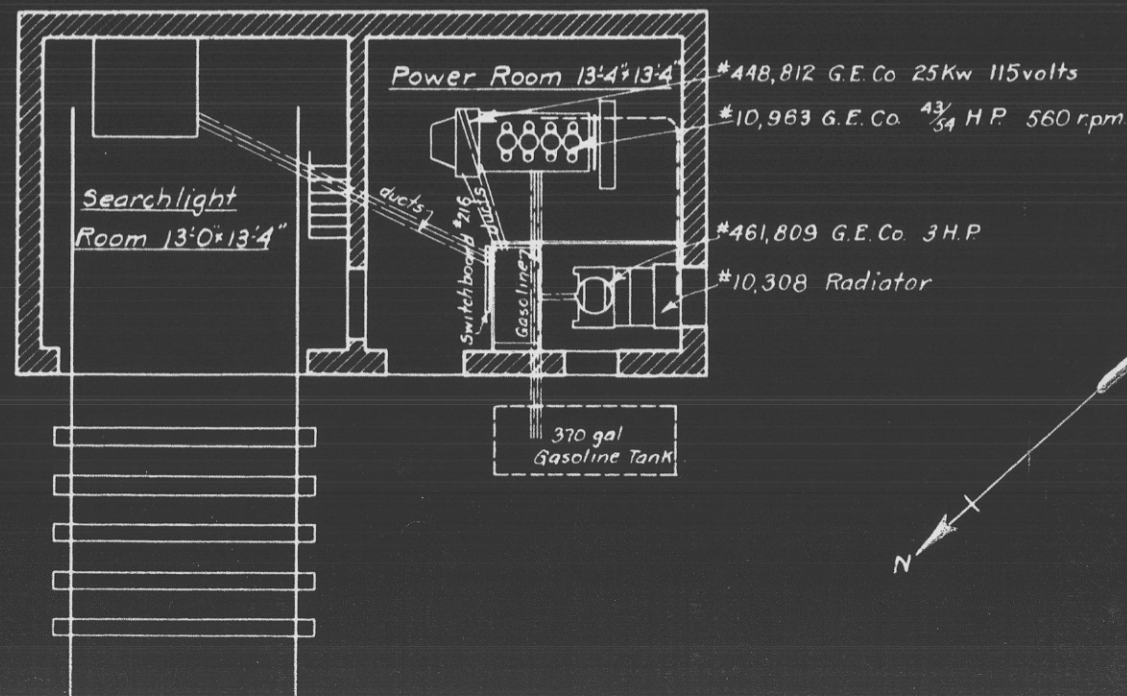
DISTRIBUTION OF KW. 20. for 60" Searchlight and 2. for lighting shelters. Total 22.

① See 1st Ind., 675.1 (1st C.A.) 1 - Eng #10963 will be put in storage.

② See basic letter & 1st Ind., 675.1 (Narr. Bay) 57. - "Dismantling + storing 25 KW set during March 1939"

FORT GREBLE, R.I.

POWER PLANT #1-60" SEARCHLIGHT.



H. D. Narragansett Bay

Fort Greble

S/L #3, 30" Fixed,

Report of Compl. Works dated Dec. 1, 1925

S/L #4, 30" Fixed,

Report of Compl. Works dated Dec. 1, 1925

Both reports are marked "S/L Salvaged"

REPORT OF COMPLETED WORKS -- SEACOAST FORTIFICATIONS
(Searchlights)

Form 4.

Corrected to December 1, 1925.

HARBOR

~~COAST~~

DEFENSES OF

FORT

Narragansett Bay

Greble, R. I.

SEARCHLIGHT NO. 3 (assigned by local Artillery)

Size 30" Portable or fixed. Fixed.

PROJECTOR

Location: Left flank, Bat. Mitchell
Manufacturer: Gen. Elec. Co.
Type of projector: EC
Form of projector: K
Serial No. of projector...: 664
Type of lamp: H
Model of lamp: Form F
Serial No. of lamp: 511
Electric or hand control: Electric
Material of mirror: Glass
Date received in district June 13, 1902.
From whom received: New York District
Age of mirror: New in 1912
Condition of mirror: Good
Date last repaired: Resilvered, Dec. 1914.
Switchboard, Serial No...: No switchboard.

CABLES #

Power plant to searchlight:
Type: Lead covered rubber.
Length and size: 250' 2x350,000
In conduits or in air: In conduits
Controller to light: None
Type:
Length and size:
In conduit or in air:
Aux. controller to light ..: None
Length and size:
In conduit or in air:

INSTALLATION

General character: Elevated wooden platform, 10'x10'
Date transferred to troops...: Nov. 25, 1903.
Cost to that date: Unknown.
Shelter::
Materials of construction.: Wood (temporary)
Interior dimensions: 5'x 5'x 6.5'
Height and type of tower ...: 10' wood
Means by which projector is :
placed in operating posi- :
tion: Fixed.
Reference axis of projector :
in operating position: 80' $\pm$ above M.L.W.
Kind of protection in:
operating position: None
Concealment of day shelter :
from approach channel: None
Dates & cost of extensive :
remodeling or reconstruc- : Sept. 1918 \$255.84
tion:

POWER PLANT

Source of power,
Location: Empl. Plant, Battery Mitchell
Maximum demand KW: 9.0
Type and size: 2 25KW G.E., gen. sets.

CONTROLLERS

Location: In storage
Type: EC
Form: C
Serial No.: 243
How protected or concealed .: -

Light to be surveyed & tower torn down - COFF 470.35 (Nor. Bay) 34 11/15/27
S/L. salvaged by Arty. in 1928, - see 061.2 B (Long Island) 10, Jan. 28, 1929
REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Searchlights)

HARBOR

COAST DEFENSES OF Narragansett Bay
FORT Greble, R. I.

SEARCHLIGHT NO. 4 (assigned by local Artillery)

Size 30" Portable or fixed. Fixed.

Form 4.

Corrected to Dec. 1, 1925.

PROJECTOR

Location: Left flank, Battery Hale in
quadrangle, formed by Q.M. storehouses.

Manufacturer: Gen. Elec. Co.

Type of projector: EC

Form of projector: K

Serial No. of projector...: 662

Type of lamp: H

Model of lamp: Form F

Serial No. of lamp: 825

Electric or hand control: Electric

Material of mirror: Glass

Date received in district June 13, 1902.

From whom received: New York District.

Age of mirror: New in 1912.

Condition of mirror: Good

Date last repaired: Resilvered in Nov. 1914.

Switchboard, Serial No.: No switchboard.

INSTALLATION

General character: On wooden tower.

Date transferred to troops...: Nov. 25, 1903.

Cost to that date: Unknown

Shelter:

Materials of construction.: Temporary shelter of wood.

Interior dimensions: 5'x 5'x 6.5'

Height and type of tower: 20' wood

Means by which projector is :

placed in operating posi- :
tion: Fixed.

Reference axis of projector :

in operating position: 68.5' $\frac{1}{2}$ above M.L.W.

Kind of protection in :

operating position: None

Concealment of day shelter :

from approach channel: None

Dates & cost of extensive :

remodeling or reconstruc- :
tion: Rebuilt Oct. 1918; \$600.00

POWER PLANT

Source of power,

Location: Empl. plant, Battery Mitchell

Maximum demand KW: 9.0

Type and size: 2-25KW G.E., gen. sets.

CONTROLLERS

Location: In storage.

Type: EC

Form: C

Serial No.: 240

How protected or concealed .:

CABLES

Power plant to searchlight:

Type: Lead covered rubber.

Length and size: 340' 2x350,000; 800' 2x0000

In conduits or in air: In conduits

Controller to light: None

Type:

Length and size:

In conduit or in air:

Aux. controller to light ...: None

Length and size:

In conduit or in air:

REPORT OF COMPLETED WORKS -- SEACOAST FORTIFICATIONS
(Searchlights)

Form 4.

Corrected to Dec. 1, 1925.

HARBOR

DEFENSES OF Narragansett Bay
FORT Greble, R. I.

SEARCHLIGHT NO. 5 (assigned by local Artillery)

Size 24" Portable or fixed. Fixed.

Salvaged
see Note

PROJECTOR

In storage. Formerly on

Location right flank of Battery Ogden

Manufacturer Gen. Elec. Co.

Type of projector ECF

Form of projector -

Serial No. of projector 306

Type of lamp HF

Model of lamp -

Serial No. of lamp 405

Electric or hand control: Electric

Material of mirror Glass

Date received in district July 19, 1898.

From whom received Willeys Point, N.Y.

Age of mirror New in 1912.

Condition of mirror Good

Date last repaired Resilvered in Nov. 1914.

Switchboard, Serial No.: No switchboard.

CABLES #

Power plant to searchlight:

Type Lead covered rubber.

Length and size 340' 2x00; 900' 2x0; 100' concentric.

In conduits or in air 1240' in ducts; 100' in air.

Controller to light None

Type -

Length and size -

In conduit or in air None

Aux.-controller to light None

Length and size -

In conduit or in air -

INSTALLATION

General character Mounted on small hand track.

Date transferred to troops Oct. 2, 1900.

Cost to that date Unknown.

Shelter: No shelter.

Materials of construction: -

Interior dimensions -

Height and type of tower None.

Means by which projector is:

placed in operating posi- -

tion Fixed.

Reference axis of projector:

in operating position -

Kind of protection in:

operating position None.

Concealment of day shelter:

from approach channel None.

Dates & cost of extensive:

remodeling or reconstruc- -

tion None.

POWER PLANT

Source of power,

Location Formerly Battery Mitchell Empl. plant.

Maximum demand KW 5.75

Type and size 2-25KW G.E., gen. sets.

CONTROLLERS

In storage. Formerly in M' - M'.

Location ECB

Type -

Form -

Serial No. 188

How protected or concealed: -

Note: This S/L. to be turned in to salvage, the mirror to be removed and shipped to Engr. Supply Officer, N.Y.C.P. Brooklyn, see 218 x 22" ind. file C. of E. 470.35 (Narr. Bay) 37. March 1929.

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire Control or Torpedo Structures)

Form 2. Corrected to December 1, 1925.

HARBOR ~~COAST~~ DEFENSES OF Narragansett Bay
FORT Greble, R. I.
STRUCTURE ~~Double Mine Primary Station and~~ Plotting rooms.
M'1-M'1

Location 130' E of Gun No.1 Battery Ogden Type of data transmission _____ Telephones _____

Date of transfer September 3, 1909 Date of transfer _____
Cost to that date \$3500. Cost of data transmission _____
Type of construction Plaster concrete equipment _____
(a) Roof Tar & gravel For tide stations give description of tide gauge _____
(b) Remainder of bldg. Plaster concrete on wood frame For datum points give Forts from which visible _____
How concealed Earth embankment on three sides For dormitories give stations served _____
How protected " " " " " For cable hut give S. C. type _____

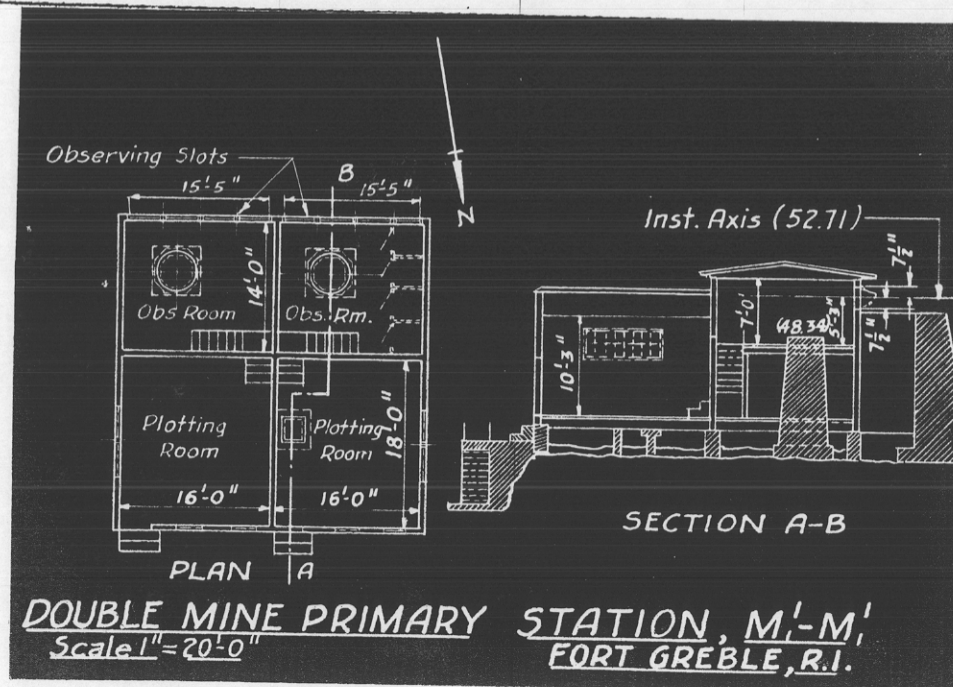
Height above concealment 5.0'
Height above protection 5.0'
Conspicuous at .1000..... yards.
Source of electric current Bat. Mitchell Emplacement Plant
Kilowatts required 0.7
Type of lighting fixtures Commercial
How heated None
Connected to water mains No
Connected to sewer No
Type of latrine None
Permanent or temporary installation Permanent
Present condition Good

Reference of site Ground 38.7' above M.L.W.
Reference of instrumental axis. 52.71' above M.L.W.
Type of observing inst. 2 Lewis DPF, Mod. 1907 Class B/M
Type of plotting board 2 W.H. Sub. Mine Mod. 1906
Type and capacity of crane _____
Max. dimensions of reel handled _____

See Fort. Index Plot, Rev. of Apr. 4, 1938

"Symbol now shown

88



REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire Control or Torpedo Structures)

HARBOR

~~COAST~~ DEFENSES OF Narragansett Bay
FORT Greble, R.I.
STRUCTURE Fire Command Station
(Old F' - obsolete)

Form 2. Corrected to December 1, 1925.

Location 530' / N.E. of Gun No. 1 Battery Hale Type of data transmission _____

Date of transfer June 27, 1903. Date of transfer _____

Cost to that date \$2153.89 Cost of data transmission _____

Type of construction Brick equipment _____

(a) Roof Reinf. concrete, Translucent glass For tide stations give descrip-

(b) Remainder of bldg. Brick tion of tide gauge _____

How concealed Partially by landscape in rear For datum points give Ports

How protected Not protected from which visible _____

Height above concealment 0 to 14' For dormitories give

Height above protection 14' stations served _____

Conspicuous at 1000 .. yards. For cable hut give

Source of electric current Empl. plant, Battery Mitchell S. C. type _____

Kilowatts required 0.1

Type of lighting fixtures Commercial

How heated Not heated

Connected to water mains No

Connected to sewer No

Type of latrine None

Permanent or temporary

installation Permanent

Present condition Good

Reference of site 73.9' above M.L.W.

Reference of instrumental

axis. 82.8' above M.L.W.

Type of observing inst. -

Type of plotting board -

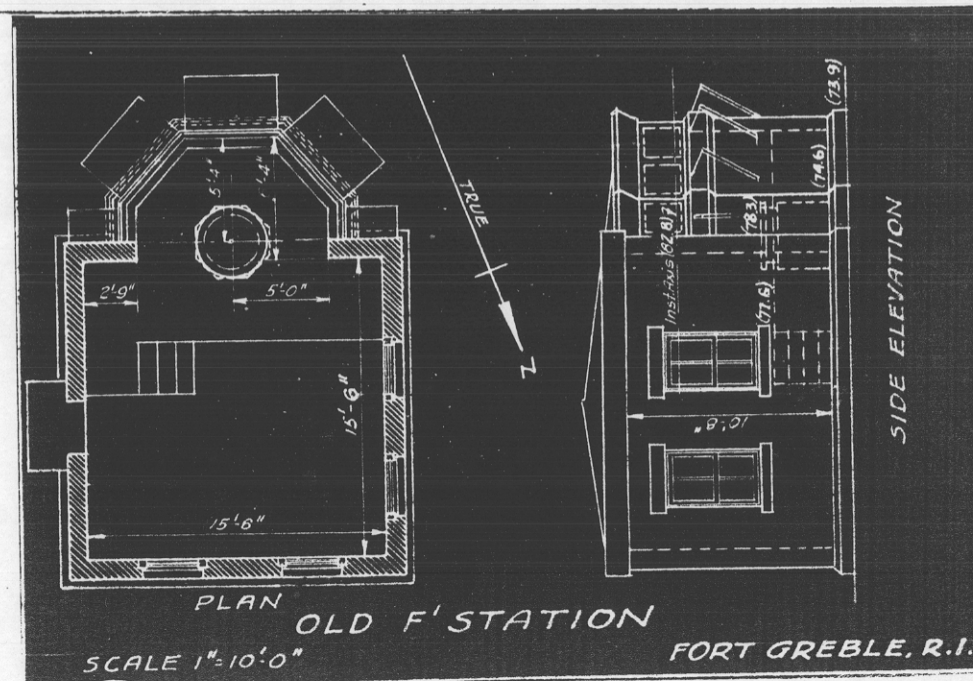
Type and capacity of crane -

Max. dimensions of reel

handled -

See Fort. Index Plot, Rev. of Apr. 4, 1938;

"Symbol now shown" 



REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire Control or Torpedo Structures)

HARBOR

~~COAST~~ DEFENSES OF Narragansett Bay
FORT Greble, R. I.
STRUCTURE Primary and B.C. Station
B'-B.C.(Hale)

Form 2. Corrected to December 1, 1925.

Location 450' N.E. of Gun No. 1 Battery Hale Type of data transmission _____ Telephones _____

Date of transfer June 19, 1900 Date of transfer _____

Cost to that date \$4044.33 Cost of data transmission _____

Type of construction Wooden structure on steel tower equipment _____

(a) Roof Sheet iron For tide stations give descrip-
tion of tide gauge _____

(b) Remainder of bldg. Wood For datum points give Forts
from which visible _____

How concealed Partly by natural features of ground For dormitories give
stations served _____

How protected Not protected For cable hut give
S. C. type _____

Height above concealment 0' to 25'

Height above protection 25.0'

Conspicuous at 6000 yards.

Source of electric current Empl. Plant, Bat. Mitchell

Kilowatts required 0.05

Type of lighting fixtures Commercial

How heated Not heated

Connected to water mains No

Connected to sewer No

Type of latrine None

Permanent or temporary
installation Permanent

Present condition Good

Reference of site 67.0' above M.L.W.

Reference of instrumental
axis. 82.8' above M.L.W.

Type of observing inst. Swasey D.P.F. Type A-2.W&S Az.

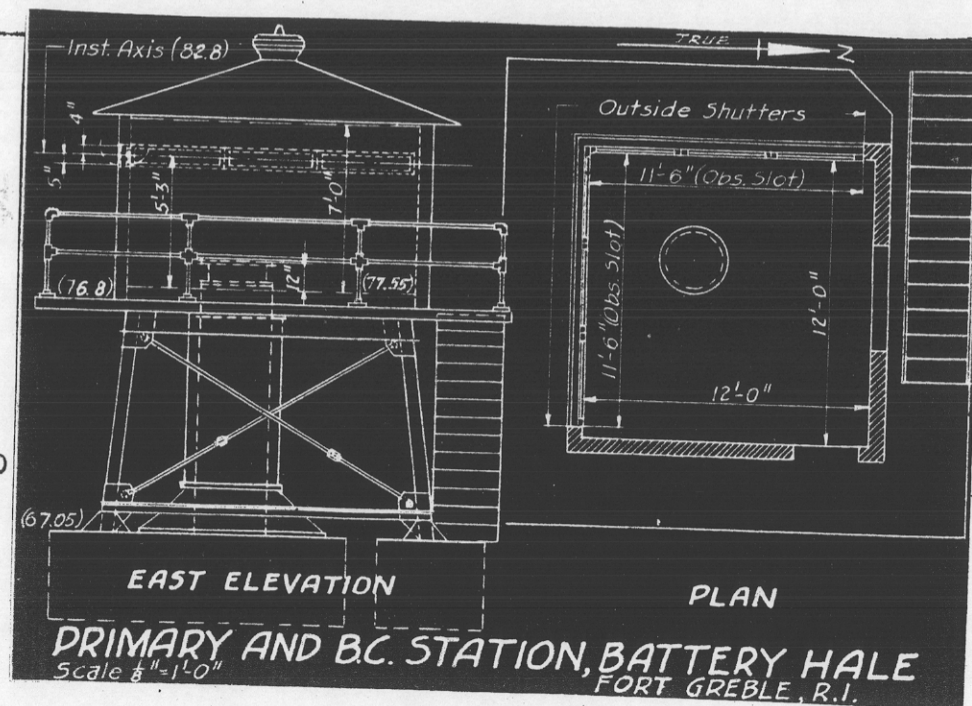
Type of plotting board - / Inst. Mod. 1900

Type and capacity of crane -

Max. dimensions of reel
handled -

See Fort. Index Plat. Rev. of Apr. 4, 1938;

"Symbol shown as ".



REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire Control or Torpedo Structures)

HARBOR
~~COAST~~ DEFENSES OF Narragansett Bay
FORT Greble, R. I.
STRUCTURE Supplementary Station
(B^{III} Sedgwick)

Form 2. Corrected to December 1, 1925.

Location 300' $\frac{1}{2}$ E of Gun No.1, Battery Mitchell Type of data transmission _____ Telephones _____

Date of transfer June 27, 1903 Date of transfer _____

Cost to that date \$5,026.00 Cost of data transmission _____

Type of construction Brick (tower) equipment _____

(a) Roof Concrete, with translucent glass For tide stations give descrip-
tion of tide gauge _____

(b) Remainder of bldg. Brick For datum points give Forts
from which visible _____

How concealed Not concealed For dormitories give
stations served _____

How protected Not protected For cable hut give
S. C. type _____

Height above concealment 33.0'

Height above protection 33.0'

Conspicuous at 6000 yards.

Source of electric current Empl. plant, Bat. Mitchell

Kilowatts required 0.1

Type of lighting fixtures Commercial

How heated Not heated

Connected to water mains No

Connected to sewer No

Type of latrine None

Permanent or temporary
installation Permanent

Present condition Good

Reference of site 70.4' above M.L.W.

Reference of instrumental
axis 98.7' above M.L.W.

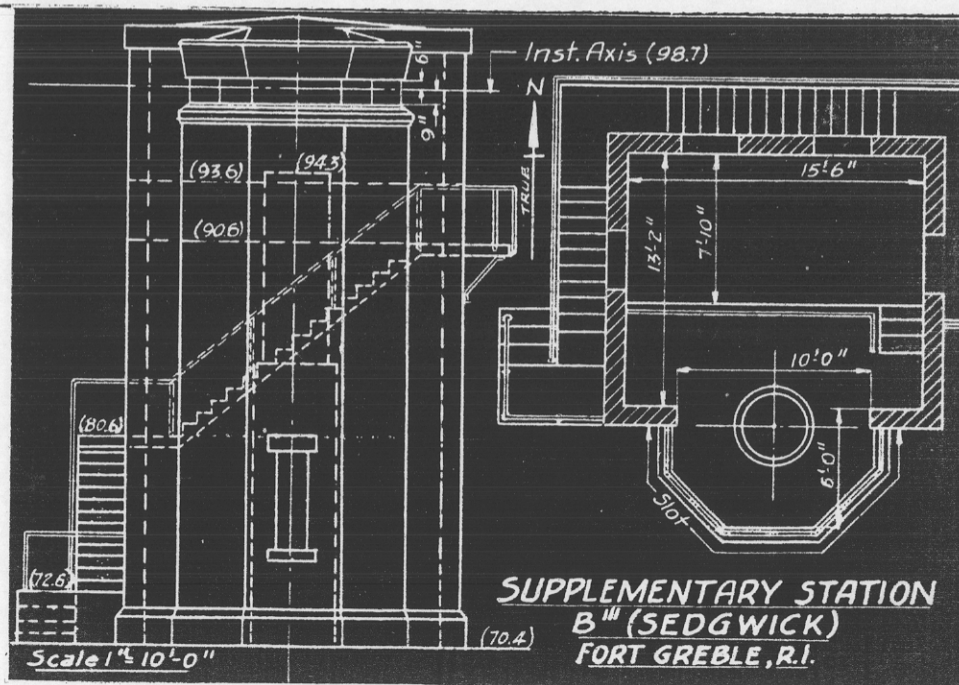
Type of observing inst. Swasey D.P.F. Type A-2

Type of plotting board -

Type and capacity of crane -

Max. dimensions of reel
handled -

* See Fort. Index Plat, Rev. of Apr. 4, 1938;
"Letter M removed from plat, Symbol
now shown $\bigcirc$ ".



REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire Control or Torpedo Structures)

HARBOR Narragansett Bay
~~COAST~~ DEFENSES OF Greble, R. I.
FORT Tide Station
STRUCTURE Tide Station

Form 2. Corrected to December 1, 1925.

Location In waiting room, S. side of Q.M. wharf Type of data transmission _____ Telephone _____

Date of transfer July 17, 1908. Date of transfer _____

Cost to that date \$125 Cost of data transmission _____

Type of construction Room partitioned off. equipment _____

(a) Roof Wood shingle For tide stations give descrip-

(b) Remainder of bldg. Wood tion of tide gauge Metal float with rod and crosshead.

How concealed Inside of waiting room For datum points give Forts

from which visible _____

How protected Not protected. For dormitories give

stations served _____

Height above concealment - For cable hut give

Height above protection 20' ± S. C. type _____

Conspicuous at yards. Not conspicuous.

Source of electric current None

Kilowatts required None

Type of lighting fixtures None

How heated Not heated

Connected to water mains No

Connected to sewer No

Type of latrine None

Permanent or temporary

installation Permanent

Present condition Fair

Reference of site Floor, 9.2' ± above M.L.W.

Reference of instrumental

axis. -

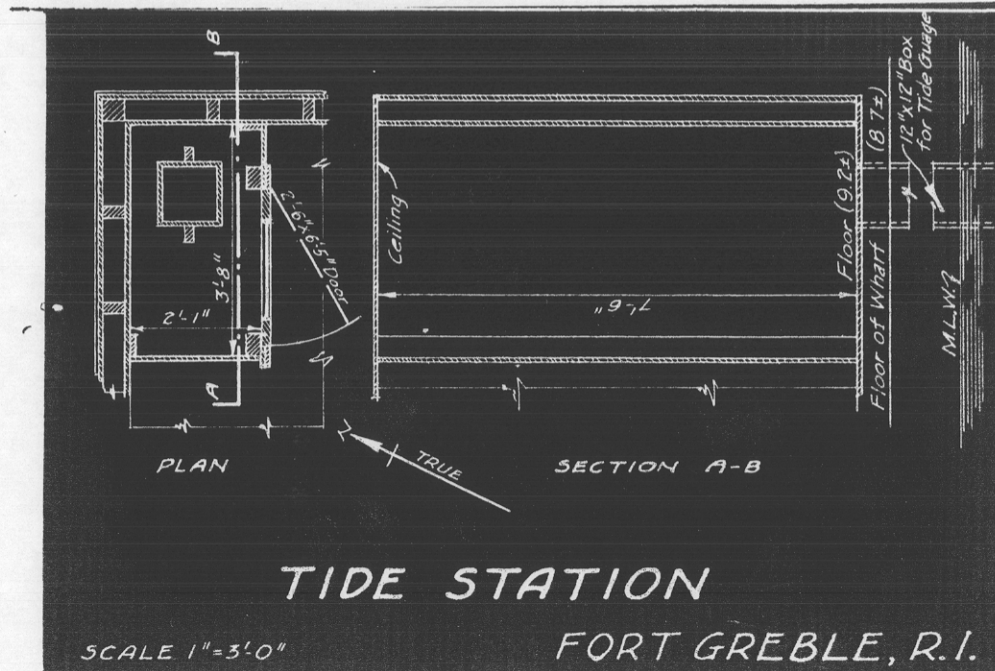
Type of observing inst. -

Type of plotting board -

Type and capacity of crane -

Max. dimensions of reel

handled -



Removed: - See Index Plat revision Oct 10, 1934.
Both symbol + structure removed from plat

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire Control or Torpedo Structures)

COAST DEFENSES OF Narragansett Bay.....
FORT Greble, R. I......
STRUCTURE .. F. O. Cable Terminal Hut.....

Form 2. Corrected to July 20, 1923.

Location On west shore, 140' S.W. of 60" S.L. Power Plant
& Shelter.

Type of data transmission _____

Date of transfer July 6, 1923.

Date of transfer _____

Cost to that date \$992.31

Cost of data transmission _____

Type of construction _____

equipment _____

(a) Roof Reinforced concrete.

For tide stations give descrip-

(b) Remainder of bldg. Concrete

tion of tide gauge _____

How concealed Earth embankment

For datum points give Forts

from which visible _____

How protected Earth Embankment

For dormitories give

stations served _____

Height above concealment 5' - high point of reef

For cable hut give

S. C. type _____

Height above protection 5' - high point of reef

Type C.

Conspicuous at 500.. yards. on west.

Source of electric current None

Kilowatts required _____

Type of lighting fixtures _____

How heated _____

Not heated

Connected to water mains _____

No

Connected to sewer _____

No

Type of latrine _____

None

Permanent or temporary

installation _____

Permanent

Present condition _____

Good

Reference of site Cable Pit Floor 9.65' above M.L.W.

Reference of instrumental

axis. _____

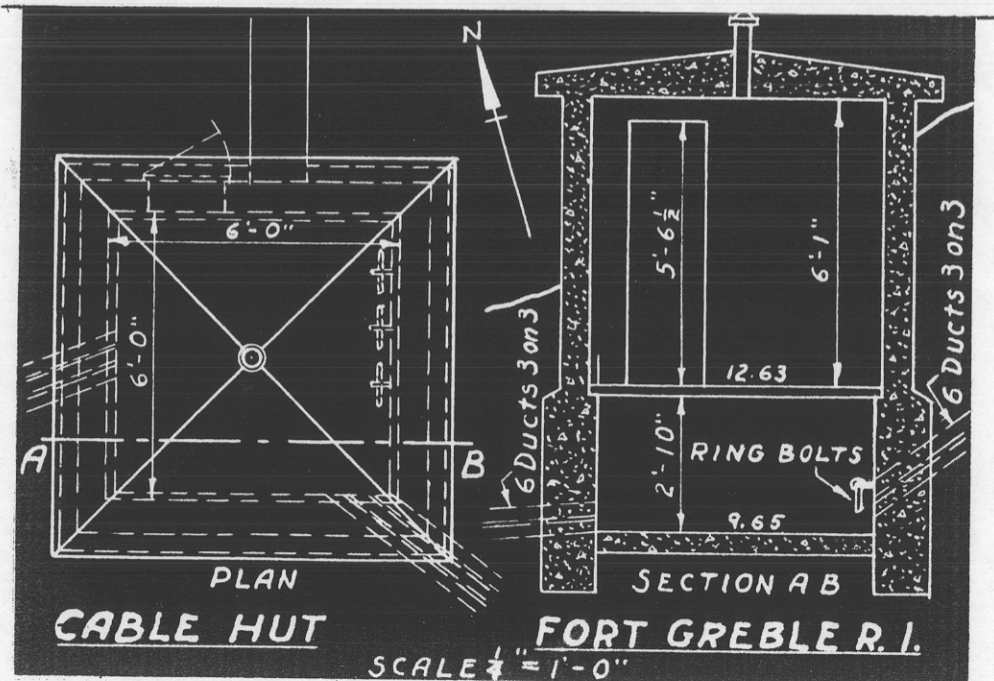
Type of observing inst. _____

Type of plotting board _____

Type and capacity of crane _____

Max. dimensions of reel

handled _____



Transferred - See C. of 660 K-90. Dated Jan. 28, 19: V

REPORT ON COMPLETED WORKS - SEACOST FORTIFICATIONS

COAST DEFENSES OF Narragansett Bay.

(Wharf and Tramway)

WHARF AND TRAMWAY

Form 3

Corrected to Sept. 1, 1921.

Ft. Greble

WHARF

Location

Port Greble.

Date of transfer

Not transferred.

Cost

Stone portion unknown,
Pile \$11,350.00

Paid for by

U. S. N. D.

Type of Construction

Stone & Pile

Depth of water datum

16.0'

Mean range of tide

3.75

Davits installed

None

Type and capacity

None

of derrick

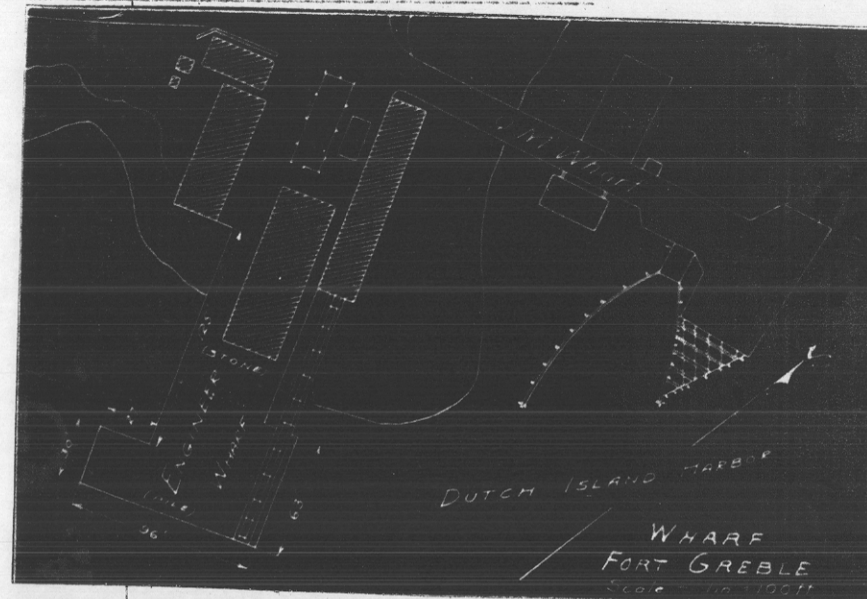
Wharf used by

C. A. & G. L. B.

Condition

Good

Remarks.



TRAMWAY

Location

Fort Greble Wharf

Date of transfer

Not transferred.

Cost

Unknown

Length

325'

Gauge

36

Steepest grade

None,

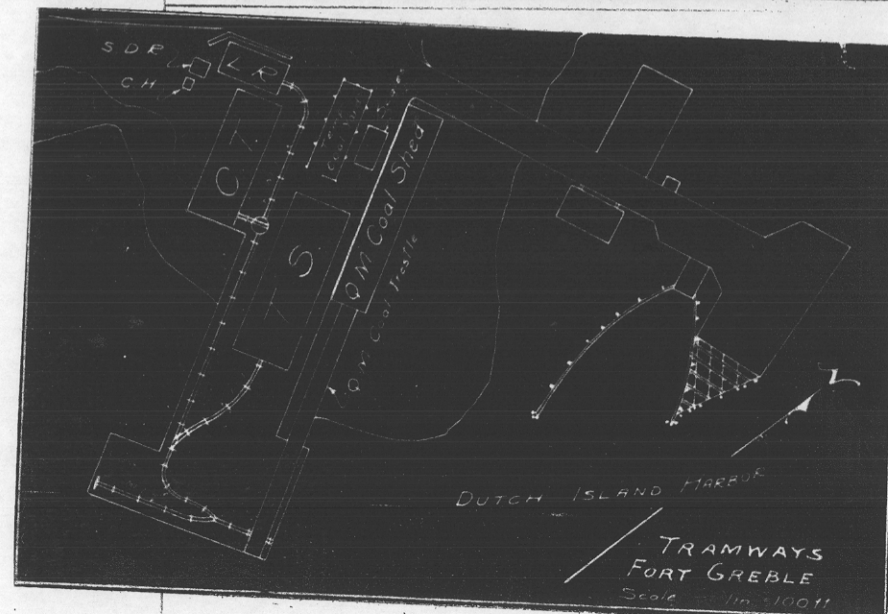
Equipment

flat land cars.

Condition

Good.

Remarks



Transferred - see C.O. 660K-90. Dated Jan. 28, 1930.

REPORT ON COMPLETED WORKS - SEACOAST FORTIFICATIONS

COAST DEFENSES OF Narragansett Bay.

(Wharf and Tramway)

WHARF AND TRAMWAY

Form 3

Corrected to

Sept. 1, 1921.

Ft. Greble

WHARF

Location

Port Greble.

Date of transfer

Not transferred.

Cost

Stone portion unknown,
Pile \$11,350.00

Built for by

U. S. E. D.

Type of Construction

Stone & Pile

Depth of water datum

16.0'

Mean range of tide

3.75

Davits installed

None

Type and capacity
of derrick

None

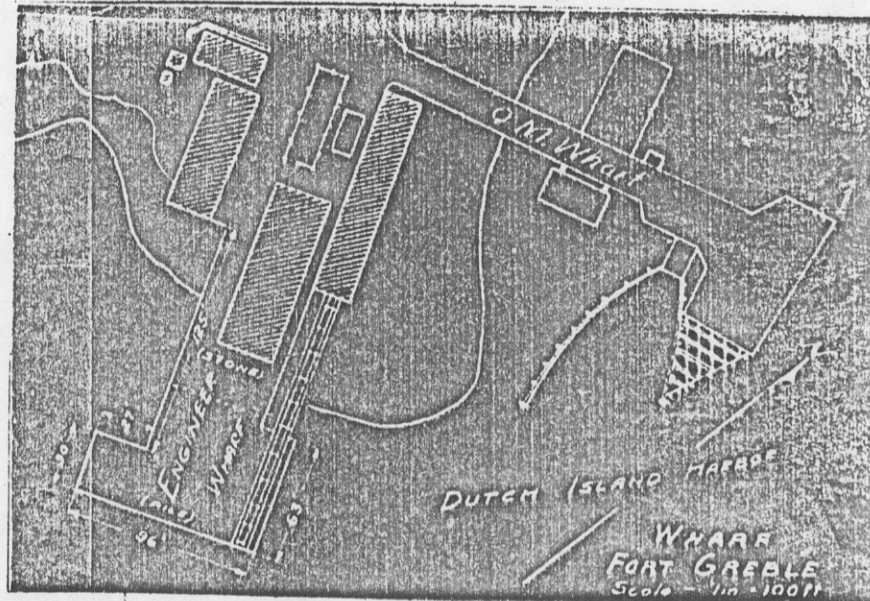
Wharf used by

C. A. & G. M. D.

Condition

Good

Remarks.



TRAMWAY

Location

Port Greble Wharf

Date of transfer

Not transferred.

Cost

Unknown

Length

525'

Gauge

36

Steepest grade

None

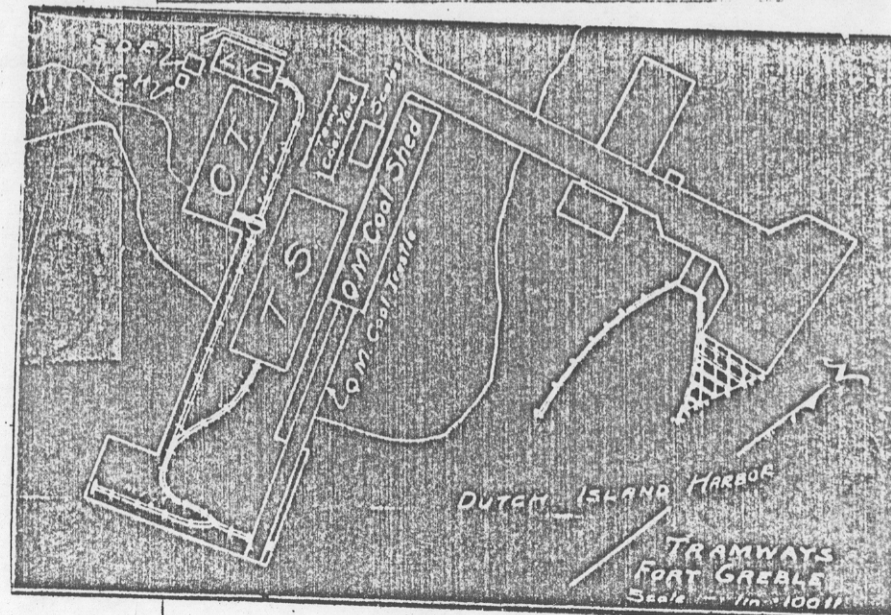
Equipment

flat hand cars.

Condition

Good.

Remarks



REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.

COAST DEFENSES OF Narragansett Bay.
FORT Greble.

Form 6.

Corrected to Sept. 1, 1921.

ENGINEER DEPARTMENT STRUCTURES.

On this sheet list any existing structures of a permanent or semipermanent nature used wholly or in part by the Engineer Department, such as wharves, storehouses, quarters, offices, buildings, railroads and railroad equipment, giving for each a short description, dimensions, materials of construction, present use, location, etc., and cost if known.

OFFICE & STOREHOUSE: On west side of reservation, near pumping station; 22' x 65'; one story wooden structure with shingled roof; used for storage of materials and tools; cost unknown.

STOREHOUSE: In Engineer yard on west side of reservation; 30' x 72'; one story wooden structure with asbestos slate roof; used for carpenter shop and general storehouse; Cost unknown.

BLACKSMITH SHOP: In Engineer yard on east side of reservation; 30' x 35'; one story wooden structure with shingled sides and roof; used for blacksmith shop and storage of tools, etc.; Cost unknown.

Removed -
See Index Plate
Revision Oct. 10,
1934.

To be torn
down (Narragansett Bay)
634 (Nor. Bay)
3/11/27

NOTE: This Sheet Supersedes Sheet dated June 15, 1925

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Gun and Mortar Batteries.)

HARBOR DEFENSES OF Narragansett Bay, R.I.
FORT Greble
BATTERY Hale

Form 1 Corrected to November 1, 1927. No. of guns 3 Caliber 10" Carriage Dis. L.F.

Battery commenced March 1897 : Source of electric current Emplacement plant in Battery Mitchell
Battery completed May 1898 : (2 25KW sets)
Date of transfer June 6, 1898 : Max. KW required for lights 6.
Material of construction Concrete : Max. KW required for motors 30.
Portland or Rosendale cement Rosendale with Portland facing.
Cost to date of transfer \$99,034.66 (See back of form)
Connected to water supply Yes : Present condition of battery Poor
Connected to sewer No : Rooms wet or dry Wet
Type of latrine None :
Type of data transmission None : How ventilated Grating doors and 20" air shafts with solid
Trunnion elevation in battery #1 76.17'; #2 76.15' hinged tops.
#3 76.18'. : Remarks:
Datum plane M.L.W. (which is 1.31' above local datum)

ARMAMENT

Emplace- ment or	Guns and Mortars	Carriages
Mortar No. : Cal. : Length : Model : Serial No. : Manufacturer : Mounted : Type : Model : Serial No. : Manufacturer : Motor		
1	10" : 28' 4" : 1888 MII : 9 : Bethlehem Iron Co. : Oct. '01 : Dis. : 1896 : 15 : Southwark : Retracting	
2	10" : do. : 1888 MII : 12 : do. : do. : " : do : 16 : Fdry & Mach. : do.	
3	10" : do. : 1888 MII : 50 : do. : do. : " : do : 17 : Do. : do.	

See 660.2-14, 9th Ind. : To be reported to Chief of Ordnance
for shipping instructions. May be used in replacing guns :
#38 + #47 at Btry. Barlow, Ft. H.G. Wright

See 660.2-14, 9th Ind. : Remove breech mechanisms & report
them to Chief of Ordnance for shipping instructions. Sell
tubes as surplus. #9 gun fired 145 rounds, #12 fired 164 rounds

HOISTS

See 660.2-14, 9th Ind. : Carriages to be sold as scrap, retaining
for use as spares the parts listed in correspondence, reporting them
to Chief of Ordnance by weight for shipping instructions.

Emplace- ment No.	Type	Delivery	Serial No.	Maker	H.P.	Volts	RPM	Type of control	Date of transfer	Remodeled for long points
1	T-R	Back	91113	Gen. Elec. Co.	5	110	1060	R 67 136186	Apr. 1905	Yes
2	T-R	"	88777	do.	5	110	1060	R 67 136187	do	"
3	T-R	"	91116	do.	5	110	1060	R 67 136174	do	"

* See Fort. Index Plat, Rev. of Apr. 4, 1938
"Armament not required in Project"

Supersedes sheet dated Sept. 1, 1921.