

Mr. Bossart

665.1. LP

SECRET

MODERNIZATION PROGRAM
HARBOR DEFENSES
OF
NARRAGANSETT BAY

Y NO. 4

1941

665.1. LP

Incl

S E C R E T

Tracings in Map Cabinet 1-3

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Army Base, Boston, Massachusetts

August 1, 1941

Proceedings of a Local Board of Officers convened pursuant to letter, Headquarters 1st Corps Area (AG 660.2), February 12, 1941, subject: "Board of Officers", and letter, Headquarters 1st Corps Area (AG 660.2), June 30, 1941, subject: "Board of Officers", for the purpose of recommending the details of installation of defensive elements within the Harbor Defenses of Narragansett Bay.

S E C R E T

S E C R E T

ORDERS APPOINTING THE BOARD

HEADQUARTERS FIRST CORPS AREA
Office of the Corps Area Commander

AG 660.2

Army Base, Boston, Mass.,
February 12, 1941.

SECRET

Auth: C.G., FCA

Initials:

Date: Feb. 12, 1941

Subject: Board of Officers.

1. The following boards of officers appointed by Secret letters, this headquarters, October 23, 1940, file number and subject as above, as amended by Secret letters, this headquarters, November 6, 1940, in compliance with paragraph 10, Secret letter, War Department, AGO, September 25, 1940, AG 660.2 (9-11-40) M-WPD-M, subject: "Modernization of Harbor Defense Projects, Continental United States," are dissolved:

Harbor Defenses of Portsmouth
Harbor Defenses of Portland
Harbor Defenses of Boston
Harbor Defenses of New Bedford,
Narragansett Bay and Long Island Sound

2. Under the provisions of paragraph 10, Secret letter, War Department, AGO, September 25, 1940, AG 660.2 (9-11-40) M-WPD-M, subject: "Modernization of Harbor Defense Projects, Continental United States," boards consisting of the following-named officers, are appointed to meet at the call of the presidents thereof:

Harbor Defenses of Portsmouth

Major General Thomas A. Terry, O-2355, U.S. Army, President.
Colonel James H. Van Horn, O-1996, Signal Corps.
Colonel Charles M. Steese, O-2796, Ordnance Department.
Colonel Walter K. Dunn, O-2869, Coast Artillery Corps.
Colonel Vernon L. Burge, O-5511, Air Corps.
Colonel John A. Baird, O-3200, Chemical Warfare Service.
Lieut. Colonel Leonard B. Gallagher, O-7646, Corps of Engineers.
Major Horton W. Stickle, O-13595, Corps of Engineers.
Lieut. Colonel James G. Devine, O-6540, Coast Artillery Corps, Recorder.

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S E C R E T

Harbor Defenses of Portland

Major General Thomas A. Terry, O-2355, U. S. Army, President.
Brig. General Robert C. Garrett, O-2539, U. S. Army.
Colonel James H. Van Horn, O-1996, Signal Corps.
Colonel Charles M. Steese, O-2796, Ordnance Department.
Colonel Vernon L. Burge, O-5511, Air Corps.
Colonel John A. Baird, O-3200, Chemical Warfare Service.
Lieut. Colonel Leonard B. Gallagher, O-7646, Corps of Engineers.
Major Horton W. Stickle, O-13595, Corps of Engineers.
Lieut. Colonel James G. Devine, O-6540, Coast Artillery Corps, Recorder.

Harbor Defenses of Boston

Major General Thomas A. Terry, O-2355, U. S. Army, President.
Colonel James H. Van Horn, O-1996, Signal Corps.
Colonel Monte J. Hickok, O-2625, Coast Artillery Corps.
Colonel Charles M. Steese, O-2796, Ordnance Department.
Colonel Vernon L. Burge, O-5511, Air Corps.
Colonel John A. Baird, O-3200, Chemical Warfare Service.
Lieut. Colonel Leonard B. Gallagher, O-7646, Corps of Engineers.
Major Horton W. Stickle, O-13595, Corps of Engineers.
Lieut. Colonel James G. Devine, O-6540, Coast Artillery Corps, Recorder.

Harbor Defenses of New Bedford, Narragansett Bay and Long Island Sound

Major General Thomas A. Terry, O-2355, U. S. Army, President.
Colonel James H. Van Horn, O-1996, Signal Corps.
Colonel Thomas H. Jones, O-2892, Coast Artillery Corps (For L.I.S., only)
Colonel Vernon L. Burge, O-5511, Air Corps.
Colonel John A. Baird, O-3200, Chemical Warfare Service.
Colonel Randolph T. Pendleton, O-3217, Coast Artillery Corps,
(For Narr. Bay, only)
Lieut. Colonel John S. Bragdon, O-3770, Corps of Engineers.
Lieut. Colonel Charles J. Herzer, O-4545, Coast Artillery Corps.
(For New Bedford, only)
Lieut. Colonel Lee S. Dillon, O-7649, Corps of Engineers.
(For HD of L.I.S. Montauk Pt., only)
Major Horton W. Stickle, O-13595, Corps of Engineers.
Lieut. Colonel James G. Devine, O-6540, Coast Artillery Corps, Recorder.

By command of Major General WOODRUFF:

ROBERT L. COLLINS,
Colonel, A. G. D.,
Adjutant General.

Distribution:

1 ea. off	1 Ch. of Engineers	1 CG HD of Portland
1 Ch. Sig. Off.	1 AG File, HFCA	1 CO HD of Boston
1 Ch. of Ord.	2 T.A.G.	1 CO HD of New Bedford
1 Ch. of C.A.	10 CG 1st CAD	1 CO HD of Narr. Bay
1 Ch. of A.C.	1 CO HD of Portsmouth	1 CO HD of L.I. S.
1 Ch. of C.W.S.		

S E C R E T

HEADQUARTERS FIRST CORPS AREA
Office of the Corps Area Commander

AG 660.2

Army Base, Boston, Mass.,
June 30, 1941.

SECRET

Auth: C. G., FCA

Initials:

Date: June 30, 1941.

Subject: Board of officers.

1. The following boards of officers appointed by Secret letter, this headquarters, February 12, 1941, file number and subject as above, in compliance with paragraph 10, Secret letter, War Department, AGO, September 25, 1940, AG 660.2 (9-11-40) M-WPD-M, subject: "Modernization of Harbor Defense Projects, Continental United States," are dissolved:

Harbor Defenses of Portsmouth
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Harbor Defenses of Boston
Harbor Defenses of New Bedford,
Narragansett Bay and Long Island
Sound

2. Under the provisions of paragraph 10, Secret letter, War Department, AGO, September 25, 1940, AG 660.2 (9-11-40) M-WPD-M, subject: "Modernization of Harbor Defense Projects, Continental United States," boards consisting of the following-named officers, are appointed to meet at the call of the presidents thereof:

Harbor Defenses of Portsmouth

Major General Thomas A. Terry, O-2355, U. S. Army, President.
Colonel James H. Van Horn, O-1996, Signal Corps.
Colonel Walter K. Dunn, O-2869, Coast Artillery Corps.
Colonel Charles H. Traeger, O-2942, Ordnance Department.
Colonel Vernon L. Burge, O-5511, Air Corps.
Lieut. Colonel Leonard B. Gallagher, O-7646, Corps of Engineers.
Major Horton W. Stickle, O-13595, Corps of Engineers.
Major Walter A. Guild, O-206210, Chemical Warfare Service.
Lieut. Colonel James G. Devine, O-6540, Coast Artillery Corps, Recorder.

Harbor Defenses of Portland

Major General Thomas A. Terry, O-2355, U. S. Army, President.
Brig. General Robert C. Garrett, O-2539, U. S. Army.
Colonel James H. Van Horn, O-1996, Signal Corps.
Colonel Charles H. Traeger, O-2942, Ordnance Department.
Colonel Vernon L. Burge, O-5511, Air Corps.
Lieut. Colonel Leonard B. Gallagher, O-7646, Corps of Engineers.
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Lieut. Colonel James G. Devine, O-6540, Coast Artillery Corps, Recorder.

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S E C R E T

Harbor Defenses of Boston

Major General Thomas A. Terry, O-2355, U. S. Army, President.
Brig. General Kenneth T. Blood, O-3219, U. S. Army.
Colonel James H. Van Horn, O-1996, Signal Corps.
Colonel Charles H. Traeger, O-2942, Ordnance Department.
Colonel Vernon L. Burge, O-5511, Air Corps.
Lieut. Colonel Leonard B. Gallagher, O-7646, Corps of Engineers.
Major Horton W. Stickle, O-13595, Corps of Engineers.
Major Walter A. Guild, O-206210, Chemical Warfare Service.
Lieut. Colonel James G. Devine, O-6540, Coast Artillery Corps, Recorder.

Harbor Defenses of New Bedford, Narragansett Bay and Long Island Sound

Major General Thomas A. Terry, O-2355, U. S. Army, President.
Brig. General Ralph E. Haines, O-2891, U. S. Army. (For Narr. Bay, only)
Colonel James H. Van Horn, O-1996, Signal Corps.
Colonel Thomas H. Jones, O-2892, Coast Artillery Corps (For L.I. S. only)
Colonel Charles H. Traeger, O-2942, Ordnance Department.
Colonel Vernon L. Burge, O-5511, Air Corps.
Lieut. Colonel Charles J. Herzer, O-4545, Coast Artillery Corps (For New Bedford, only)
Lieut. Colonel Harley Latson, O-6917, Corps of Engineers.
Lieut. Colonel Lee S. Dillon, O-7649, Corps of Engineers (For HD of L.I.S. Montauk Point, only)
Major Horton W. Stickle, O-13595, Corps of Engineers.
Major Walter A. Guild, O-206210, Chemical Warfare Service.
Lieut. Colonel James G. Devine, O-6540, Coast Artillery Corps, Recorder.

By command of Brigadier General WILBY:

ROBERT L. COLLINS,
Colonel, A. G. D.,
Adjutant General.

Distribution:

1 ea. off.	1 Ch. of Engineers	1 CG HD of Portland
1 Ch. Sig. Off.	1 AG File, HFCA	1 CG HD of Boston
1 Ch. of Ord.	2 T. A. G.	1 CO HD of New Bedford
1 Ch. of C. A.	10 CG 1st C.A.D.	1 CG HD of Narr. Bay
1 Ch. of A. C.	1 CO HD of Portsmouth	1 CO HD of L.I.S.
1 Ch. of C. W. S.		

S E C R E T

1. Pursuant to instructions contained in the foregoing letter orders, the board met February 15, 1941, and thereafter until August 1, 1941. All members or their authorized representatives were present at all meetings.

2. The Board studied the existing Approved Basic Project, the Annexes to the Harbor Defense Project, Harbor Defenses of Narragansett Bay, current official manuals pertaining to Harbor Defense installation and the correspondence listed in these proceedings.

3. The President of the board, Major General T. A. Terry announced that the following listed Coast Artillery Officers had been detailed to work with the board to assist in preparing and presenting the details incident to the report of the Board:-

Lieut. Col. Russell T. George	CAC	H.D. Narragansett Bay
Lieut. Col. Harry W. Lins	CAC	H.D. Portland
Lieut. Col. Victor G. Schmidt	CAC	H.D. Long Island Sound
Lieut. Col. Edward G. Cowen	CAC	H.D. Portsmouth
Major Ben E. Cordell	CAC	H.D. Boston
1st Lt. Richard L. Norton	CAC	H.D. New Bedford

4. Each of the above officers presented the recommendations of his Harbor Defense Commander and represented him in the detailed studies of the Board.

5. Two groups were organized. One group consisting of three officers and a representative of the District Engineer, Boston, prepared the detailed studies and estimates for the Harbor Defenses of Boston, Portsmouth, and Portland. A second group of three officers and a representative of the District Engineer, Providence, prepared the detailed studies and estimates for the Harbor Defenses of New Bedford, Narragansett Bay and Long Island Sound.

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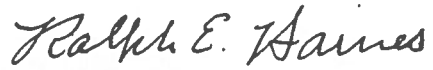
S E C R E T

6. The Commanding General, First Coast Artillery District, supervised and coordinated the work of these groups.

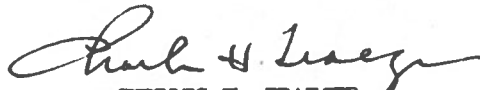
7. After consideration of all the factors involved, the board unanimously agrees in recommending that the defensive elements stated herein be accepted as a basis for the Modernization of the Harbor Defenses of Narragansett Bay and that they be included in the next revision of the Annexes to the Harbor Defense Project.

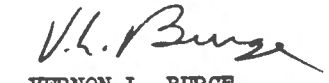
8. The board recommends that these proceedings be considered to be a revision of the Annexes to the Harbor Defense Project and that they serve this purpose until further revision is deemed necessary.


THOMAS A. TERRY,
Major General, U. S. Army,
President


RALPH E. HAINES,
Brigadier General, U. S. Army,
Member


JAMES H. VAN HORN,
Colonel, Signal Corps,
Member

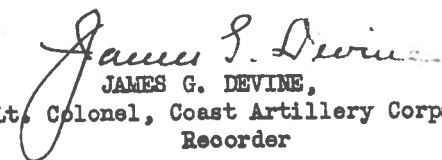

CHARLES H. TRAEGER,
Colonel, Ordnance Department
Member


VERNON L. BURGE,
Colonel, Air Corps,
Member


HARLEY LATSON,
Lt. Colonel, Corps of Engineers,
Member


HORTON W. STICKLE,
Major, Corps of Engineers,
Member


WALTER A. GUILD,
Major, Chemical Warfare Service,
Member


JAMES G. DEVINE,
Lt. Colonel, Coast Artillery Corps,
Recorder

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LOCATION NUMBERS - HARBOR DEFENSES OF NARRAGANSETT BAY

METHOD OF ASSIGNMENT

1. In order that all existing and proposed installations in the First Coast Artillery District may be identified readily and referred to briefly, each locality selected has been given a "Location Number". The series starts at the most southern point and continues from south to north, west to east, and right to left.
2. All location numbers between 1 and 100 are in the Providence or the New York Engineer Districts (Harbor Defenses of Long Island Sound, Narragansett Bay and New Bedford). All numbers above 100 are in the Boston Engineer District (Harbor Defenses of Boston, Portsmouth and Portland).
3. Numbers 1 to 9 in the Providence-New York Districts and 100 to 109 in the Boston District are reserved for future use.
4. Each separate area selected for an installation at a location has been assigned a "Site Number" in accordance with the same rules as for location number assignments.
5. Each installation within a site has been designated by a letter assigned by the above rules. Thus the exact position of B7S7 Battery Gray, located at Cuttyhunk Island is designated as: "Location 57, Site 1-D".

LIST OF LOCATION NUMBERS

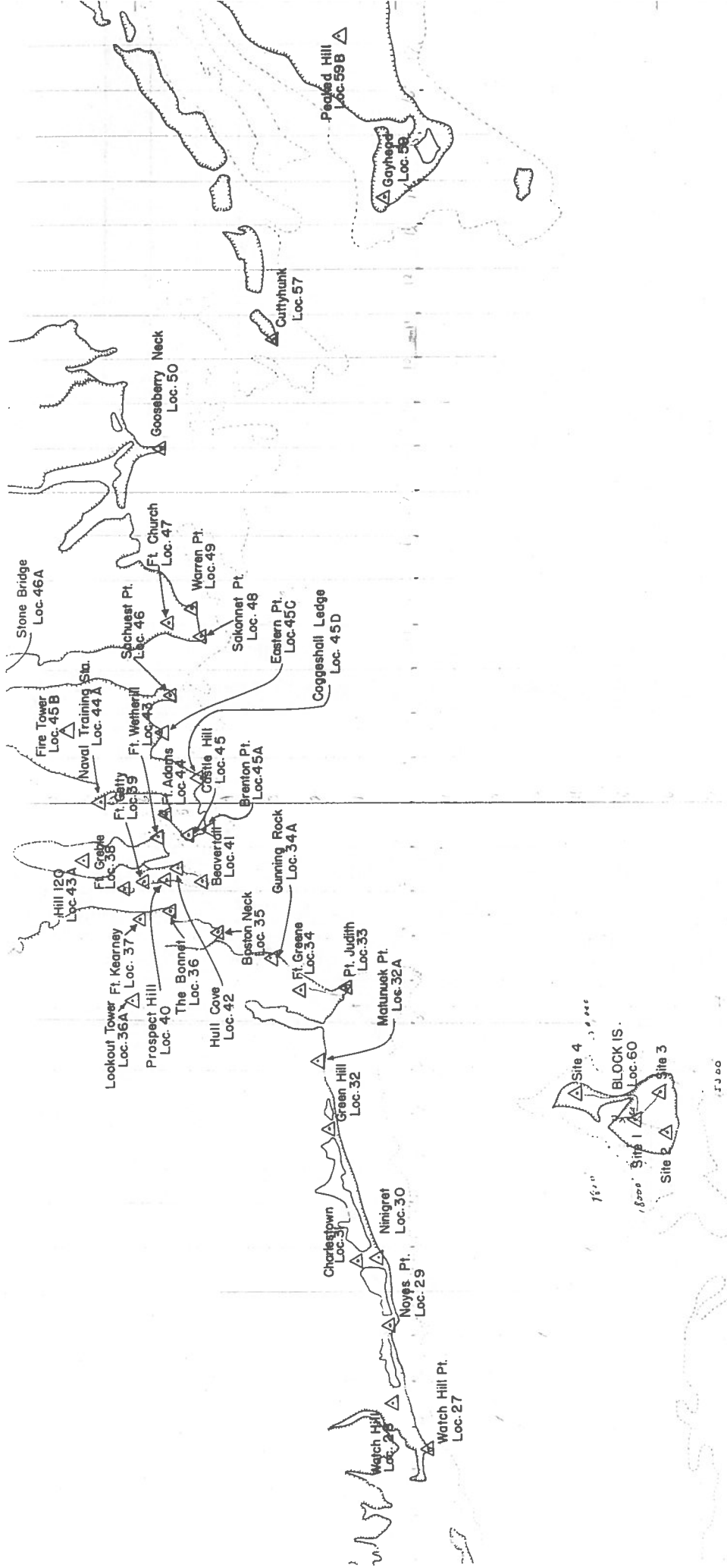
The location numbers listed below are for the Harbor Defenses of Narragansett Bay. The geographic coordinates were scaled from a U.S.C. & G.S. Chart, scale 1/80000. For location map, see Page XI.

<u>Number</u>	<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>
27	Watch Hill Point	41° 18'	71° 51'
28	Watch Hill	41° 19'	71° 50'
29	Noyes Point	41° 20'	71° 45'
30	Ninigret	41° 20'	71° 42'
31	Charlestown	41° 22'	71° 42'
32	Green Hill	41° 22'	71° 36'
32A	Matumuck Point	41° 22'	71° 33'
33	Point Judith	41° 22'	71° 29'
34	Ft. Greene	41° 23'	71° 29'
34A	Gunning Rock	41° 24'	71° 27'
35	Boston Neck	41° 27'	71° 26'
36	The Bonnet	41° 28'	71° 25'
36A	Lookout Tower	41° 30'	71° 29'
37	Ft. Kearney	41° 29'	71° 25'
38	Fort Greble	41° 30'	71° 24'
39	Fort Getty	41° 29'	71° 24'
40	Prospect Hill (R.I.)	40° 28'	71° 23'
41	Beavertail	41° 27'	71° 24'
42	Hull Cove	41° 28'	71° 23'
43	Fort Wetherill	41° 29'	71° 22'
43A	Hill 120	41° 31'	71° 23'
44	Fort Adams	41° 29'	71° 20'
44A	Naval Training Station	41° 31'	71° 20'
45	Castle Hill (R.I.)	40° 28'	71° 22'
45A	Brenton Point	41° 27'	71° 21'
45B	Fire Tower	41° 33'	71° 15'
45C	Eastern Point	41° 29'	71° 17'
45D	Coggeshall Ledge	41° 27'	71° 19'
46	Sachuest Point	41° 28'	71° 15'
46A	Stone Bridge	41° 37'	71° 13'

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LIST OF LOCATION NUMBERS (CONT'D.)

<u>Number</u>	<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>
47	Fort Church	41° 29'	71° 11'
48	Sakonnet Point	41° 27'	70° 11'
49	Warren Point	41° 28'	71° 10'
50	Gooseberry Neck	41° 29'	71° 02'
51	Mishaum Point	41° 31'	70° 57'
52	Round Hill Point	41° 32'	70° 55'
53	Fort Rodman	41° 36'	70° 54'
54	Sconticut Point	41° 35'	70° 51'
55	West Island	41° 35'	70° 49'
56	Angelica Point	41° 38'	70° 46'
57	Cuttyhunk	41° 25'	70° 57'
58	Naushon Island	41° 29'	70° 45'
59	Gay Head	41° 21'	70° 50'
59B	Peaked Hill	70° 44'	41° 21'
60	Block Island	41° 10'	71° 35'

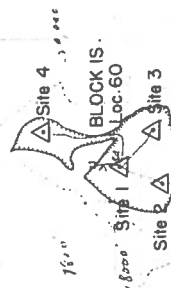


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LOCATION NUMBERS

H.D. OF NARRAGANSETT BAY
To Accompany Method
of Assignment

CHECKED BY <i>ldo</i>	ANNEX -
APPROVED BY <i>RTM</i>	EXHIBIT
	PAGE - XI



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HD of Narragansett Bay

LIST OF REFERENCES

- No 1. Enclosure #6, letter (Secret) Sept. 25, 1940.
AGO file 600.2 (2-11-40) M - WPD - II
Subject - "Modernization of Harbor Defense
Projects Continental Limits of The United
States."
- No 2. Letter (Secret) file 660.2, Hq. F.C.A.D.
Nov. 9, 1940. Subject: Site Board Proceedings
3rd Ind. O.C.C.A. file 662.1/33-K-1.
Jan. 9, 1941. Approved 5th Ind. A.G. file
660.2 (11-9-40) M - WPD -, Jan. 14, 1941.
- No 3. CCA - P - NYNB Aug. 11, 1932
- No 4. Par. 2 C part V Appendix II HD -P - HD of
Narragansett Bay. CCA - P - NYNB Aug. 11, 1932
- No 5. Classification of S.C. Batteries HD of Narr. Bay,
HQ., F.C.A.D., Mar. 11, 1933, and letter (Secret)
"Classification of S.C. Defense Material", HQ.,
F.C.A.D., file 470, Dec. 22, 1933.
- No 6. Augmented Expenditure Program, Seacoast Defense
Funds, H.D. of Narragansett Bay Feb. 20, 1941.

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HD of Narragansett Bay

LIST OF REFERENCES

- No 7. Par 5 b Annex D "Underwater Defenses" (Secret)
Annexes to HD Project, HD of Narragansett Bay.
- No 8. Augmented Expenditure Program, Seacoast Defense
Funds, HD of New Bedford, Feb. 1, 1941.
- No 9. Restricted letter #7, OCCA, June 3, 1941, Subject:
Vessels for Mine Commands.
- No 10. Table A, Ltr., Subject: Revision of AA, Annex
HD Projects, W.D. - OCCA, 660.2 (Secret)
Oct 23, 1940.
- No 11. Pamphlet: Instructions and outline for preparation
of Annexes to Harbor Defense Projects in the Contin-
ental United States, Office Chief of Coast Artillery,
dated November 12, 1940.
- No 12. Pamphlet: Notes on Characteristics and Employment of
Depression Position Finders, Office, Chief of Coast
Artillery, published September 6, 1940.
- No. 13 Pamphlet: Notes on Type Harbor Defense Installation,
Office Chief of Coast Artillery.
- No. 14 Pamphlet: A guide for Preparation of Local Board
Proceedings, Par 1 d , AR 100-20. Office of Chief of
Coast Artillery, dated February 20, 1941.

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WD of Narragansett Bay

LIST OF REFERENCES

- No 15. Letter, Office Chief of Coast Artillery, Jan 29, 1941. Subject: Plans for Storage of Seacoast Artillery Ammunition (Continental United States) with 2 incl., approved by 3rd indorsement, AG 471.88 (1-29-41) M-WPD
- No 16. Letter, Adjutant General's Office, Nov. 1, 1940, Subject: Revision of Anti-Aircraft Annex, Harbor Defense Projects, AG 660.2 AA (10-23-40) M-OCCA, To Commanding General, First Corps Area.
- No 17. Letter Office of the Chief of Coast Artillery, Feb. 20, 1941. Subject: Local Board Activities, Harbor Defense Modernization Program (Continental United States), OCCA 662.1/AK, To Commanding General First Coast Artillery District, with one (1) inclosure.
- No. 18 Proceedings of the Local Joint Planning Committee, New England Sector, file A16-1/ND, 1(762) (AADWPO) dated Mar. 25, 1941. Approval of WD not yet received.

S E C R E T

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S E C R E T

Harbor Defenses of Narragansett Bay

RECAPITULATION OF COST ESTIMATES

An- nex:	Exhibit	Cost					Total
		Engineer	Land	Signal	Ordnance	CWS	
A	10-A-3	\$4,045,000	\$330,300	--	\$2,216,000	--	\$6,591,300
B	1-B-18	--	--	\$711,442	--	--	711,442
B	8-B-19	770,160	--	--	--	--	770,160
B	9-B-36	--	--	98,407	858,110	--	956,517
C	4-C-2	545,000	--	6,125.50	--	--	551,125.50
D	2-D-2	84,500	--	--	--	--	84,500
E	5-E-1	105,000	--	5,995.40	--	--	110,995.40
F	--	--	--	--	--	--	--
G	1-G-4	19,680	--	--	--	80,840	100,520
H	1-H-3	--	158,700	--	--	--	158,700
I	--	--	--	--	--	--	--
J	--	--	--	--	--	--	--
TOTAL		\$5,569,340	\$489,000	\$821,969.90	\$3,074,110	\$80,840	\$10,035,259.90

Note: The above estimates do not include funds already approved in the Augmented Expenditure Program, 1941, Harbor Defenses of Narragansett Bay, and Harbor Defenses of New Bedford.

S E C R E T

ANNEX A

HARBOR DEFENSES OF NARRAGANSETT BAY

1. In the following tabulations of Annex "A" are listed the fixed seacoast batteries now existing or authorized for the Harbor Defenses of Narragansett Bay, together with their proposed positions.

2. After careful study of the required fields of fire and a ground reconnaissance of their sites, the Board recommends that the following batteries be resited:

Battery Armistead - 2-3" Guns, B.C.
Battery House - 2-6" Guns, B.C.
Battery Whiting - 2-3" Guns, B.C.

3. The present and proposed fields of fire of Battery Armistead are indicated in Exhibit 1-A-1. It's primary mission is to protect the west mine field, but in its present position at Fort Kearney (37), it is capable of covering only the eastern half of this mine field. The Board recommends that Battery Armistead be resited at Boston Neck (35) as indicated in Exhibit 1-1-8.

4. Battery House now located at Fort Getty (39), can cover its assigned area, the western mine field, with only one gun at a time. The Board recommends that Battery House be relocated at Boston Neck as shown in Exhibit 1-1-8.

5. Battery Whiting, now located at Fort Getty (39), was sited originally to cover the west mine field which has been moved to a new area at the entrance of the bay and will be protected adequately by Batteries House and Armistead from their proposed locations. The Board recommends that Battery Whiting be resited at Beaver-tail (41), see Exhibit 1-1-14, in a position from which it can cover the east mine field.

6. From their new positions these three batteries will cover the water area west of Brenton Lightship now being considered by the Navy as an anchorage for identification and examination of vessels seeking entrance to Narragansett Bay.

7. In addition to the existing and authorized fixed seacoast batteries which are listed on the following tabulation, the Board recommends that one 155mm mobile gun battery be authorized to protect vital areas not adequately defended by fixed guns, as follows:

<u>Location</u>	<u>Place</u>	<u>No. of Guns</u>	<u>Caliber</u>
45A	Brenton Point	4	155mm

8. This annex includes 37mm gun Anti-Motor Torpedo Boat Defense as authorized by the Local Joint Planning Committee, New England Sector. (See Ref. #18)

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EXHIBITS - ANNEX A

EXHIBIT

CONTENTS

1-A	List of Batteries upon completion of Modernization Program (Form #1)
2-A	Project Batteries (Permanent) (Form #2)
3-A	Batteries "Under Construction" or "To be Constructed" (Form #3)
4-A	Project Batteries (outmoded) (Form #4)
5-A	Batteries No Longer Required (Form #5)
5a-A	37mm Gun Anti Motor Torpedo Boat Defense (Form #5a)
6-A	Tactical Organization Pending Completion of Modernization Program (Form #6)
7-A	Tactical Organization Recommended for Adoption upon Completion of Modernization Program (Form #7)
8-A	Ammunition Allowances (Form #8)
9-A	Additional Bombproof Magazines Required (Form #9)
10-A	Cost Estimate and Priority Guide - Fortification Construction (Form #10)

SECRET

Form #1. Annex A

H. D. of Narragansett Bay

LIST OF BATTERIES UPON COMPLETION OF MODERNIZATION PROGRAM

Battery		No. &	Directrix	Field of Fire		
Tac. No.	Loc. No.	Name or Construction Number	Cal. : Gun : Present : Recommended : Limit : Limit	Left : Right		
1	34	Const. No. 109	2-16" 1 325°00' NoChange	252°30' 37°30'	Green	
			2 325°00' NoChange	252°30' 37°30'		
2	34	Const. No. 108	2-16" 1 348°00' NoChange	275°30' 60°30'	Green	
			2 348°00' NoChange	275°30' 60°30'		
3	33	Const. No. 211	2-6" 1 21°00' 358°00'	278°00' 78°00'	Green	
			2 21°00' 358°00'	278°00' 78°00'		
4	35	House	2-6" 1 65°00'	310°00' 180°00'		
			2 65°00' :	310°00' 180°00'	Brown	
			Now at	Now at	Now at	
			Loc. 39	Loc. 39	Loc. 39	
			1 305°00'	225°00' 25°00'		
			2 305°00'	225°00' 25°00'		
			(When Battery is resited at Loc. 35)			
5	35	Armistead	2-3" 1 288°00'	220°00' 356°00'		
			BC 2 267°30'	185°00' 350°00'	Brown	
			Now at	Now at	Now at	
			Loc. 37	Loc. 37	Loc. 37	
			260°00'	190°00' 330°00'		
			260°00'	190°00' 330°00'		
			(When battery is resited at Loc. 35)			
6	41	Whiting	2-3" 1 58°00'	333°00' 143°00'		
			2 60°30'	338°00' 133°00'		
			Now at	Now at	Brown	
			Loc. 39	Loc. 39	Loc. 39	
			285°00'	215°00' 355°00'		
			285°00'	215°00' 355°00'		
			(When battery is resited at Loc. 41)			
7	41	Const. No. 213	2-6" 1 328°00' NoChange	248°00' 48°00'	Brown	
			2 328°00' NoChange	248°00' 48°00'		
8	41	Const. No. 110	2-16" 1 332°00' NoChange	259°30' 44°30'	Brown	
			2 332°00' NoChange	259°30' 44°30'		
9	43	Dickenson	2-6" 1 0°00' NoChange	220°00' 140°00'	Brown	
			2 0°00' NoChange	220°00' 140°00'	Brown	
10	43	Crittenden	2-3" 1 347°30' NoChange	280°00' 55°00'		
			BC 2 346°30' NoChange	270°00' 63°00'		
11	47	Gray (Const. No. 107)	2-16" 1 355°00' NoChange	282°30' 67°30'	Green	
			2 355°00' NoChange	282°30' 67°30'		
12	47	8" Sakonnet Pt.	2-8" 1 0°00' NoChange	287°30' 72°30'	Green	
			2 0°00' NoChange	287°30' 72°30'		
13	48	Const. No. 212	2-6" 1 347°00' NoChange	267°00' 67°00'	Green	
			2 347°00' NoChange	267°00' 67°00'		

NOTE: * Enter these data for each gun.

SECRET

Exhibit 1-A, Page 1 of 1 page.

S E C R E T

Form #2. Annex A

H. D. of Narragansett Bay

PROJECT BATTERIES (Permanent)

The following tabulation lists the existing and authorized seacoast batteries which will remain in the project upon completion of the modernization program, pursuant to authority contained in letter, subject: "Modernization of Harbor Defense Projects, Continental United States", 9-25-40, AG file No. 660.2 (9-11-40)M-WPD-M; OCCA File No. 662.1/33-J-33.

Battery			Cal-:	No.:	Fort or other	Exhi:	Status	Pri-
Tact	Loc.:	Name or Con-	iber:	of	Designation of	bit :		or-
No. :	No.:	struction No. :	In. :	Guns:	Place	(a) :	(b)	ity
2	34	Const.No. 108	16"	2	Fort Greene	1-I-7	UC	1
4	37	Armistead	3"	2	Fort Kearney	1-I-10	EX TCS	1
5	39	Whiting	3"	2	Fort Getty	1-I-12	EX TCS	1
6	39	House	6"	2	Fort Getty	1-I-12	EX TCS	1
9	43	Dickenson	6"	2	Fort Wetherill	1-I-16	EX TCS	1
10	43	Crittenden	3"	2	Fort Wetherill	1-I-16	EX TCS	1
11	47	Gray (Const.No. 107)	16"	2	Fort Church	1-I-20	UC	1
12	47	8" Sakonnet Pt.	8"	2	Fort Church	1-I-20	UC	1

See Reference No. 1

NOTES: (a) General location map.
(b) Enter one of the following:
EX - Existing
UC - Under construction
TC - To be constructed
TCS - To be shielded
TCC - To be casemated

S E C R E T

S E C R E T

Form #3. Annex A.

H.D. of Narragansett Bay

BATTERIES "UNDER CONSTRUCTION" or "TO BE CONSTRUCTED"

Sites for the following batteries (those under construction and those to be constructed) have been approved by the Secretary of War.

Pri- or- ity	Battery			Casemate:		: Estimated cost of land
	: Tacti- cal No.	: Loc. : No.	: Name or Construction No.	: or Shield :	: Exhibit: Acres :	
*3	1	34	Const. No. 109	Casemate 1-I-7	80	\$60,000
**3	2	34	Const. No. 108	Casemate 1-I-7	146	97,000 <i>Annex</i>
*2	3	33	Const. No. 211	Shield 1-I-6	30	30,000
*2	7	41	Const. No. 213	Shield 1-I-14	107	141,000
*3	8	41	Const. No. 110	Casemate 1-I-14	220	220,000
**3	11	47	Gray (Const. No. 107)	Casemate 1-I-20	100	150,000
**1	12	47	8" Sakonnet Pt.	Casemate 1-I-20	25	40,000
*2	13	48	Const. No. 212	Shield 1-I-21	20	75,000

Notes: * To be constructed. See Reference No. 2
 ** Under construction. See Reference No. 3

NOTE: Beneath the tabulation for each battery enter on this sheet the following information:

a. For batteries "Under Construction"-

- (1) Reference to correspondence showing approval of site board action.
- (2) Status of the construction.

b. For batteries "To be Constructed"-

- (1) Reference to correspondence showing approval of site board action.

S E C R E T

Form #4. Annex A.

H. D. of Narragansett Bay

PROJECT BATTERIES (Outmoded)

The following tabulation lists the existing seacoast batteries which have been classed as outmoded under the modernization program. Current plans contemplate their exclusion from the project upon completion of all new batteries.

Battery			Caliber	No. of	Type	
Tactical No.	Loc.	Name	ber	Guns	Guns	Carriages
No.	No.		In			Place
14	33	(Mobile)	15mm	4	M1918	(Mobile) : Point Judith
15	35	(Railway)	8"Ry	2	Navy	Ry. : Narragansett Pier
16	37	Cram	6"	2	M1903	DC : Fort Kearney
17	43	Varnum	12"	2	M1898 MII	BC 1892 : Fort Wetherill
18	43	Wheaton	12"	2	M1900	DC : Fort Wetherill
19	44	Gilman (Greene)	12"M	4	M1890 MI	M : Fort Adams
20	44	Edgerton	12"M	4	M1890 MI	M : Fort Adams
21	48	(Mobile)	155mm	4	1918	(Mobile) : Sakonnet Point
:	:		:	:	:	:
See Reference No. 1						
:	:		:	:	:	:
:	:		:	:	:	:
:	:		:	:	:	:
:	:		:	:	:	:
:	:		:	:	:	:
:	:		:	:	:	:
:	:		:	:	:	:
:	:		:	:	:	:
:	:		:	:	:	:

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Form ii⁵. Annex A.

H. D. of Narragansett Bay

BATTERIES NO LONGER REQUIRED

The following tabulation lists those batteries designated in the current Basic Projects for the First Corps Area (Short Titles CCA-P-PCC or CCA-P-MYNE) as Batteries "No Longer Required".

[illegible]

NOTE: Beneath the tabulation for each battery enter on this sheet information in regard to the general status of the emplacements and materiel and quote reference to authority for such status.

5
6
7
8
9

S E C R E T

Form 5a. Annex A

H. D. of Narragansett Bay

AUTOMATIC WEAPONS
ANTI-MOTOR-TORPEDO BOAT DEFENSE

The authorized automatic weapon defense is disposed as shown in the following tabulation together with authorized allowances of ammunition.

Cali- ber	No. of Guns	Loc. : No. : Place	Battle All. : Amm.	Ammunition		
				Place of Storage	On Hand	Re- quired
37 mm	4	36 The Bonnett Narragansett	14,400	Local	0	14,400
37 mm	4	41 Beavertail Point Conanicut Island	14,400	Local	0	14,400
37 mm	4	45 Castle Hill Newport Neck	14,400	Local	0	14,400
37 mm	4	46A Stone Bridge Tiverton	14,400	Local	0	14,400
Total	16		57,600		0	57,600

Notes

Authority: Proceedings of the Local Joint Planning Committee,
New England Sector, file A16-1/ND, 1(762) (AADWPO),
dated Mar. 25, 1941, Approval of WD not yet received.

Costs: Cost price of the above listed weapons and ammunition
not available, therefore no costs are included in this
estimate.

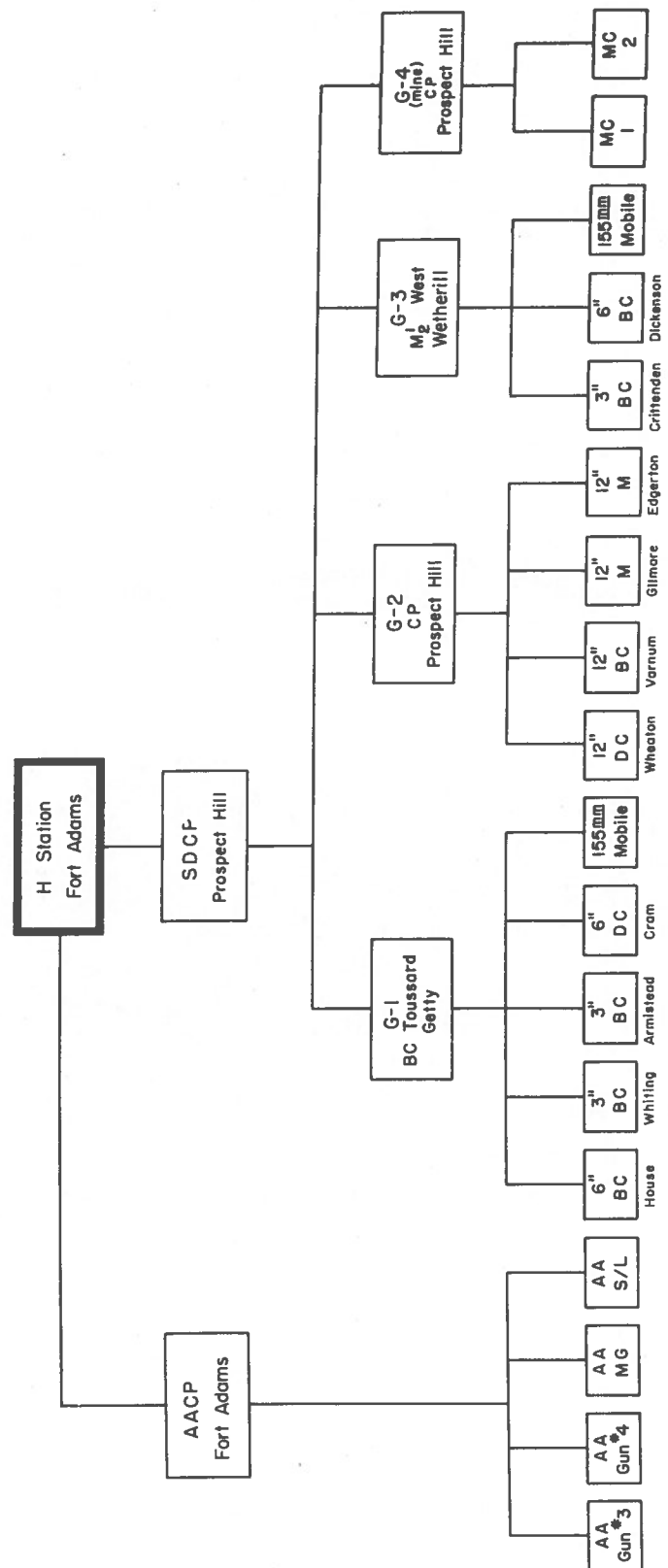
Ammunition: To be stored in available magazines of outmoded
batteries or batteries no longer required. An initial
supply will be placed at each tactical position when
occupied.

S E C R E T

SECRET

H. D. of Narragansett Bay

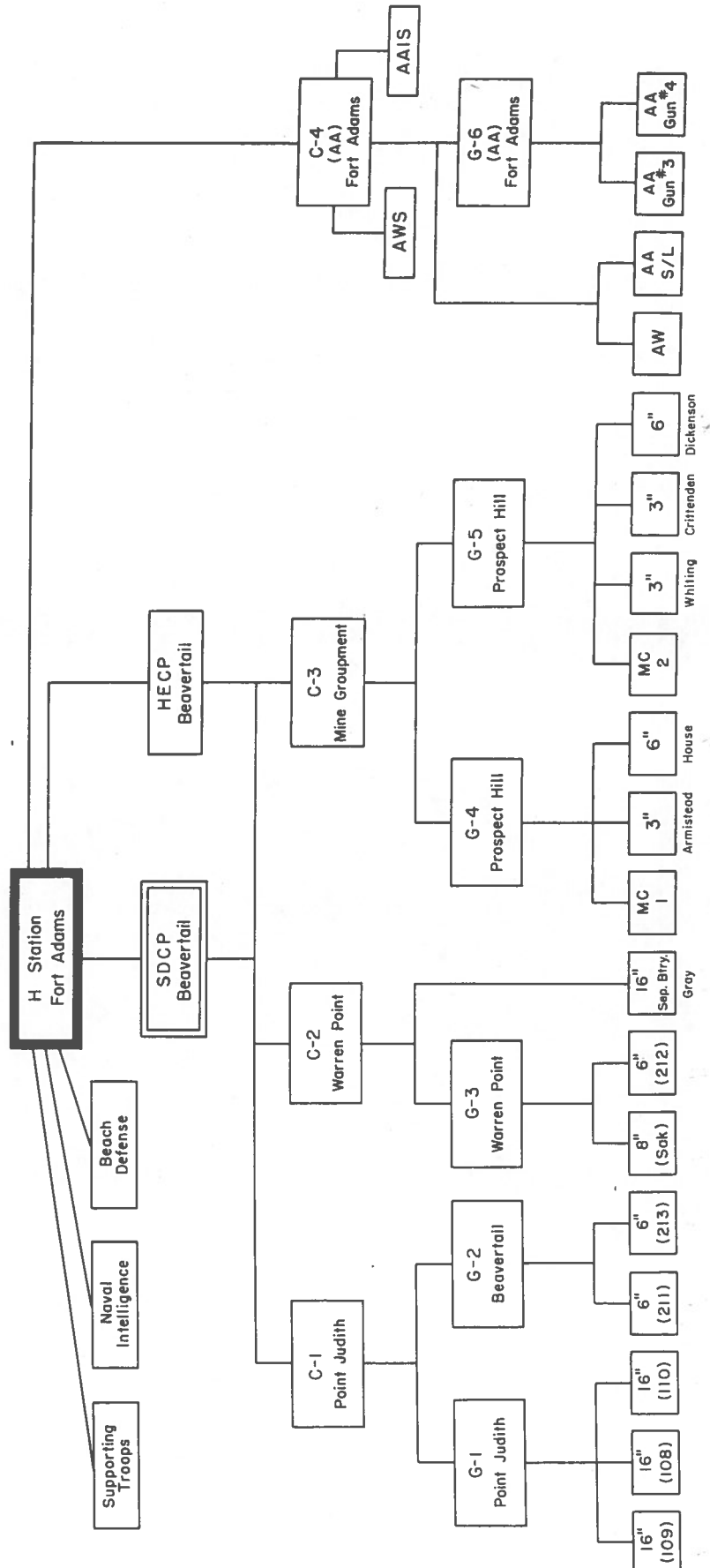
TACTICAL ORGANIZATION OF HARBOR DEFENSES OF NARRAGANSETT BAY
PENDING COMPLETION OF MODERNIZATION PROGRAM

SECRET

SECRET

H. D. of Narragansett Bay

TACTICAL ORGANIZATION OF HARBOR DEFENSES OF NARRAGANSETT BAY
RECOMMENDED FOR ADOPTION UPON COMPLETION OF MODERNIZATION PROGRAM

SECRET

S E C R E T

Form #8. Annex A

H. D. of Narragansett Bay

AMMUNITION ALLOWANCES

The following tabulation shows the War Reserve Allowance of Ammunition for all authorized seacoast batteries, including those to be abandoned on completion of the modernization program, together with the Battle Allowances of Ammunition approved for existing batteries and those recommended for new batteries.

QUANTITIES ARE STATED ON THE PER BATTERY BASIS

Tact:	Loc.:	No.:	Name or Construction:	No.:	Caliber:	Type	Rounds per Btry:			Additional:
							War	Battle	Storage	
No.:	No.:	No.:	Number	Guns:	Type	tile	Reserve:	All.	Proposed	

BATTERIES UPON COMPLETION OF MODERNIZATION PROGRAM

1:	34:	Constr. No.109	2	16"	AP	400	200	200 #	:
2	34	Const. No.108	2	16"	AP	400	200	200 #	:
3	33	Const. No.211	2	6"	AP	1200	1200	None	:
4:	35:	House	2	6" BC:	(AP *	600 *	400 *	200 *	:
					(HE *	200 *	200 *	None	:
5:	35:	Armistead	2	3" BC:		800*	600 *	200 *	:
6	41	Whiting	2	3" BC		400*	300*	100 *	:
7	41	Const. No.213	2	6"	AP	1200	1200	None	:
8:	41:	Const. No.110:	2	16"	AP	400	200	200 #	:
9	43	Dickenson	2	6"	(AP *	1200 *	800 *	400 *	:
					(HE *	400 *	400 *	None	:
(Above quantities for Battery Dickenson include projectiles, only. Powder charges (on hand) stored as follows: 1000 charges for AP projectile at battery magazine; 400 charges for HE projectile at Battery Zook)									
10	43	Crittendon	2	3" B C		800 *	600 *	200*	:
11	47	Gray(ConstNo. 107)	2	16"	AP	400	200	200 #	:
12	47:	8" Sakonnet	2	8" LR	AP	500	500	None	:
13	48	Const.No. 212	2	6"	AP	1200	1200	None	:

Project Batteries (OUTMODED)

14	33:	Mobile	4	155mm	HE	1600	None	None	:
15	35	Railway	2	8" (Ry)	AP	500	None	None	:
16	37	Cram	2	6" DC	AP *	1200 *	800 *	400 *	:
					HE *	400 *	400 *	None	:

S E C R E T

S E C R E T

Form #8. Annex A

H. D. of Narragansett Bay

AMMUNITION ALLOWANCES

The following tabulation shows the War Reserve Allowance of Ammunition for all authorized seacoast batteries, including those to be abandoned on completion of the modernization program, together with the Battle Allowances of Ammunition approved for existing batteries and those recommended for new batteries.

QUANTITIES ARE STATED ON THE PER BATTERY BASIS

Tact. No.	Loc. No.	Name or Number	No. of Guns	Caliber	Type	Projec- tile	War Reserve	Battle All.	Storage Proposed	Additional:
17	43	Varnum	2	12"	DC AP *	(Med. Range)	480 *	480 *	None	
(Above quantities for Battery Varnum include projectiles only. Powder charges (on hand) are stored as follows: 300 in battery magazine and 179½ at Battery Walbach)										
18	43	Wheaton	2	12"	DC AP *	(Med. Range)	480 *	480 *	None	
(Above quantities for Battery Wheaton include projectiles, only. 470¼ powder charges (on hand) are stored in battery magazine.)										
19	44	Gilman(Greene)	4	12"	M (DP(1046#)* 200* (DP(700#)* 760*		100 *	100 *	260 *	
(Above quantities for Battery Gilman include projectiles, only. 600 powder charges (on hand) are stored at Battery Bankhead)										
20	44	Edgerton	4	12"	M (DP(1046#)* 200* (DP(700#)* 760*		100 *	100 *	260 *	
(Above quantities for Battery Edgerton include projectiles, only. 600 powder charges (on hand) are stored at Battery Belton)										
21	48	Mobile	4	155mm	HE		1600	None	None	

NOTES

- * See Annexes to H.D. Project, H.D. Narr. Bay, 5th Ind. WD-AGO 3/28/33 (AG 381.4(216.33)(Misc)E)(OCCA 471.308/.04).
- # Recommend storage in magazines to be constructed at Fort Greble.

S E C R E T

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Form #9. Annex A

H. D. of Narragansett Bay

ADDITIONAL BOMB-PROOF MAGAZINES

REQUIRED

[illegible]

S E C R E T

Exhibit 9-A, Page 1 of 1 pages

S E C R E T

Form #10 Annex A

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION

Pri:	Item:		Ordnance	Engineer	Land*	Total
or-:	No.:	Description of Project				
2	:	POINT JUDITH:				
	:	LOCATION NO. 33				
	:	New Battery Construction	\$150,000	\$200,000	\$54,300	\$404,300
	:	#211 (2-6" BC Shield)				
	:	Gun carriages (2)				
	:	Battery Emplacement (2 guns)				
	:	(35 acres land)				
3	:	FORT GREENE:				
	:	LOCATION NO. 34				
	:	New Battery Construction				
	:	#109 (2-16" BC casemate)	870,000	1,400,000	\$60,000	2,330,000
	:	Gun carriages (2)				
	:	Battery Emplacement				
	:	(2 guns casemated)				
	:	80 Acres land				
I	:	BOSTON NECK:				
	:	LOCATION NO. 35				
	:	Resiting Battery Armistead				
	:	2-3" BC guns. Open em-	2,000	5,000	Loc. #35	7,000
	:	placement.				
	:	Shield (2-gun battery)				
1	:	Resiting Battery House				
	:	2-6" BC guns	10,000	10,000	Loc. #35	20,000
	:	Open Emplacement.				
	:	Shields (2-gun battery)				
3	:	FORT GREBLE:				
	:	LOCATION NO. 38				
	:	Four (4) Ammunition				
	:	Storage magazines, bomb-				
	:	proof for 200 charges of		400,000	Gov't	400,000
	:	powder each, total of			Owned	
	:	800 charges of powder for				
	:	16" guns. Each magazine				
	:	30"X115"X8" (each magazine				
	:	\$100,000)				

* Where land is occupied by more than one installation, enter cost of the entire tract against the first item listed and refer to this item by its location number entered in this column opposite subsequent items.

S E C R E T

S E C R E T

Form #10 Annex A

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION

Pri:	Item:					
or-:	No.:		Ordnance:	Engineer:	Land *	Total
ity:	Description of Project					
	LOCATION NO.38 - Con'd:					
3	One (1) ammunition storage					
	magazine, bombproof, for					
	800 projectiles for 16"		\$ 125,000	Gov't	\$ 125,000	
	guns. Magazine 30' X 110'			Owned		
	X 10'					
2	BEAVERTAIL:					
	LOCATION NO. 41					
	New Battery Construction					
	#213 (2-6" BC Shield) Gun	\$ 150,000	200,000	\$ 141,000	491,000	
	carriages (2)					
	Battery Emplacement					
	(2 guns) 107 Acres land					
3	BEAVERTAIL:					
	LOCATION NO. 41					
	New Battery Construction					
	#110 (2-16" BC casemate)	870,000	1,500,000	Incl.in	2,370,000	
	Gun carriages (2)			Const.#213		
	Battery Emplacement (2					
	guns casemate)					
1	Resiting Battery Whiting					
	(2-3" BC guns) Open em-					
	placement	2,000	5,000	Incl.in	7,000	
	Shields (2-gun Battery)			Const.#213		
1	FORT WETHERILL:					
	LOCATION NO. 43					
	Battery Dickenson (2-6"	10,000			10,000	
	BC Shields (2-gun battery)					
1	Battery Crittenden					
	(2-3" BC)	2,000			2,000	
	Shields (2-gun battery)					

* Where land is occupied by more than one installation, enter cost of the entire tract against the first item listed and refer to this item by its location number entered in this column opposite subsequent items.

S E C R E T

S E C R E T

Form 10 Annex AH. D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION

Pri:	Item:	Or-:	No.:	ity:	Description of Project	Ordnance	Engineer	Land*	Total
2	SAKONNET POINT:								
	LOCATION NO. 48								
	New Battery Construction								
	#212 (2-6" BC Shield)	\$150,000	\$200,000	\$	75,000	\$	425,000		
	Gun carriages (2)								
	Battery Emplacement (2 guns)								
	20 Acres land								
	TOTALS	\$2,216,000	4,045,000	330,300	\$6,591,300				

* Where land is occupied by more than one installation, enter cost of the entire tract against the first item listed and refer to this item by its location number entered in this column opposite subsequent items.

S E C R E T

Exhibit 10-A . Page 3 of 3 pages

S E C R E T

Form #21. Annex C

H. D. of Narragansett Bay

LIST OF SEACOAST SEARCHLIGHTS (HD)

(Pending Completion of Modernization Program)

Tactical Location	Exhibit	Tactical	On	Re-
Tactical : Light : cal No.: Type : Place Loc. No.: Site No.: bit : Assignment: hand: quired *				

7	P	Pt. Judith 33 : (Elevation 25'-)	1	1-C-2	G-1	1	0
8	P	Pt. Judith 33 : (Elevation 25'-)	1	1-C-2	"	1	0
9	P	Gunning Rk 34A : (Elevation 25')	1	1-C-2	"	1	0
10	P	Gunning Rk 34A : (Elevation 25')	1	1-C-2	"	1	0
11	P	The Bonnet 36 : (Elevation 47')	1	1-C-2	G-4	1	0
12	F	Fort Wetherill 43 : (Elevation 40')	1	1-C-2	G-4	1	0
13	P	Brenton Pt. 45-A : (Elevation 20')	1	1-C-2	G-2	1	0
15	P	Coggeshall 45-B Ledge : (Elevation 25')	1	1-C-2	"	1	0
16	P	Coggeshall 45-D Ledge : (Elevation 25')	1	1-C-2	"	1	0
19	P	Sakonnet Rt. 48 : (Elevation 15')	1	1-C-2	"	1	0
20	F	Sakonnet Rt. 48	1	1-C-2	"	1	0

: No land purchase necessary. Searchlights to be placed at tactical positions when an emergency arises.

NOTE: * Make notations of lights already approved.
Beneath the tabulation for each searchlight enter on this sheet data as to the construction and land procurement necessary at its location, including controller station sites.

S E C R E T

HARBOR DEFENSES OF NARRAGANSETT BAY

EXHIBITS - ANNEX B

EXHIBIT

CONTENTS

1-B	Fortification Construction - Signal Cable Installations. (Form #12)
2-B	Harbor Defense Fire Control Requirements (Exclusive of Battery requirements) (Form #13)
3-B	Battery Fire Control Requirements by Battery. (Form #14)
4-B	Fire Control Diagram (lines) (Form #15)
5-B	Communication Diagram (blocks) (Form #16)
6-B	Cable Route Map (Form #17)
7-B	Radio Net Diagram (Form #18)
8-B	Cost Estimate and Priority Guide - Fire Control - Engineer (Form #19)
9-B	Cost Estimate and Priority Guide - Fire Control - Signal and Ordnance (Form #20)
10-B	Location Numbers (See List Breceding Annex A)
11-B	Basic Information for Construction of Fire Control and Communications Diagrams. (Form #40)
12-B	Elements, Fire Control System
13-B	F.C. Chart Btry. Constr. #109, 2-16" BC, Ft. Greene
14-B	F.C. Chart Btry. Constr. #108, 2-16" BC, Ft. Greene
15-B	F.C. Chart Btry. Constr. #211, 2-6" BC, Pt. Judith
16-B	F.C. Chart Btry. House 2-6" BC, Boston Neck — Post 31
17-B	F.C. Chart Btry. Armistead, 2-3" BC, Boston Neck — Post 75
18-B	F.C. Chart Btry. Whiting, 2-3" BC, Beavertail — Post 100
19-B	F.C. Chart Btry. Constr. #213, 2-6" BC, Beavertail
20-B	F.C. Chart Btry. Constr. #110, 2-16" BC, Beavertail
21-B	F.C. Chart Btry. Dickenson, 2-6" BC, Ft. Wetherill
22-B	F.C. Chart Btry. Gray, 2-16" BC, Ft. Church
23-B	F.C. Chart Btry. 8" Sakonnet, 2-8" BC, Sakonnet Pt.
24-B	F.C. Chart Btry. Constr. #212, 2-6" BC, Sakonnet Pt.
25-B	Primary Armament, H.D. Narra. Bay
26-B	Secondary Armament, H.D. Narra. Bay

S E C R E T

H.D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION - SIGNAL
CABLE INSTALLATIONS

Pri-Item: or-: No.: ity:	Description of Project	Material:	Labor	Total
	<u>SUBMARINE</u>			
	<u>Fort Adams (44)-Fort Wetherill(43)</u>			
	5,000 ft. WC 325			
	For HD 31 pr.			
	For HHq & Att 28 pr.			
	59 pr.			
	Installed 50 pr.			
4	Additional proposed			
	25 pr. WC 325 @ 45¢	\$2,250	Note 1	
	Contingency 450			\$2,700
	<u>Fort Adams (44)-Castle Hill (45)</u>			
	10,500 ft. WC 321 @ 35¢			
	For HD 8 pr.			
1	Required 10 pr.	\$3,675	Note 1	
	Contingency 735			\$4,410
	<u>Fort Wetherill (43)-Fort Getty(39)</u>			
	25,200 ft. WC 325 @ 45¢			
	For HD 40 pr.			
	For HHq & Att 28 pr.			
	Installed 50 pr.			
4	Additional proposed 25 pr.	\$11,340	Note 1	
	Contingency 2,268			\$13,608
	<u>Fort Getty (39)-Prospect Hill (40)</u>			
	4,500 ft.			
	For HD 52 pr.			
	For HHq & Att. 28 pr.			
	Installed 50 pr.			
4	Additional proposed 50 pr			
	WC 327 @ 57¢	\$2,565	Note 1	
	Contingency 513			\$3,078
	<u>Fort Getty (39) - Ft. Kearney (37)</u>			
	For HD 1 pr.			
	Installed 20 pr.			
	Required 1 pr.			

S E C R E T

Exhibit 1-B. Page 1.

S E C R E T

H.D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION - SIGNAL
CABLE INSTALLATIONS

Pri:	Item:					
or-:	No.:	Description of Project	Material:	Labor		Total
ity:						
		<u>Fort Getty (39)-Fort Greble (38)</u>				
		For HD 1 pr.				
		Installed 30 pr.				
		Required 1 pr.				
		<u>Prospect Hill(40)-Hull Cove(42)(FSB)</u>				
		7,500 ft. WC 329 @ 82¢				
		For HD 56 pr.				
		For HHq & Att 28 pr.				
1		Required 100 pr.	\$6,150	Note 1		
		Contingency	1,230			\$7,380
		<u>Hull Cove(42)(FSB)-The Bonnet(36)</u>				
		1,500 ft. WC 321 @ 35¢				
		For HD 5 pr.				
		Required 10 pr.				
		(Included in Approved Augmented				
		Expenditure Program, HD Narra-				
		gansett Bay 1941, priority #8)				
		<u>Hull Cove(42)(FSB)-Boston Neck(35)</u>				
		17,000 ft.				
		For HD 140 pr.				
		For HHq & Att 28 pr.				
		Required 175 pr.				
		(34,320 ft. 75 pr. WC 328 included				
		in Approved Augmented Expenditure				
		Program HD of Narragansett Bay:				
		1941, priority #25)				
		(Route Boston Neck - Ft. Wetherill				
		changed to Boston Neck - Austin				
		Hollow, distance 17,000 ft. -				
		two cables 75 pr. each to be layed)				
4		Additional Proposed 50 pr.				
		WC 327 @ 57¢	\$9,690	Note 1		
		Contingency	1,938			\$11,628

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S E C R E T

H.D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION - SIGNAL
CABLE INSTALLATIONS

Pri- or- ity:	Item: No.:	Description of Project	Material:	Labor	Total
		<u>Boston Neck(35)-Ft. Greene (East)(34)</u>			
		38,000 ft. WC 328 @ 70¢			
		For HD 112 pr.			
		For HHq & Att 28 pr.			
		Required 150 pr.			
		(48,000 ft. 75 pr. WC 328 included in Approved Augmented Expenditure Program, HD Narragansett Bay 1941, priority #29)			
		(Cable route via Fort Greene in- stead of Pt. Judith, requires 38,000 ft. of cable)			
1		Additional proposed 75 pr.	\$19,600	Note 1	
		28,000 WC 328 @ 70¢	3,920		\$23,520
		Contingency			
		<u>Ft. Greene(West)(34)-Green Hill(32)</u>			
		39,000 ft.			
		For HD 47 pr.			
		For HHq & Att 28 pr.			
		Required 75 pr.			
		(50 pr. included in Approved Augmented Expenditure Program, HD Narragansett Bay, 1941, pri- ority #52)			
4		Additional proposed 25 pr.	\$17,550	Note 1	
		WC 325 @ 45¢	3,510		\$21,060
		Contingency			
		<u>Ft. Greene(East)(34)-Block Island(60)</u>			
		90,000 ft. WC 329 @ 82¢			
		For HD 60 pr.			
		For HHq & Att 28 pr.			
		Required 88 pr.			
1		Proposed 100 pr.	\$73,800	Note 1	
		Contingency	14,760		\$88,560

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H.D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION - SIGNAL
CABLE INSTALLATIONS

Pri- or- ity:	Item: No.:	Description of Project	Material:	Labor	Total
:	:	:	:	:	:
:	:	<u>Green Hill(32)- Ninigret (30)</u>	:	:	:
:	:	36,000 ft.	:	:	:
:	:	For HD 22 pr.	:	:	:
:	:	For HD L.I.S. 7 pr.	:	:	:
:	:	For HHq & Att 28 pr.	:	:	:
:	:	Required 75 pr.	:	:	:
:	:	(25 pr. included in Approved	:	:	:
:	:	Augmented Expenditure Program,	:	:	:
:	:	HD Narragansett Bay 1941, pri-	:	:	:
:	:	ority #55)	:	:	:
4	:	Additional Proposed 50 pr.	:	:	:
:	:	WC 327 @ 57¢	\$20,520	Note 1	:
:	:	Contingency	4,104	:	\$24,624
:	:	<u>Ninigret (30)-Noyes Point (29)</u>	:	:	:
:	:	24,000 ft.	:	:	:
:	:	For HD 13 pr.	:	:	:
:	:	For HD L.I.S. 13 pr.	:	:	:
:	:	For HHq & Att 28 pr.	:	:	:
:	:	Required 75 pr.	:	:	:
:	:	(25 pr included in Approved	:	:	:
:	:	Augmented Expenditure Program,	:	:	:
:	:	HD Narragansett Bay 1941, pri-	:	:	:
:	:	ority #57)	:	:	:
4	:	Additional Proposed 50 pr.	:	:	:
:	:	WC 327 @ 57¢	\$13,680	Note 1	:
:	:	Contingency	2,736	:	\$16,416
:	:	<u>Noyes Point (29)-Watch Hill (28)</u>	:	:	:
:	:	Cable requirements of HD Narra-	:	:	:
:	:	gansett Bay included in HD L.I.S.	:	:	:
:	:	estimate.	:	:	:
:	:	For HD Narra. Bay 5 pr.	:	:	:
:	:	<u>Hull Cove(42)(FSB)-Ft. Church(47)</u>	:	:	:
:	:	71,250 ft.	:	:	:
:	:	For HD 79 pr.	:	:	:
:	:	For HHq & Att 28 pr.	:	:	:
:	:	Required 125 pr.	:	:	:
:	:	(Continued)	:	:	:

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H.D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION - SIGNAL
CABLE INSTALLATIONS

Pri-	Item:				
or-	No.:	Description of Project	Material:	Labor	Total
ity:	:	:	:	:	:
		<u>Hull Cove(42)(FSB)-Ft. Church(47).(Cont'd)</u>			
		(75 pr. included in Approved			
		Augmented Expenditure Program,			
		HD Narragansett Bay 1941, pri-			
		ority #9)			
4		Additional Proposed 50 pr.			
		WC 327 @ 35¢	\$40,613	Note 1	
		Contingency	8,123		\$48,736
		<u>Ft. Church (47)-Sachuest Pt. (46)</u>			
		16,500 ft. WC 327 @ 57¢			
		For HD 31 pr.			
		Required 50 pr.			
		(50 pr. included in Approved			
		Augmented Expenditure Program,			
		HD Narragansett Bay 1941, pri-			
		ority #20)			
		<u>Ft. Church(47)-Gooseberry Neck(50)</u>			
		68,640 ft.			
		For HD 47 pr.			
		For HHq & Att 28 pr.			
		Required 75 pr.			
		(50 pr. included in Approved			
		Augmented Expenditure Program,			
		HD Narragansett Bay, 1941, pri-			
		ority #38)			
4		Additional Proposed 25 pr.			
		WC 325 @ 45¢	\$30,888	Note 1	
		Contingency	6,177		\$37,065
		<u>Gooseberry Neck(50)-Cuttyhunk Island(57)</u>			
		45,000 ft.			
		For HD 27 pr.			
		For HD New Bedford 18 pr.			
		For HHq & Att 28 pr.			
		Required 75 pr.			
		(50 pr. included in Approved			
		Augmented Expenditure Program,			
		HD Narragansett Bay 1941, pri-			
		ority #45)			
		(Continued)			

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H.D. of Narragansett Bay

FORTIFICATION CONSTRUCTION - SIGNAL CABLE INSTALLATIONS

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S E C R E T

H.D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION - SIGNAL
CABLE INSTALLATIONS

Pri:	Item:				
or-:	No.:	Description of Project	Material:	Labor	Total
ity:	:				
:	:		:	:	:
:	:	<u>SUBTERRANEAN</u>	:	:	:
:	:		:	:	:
4	:	<u>Watch Hill(28)-Watch Hill Pt.(27)</u>	:	:	:
:	:	Required 5 pr.	:	:	:
:	:	(Included in Cost Estimate	:	:	:
:	:	HD L.I.S.)	:	:	:
:	:		:	:	:
:	:	<u>Noyes Point (29)</u>	:	:	:
:	:	<u>Cable Terminal</u>	:	:	:
1	:	(Included in Approved Augmented;	:	:	:
:	:	Expenditure Program HD Narra-	:	:	:
:	:	gansett Bay 1941, priority #57)	:	:	:
:	:	<u>Subterranean Cable</u>	:	:	:
:	:	5,000 ft., WC 367, Terminal to	:	:	:
:	:	F.C. Stations.	:	:	:
:	:	For HD 7 pr.	:	:	:
:	:	For HD L.I.S. 13 pr.	:	:	:
:	:	For HHq & Att 28 pr.	:	:	:
:	:	Required 50 pr.	:	:	:
:	:	(Included in Approved Augmented;	:	:	:
:	:	Expenditure Program HD Narra-	:	:	:
:	:	gansett Bay 1941, priority #58)	:	:	:
:	:		:	:	:
:	:	<u>Ninigret (30)</u>	:	:	:
1	:	<u>Cable Terminal</u>	:	:	:
:	:	(Included in Approved Augmented;	:	:	:
:	:	Expenditure Program HD Narra-	:	:	:
:	:	gansett Bay 1941, priority #55)	:	:	:
:	:		:	:	:
1	:	<u>Ninigret (30) - Charlestown (31)</u>	:	:	:
:	:	10,500 ft., WC 366 @ 22¢	\$2,310	:	:
:	:	For HD 19 pr.	:	:	:
:	:	For HD L.I.S. 6 pr.	:	:	:
:	:	25 pr.	:	:	:
:	:	Trenching	:	\$4,000	:
:	:	Contingency	462	800	:
:	:		\$2,772	\$4,800	\$7,572
:	:		:	:	:
:	:		:	:	:
:	:		:	:	:
:	:		:	:	:
:	:		:	:	:
:	:		:	:	:

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H.D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION - SIGNAL
CABLE INSTALLATIONS

Pri- or- ity	Item; No., :	Description of Project	Material	Labor	Total
		<u>Green Hill (32)</u>			
		<u>Cable Terminal</u>			
		(Included in Approved Augmented			
		Expenditure Program, HD Narra-			
		gansett Bay 1941, priority #52)			
1		<u>Subterranean Cable</u>			
		6,000 ft., WC 367			
		For HD 27 pr.			
		For HD L.I.S. 7 pr.			
		Required 50 pr.			
		(Included in Approved Augmented			
		Expenditure Program HD Narra-			
		gansett Bay 1941, priority #53)			
		<u>Point Judith (33) (FSB) Btry. #108</u>			
		<u>Fort Greene-SwBd Room Btry. 211 Pt. Judith</u>			
2		10,500 ft., WC 360 @ 56¢	\$5,880		
		Required 69 pr.			
		Proposed 100 pr.			
		Trenching		\$5,250	
		Contingency	1,176	1,050	
			\$7,056	\$6,300	\$13,356
		<u>Site 1A to Site 1B</u>			
		600 ft. WC 367 @ 32¢	\$192		
		For HD 35 pr.			
		Required 50 pr.			
		Trenching		\$300	
		Contingency	38	60	
			\$230	\$360	\$590
		<u>Site 1A to 1C</u>			
		400 ft. SC 366 @ 22¢	\$ 88		
		Required 22 pr.			
		Proposed 25 pr.			
		Trenching		\$200	
		Contingency	18	40	
			\$106	\$240	\$346

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H.D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION - SIGNAL
CABLE INSTALLATIONS

Pri- or- ity:	Item: No.:	Description of Project	Material:	Labor	Total
:	:	:	:	:	:
:	:	<u>Site 1A to Site 1D</u>	:	:	:
:	:	500 ft. WC 366 @ 22¢	\$110	:	:
:	:	For HD 12 pr.	:	:	:
:	:	Required 25 pr.	:	:	:
:	:	Trenching	:	\$250	:
:	:	Contingency	22	50	:
:	:	:	\$132	\$300	\$432
1	:	<u>Fort Greene (34)</u>	:	:	:
:	:	<u>Cable Terminal</u>	:	:	:
:	:	(Included in Approved Augmented:	:	:	:
:	:	Expenditure Program, HD Narra-	:	:	:
:	:	gansett Bay 1941, priority #29)	:	:	:
1	:	<u>Fort Greene(34)(FSB)-Fort Greene(34)(East)</u>	:	:	:
:	:	<u>Battery #108</u>	:	:	:
:	:	2,000 ft. WC 379	:	:	:
:	:	For HD 244 pr.	:	:	:
:	:	For HHq & Att 56 pr.	:	:	:
:	:	Required 300 pr.	:	:	:
:	:	WC 379 @ \$1.10	\$2,200	:	:
:	:	Trenching	:	\$1,000	:
:	:	Contingency	440	200	:
:	:	:	\$2,640	\$1,200	\$3,840
1	:	<u>Fort Greene(34)(West)-Fort Greene(34)(FSB)</u>	:	:	:
:	:	<u>Cable Terminal</u>	:	:	:
:	:	9,000 ft.	:	:	:
:	:	For HD 47 pr.	:	:	:
:	:	For HHq & Att 28 pr.	:	:	:
:	:	Required 100 pr.	:	:	:
:	:	WC 367 @ 32¢	\$5,130	:	:
:	:	Trenching	:	\$4,500	:
:	:	Contingency	1,026	900	:
:	:	:	\$6,156	\$5,400	\$11,556
:	:	<u>FSB Site 2B to Site 2A</u>	:	:	:
:	:	1,400 ft. WC 367 @ 32¢	\$448	:	:
:	:	For HD 37 pr.	:	:	:
:	:	Required 50 pr.	:	:	:
:	:	Trenching	:	\$700	:
:	:	Contingency	90	140	:
:	:	:	\$538	\$840	\$1,378

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H.D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION - SIGNAL
CABLE INSTALLATIONS

Pri-Item- or- No- ity:	Description of Project	Material	Labor	Total
:	:	:	:	:
:	FSB Site 2B to Site 2C	:	:	:
:	1,500 ft. WC 366 @ 22¢	\$330	:	:
:	Trenching	:	\$750	:
:	Contingency	66	150	:
:	:	\$396	\$900	\$1,296
:	:	:	:	:
:	FSB Site 2B to Site 1A	:	:	:
:	5,000 ft. WC 360 @ 56¢	\$2,800	:	:
:	For HD 56 pr.	:	:	:
:	Required 100 pr.	:	:	:
:	Trenching	:	\$2,500	:
:	Contingency	560	500	:
:	:	\$3,360	\$3,000	\$6,360
:	:	:	:	:
:	SwBd Room Site 1A to Site 1B via Site 1C	:	:	:
:	3,000 ft. WC 367 @ 32¢	\$960	:	:
:	For HD 50 pr.	:	:	:
:	Trenching	:	\$600	:
:	Contingency	192	120	:
:	:	\$1,152	\$720	\$1,872
1	Boston Neck (35)	:	:	:
:	Cable Terminal	:	:	:
:	(Included in Approved Augmented:	:	:	:
:	Expenditure Program, HD Narra-	:	:	:
:	gansett Bay, 1941 priority #25)	:	:	:
:	:	:	:	:
:	Cable Terminal to FSB Site 1D	:	:	:
:	1,500 ft. 50 pr. WC 367	:	:	:
:	For HD 241 pr.	:	:	:
:	For HHq & Att 84 pr.	:	:	:
:	Required 325 pr.	:	:	:
:	Additional Proposed 300 pr.	:	:	:
:	WC 379 @ \$1.10	\$1,650	:	\$1,650
:	(Included in Approved Augmented:	:	:	:
:	Expenditure Program HD Narra-	:	:	:
:	gansett Bay 1941, priority #26)	:	:	:
:	:	:	:	:
:	:	:	:	:
:	:	:	:	:
:	:	:	:	:
:	:	:	:	:
:	:	:	:	:

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S E C R E T

H.D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION - SIGNAL
CABLE INSTALLATIONS

Pri-	Item:			Material:	Labor	Total
or-	No.:	Description of Project				
ity:						
:	:	:	:	:	:	:
:	:	<u>FSB Site 1D to Site 1C, 1B and 1A</u>	:	:	:	:
:	:	<u>1,500 ft. WC 367 @ 32¢</u>	:	\$480	:	:
:	:	For HD 43 pr.	:	:	:	:
:	:	Required 50 pr.	:	:	:	:
:	:	Trenching	:	:	\$750	:
:	:	Contingency	:	96	150	:
:	:		:	\$576	\$900	\$1,476
:	:	:	:	:	:	:
:	:	<u>FSB Site 1D to Site 1B and 1G</u>	:	:	:	:
:	:	<u>300 ft. WC 364 @ 15¢</u>	:	\$45	:	:
:	:	For HD 7 pr.	:	:	:	:
:	:	Required 10 pr.	:	:	:	:
:	:	Trenching	:	:	\$150	:
:	:	Contingency	:	9	30	:
:	:		:	\$54	\$180	\$234
:	:	:	:	:	:	:
:	:	<u>Site 1B to Site 1F</u>	:	:	:	:
:	:	<u>600 ft. WC 366 @ 22¢</u>	:	\$132	:	:
:	:	For HD 11 pr.	:	:	:	:
:	:	Required 25 pr.	:	:	:	:
:	:	Trenching	:	:	\$300	:
:	:	Contingency	:	26	60	:
:	:		:	\$158	\$360	\$518
:	:	:	:	:	:	:
1	:	<u>The Bonnet (36)</u>	:	:	:	:
:	:	<u>Cable Terminal</u>	:	:	:	:
:	:	<u>1,000 ft. WC 364</u>	:	:	:	:
:	:	For HD7 10 pr.	:	:	:	:
:	:	(Included in Approved Augmented:	:	:	:	:
:	:	Expenditure Program, HD Narra-	:	:	:	:
:	:	gansett Bay 1941, priority #8)	:	:	:	:
:	:	:	:	:	:	:
:	:	<u>Prospect Hill (40)</u>	:	:	:	:
:	:	<u>Cable Terminal</u>	:	:	:	:
:	:	Existing	:	:	:	:
:	:	:	:	:	:	:
:	:	<u>Subterranean Cables</u>	:	:	:	:
:	:	Existing	:	:	:	:
:	:	:	:	:	:	:
:	:	:	:	:	:	:
:	:	:	:	:	:	:

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H.D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION - SIGNAL
CABLE INSTALLATIONS

Pri:	Item:					
or-:	No.:	Description of Project	Material:	Labor		Total
ity:	:		:	:	:	:
1	:	<u>Beavertail Point (41)</u>	:	:	:	:
:	:	<u>FSB Hull Cove to FSB Btry #110 Site 1E</u>	:	:	:	:
:	:	<u>4,000 ft. WC 360 @ 56¢</u>	:	\$2,240	:	:
:	:	For HD 75 pr.	:	:	:	:
:	:	Required 100 pr.	:	:	:	:
:	:	Trenching	:	\$2,000	:	:
:	:	Contingency	:	448	400	:
:	:		:	\$2,688	\$2,400	\$5,088
3	:	<u>FSB Btry. #110, Site 1E to Site 1D</u>	:	:	:	:
:	:	<u>500 ft. WC 360 @ 56¢</u>	:	\$280	:	:
:	:	For HD 71 pr.	:	:	:	:
:	:	Required 100 pr.	:	:	:	:
:	:	Trenching	:	\$250	:	:
:	:	Contingency	:	56	50	:
:	:		:	\$336	\$300	\$636
:	:	<u>Site 1D to Site 1C</u>	:	:	:	:
:	:	<u>800 ft. WC 360 @ 56¢</u>	:	\$448	:	:
:	:	For HD 55 pr.	:	:	:	:
:	:	Required 100 pr.	:	:	:	:
:	:	Trenching	:	\$400	:	:
:	:	Contingency	:	89	80	:
:	:		:	\$537	\$480	\$1,017
:	:	<u>Site 1C to Site 1F</u>	:	:	:	:
:	:	<u>12,000 ft WC 366 @ 22¢</u>	:	\$264	:	:
:	:	For HD 11 pr.	:	:	:	:
:	:	Required 25 pr.	:	:	:	:
:	:	Trenching	:	\$600	:	:
:	:	Contingency	:	53	120	:
:	:		:	\$317	\$720	\$1,037
:	:	<u>Site 1C to Site 1B</u>	:	:	:	:
:	:	<u>700 ft. WC 367 @ 32¢</u>	:	\$224	:	:
:	:	For HD 37 pr.	:	:	:	:
:	:	Required 50 pr.	:	:	:	:
:	:	Trenching	:	\$350	:	:
:	:	Contingency	:	45	70	:
:	:		:	\$269	\$420	\$689

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H.D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION - SIGNAL
CABLE INSTALLATIONS

Pri:	Item:					
or-:	No.:	Description of Project	Material:	Labor		Total
ity:	:	:	:	:	:	:
:	:	:	:	:	:	:
:	:	Site 1B to Site 1G	:	:	:	:
:	:	1,100 Ft. WC 364 @ 15¢	\$165	:	:	:
:	:	For HD 7 pr.	:	:	:	:
:	:	Required 10 pr.	:	:	:	:
:	:	Trenching	:	\$550	:	:
:	:	Contingency	33	110	:	:
:	:	:	\$198	\$660	:	\$858
:	:	:	:	:	:	:
:	:	Site 1G to Site 1A	:	:	:	:
:	:	1,200 ft. WC 364 @ 15¢	\$180	:	:	:
:	:	For HD 5 pr.	:	:	:	:
:	:	Required 10 pr.	:	:	:	:
:	:	Trenching	:	\$600	:	:
:	:	Contingency	36	120	:	:
:	:	:	\$216	\$720	:	\$936
:	:	:	:	:	:	:
1	:	Hull Cove (42)	:	:	:	:
:	:	Cable Terminal	:	:	:	:
:	:	Material	\$300	\$325	:	:
:	:	Contingency	60	65	:	:
:	:	:	\$360	\$390	:	\$750
:	:	:	:	:	:	:
:	:	Fort Wetherill (43)	:	:	:	:
:	:	Cable Terminal	:	:	:	:
:	:	Existing	:	:	:	:
:	:	:	:	:	:	:
:	:	Fort Adams (44)	:	:	:	:
:	:	Cable Terminal	:	:	:	:
:	:	Existing	:	:	:	:
:	:	:	:	:	:	:
1	:	Sachuest Point (46)	:	:	:	:
:	:	Cable Terminal (at Site 1C)	:	:	:	:
:	:	(Included in Approved Augmented:	:	:	:	:
:	:	Expenditure Program, HD Narra-	:	:	:	:
:	:	gansett Bay 1941, priority #20)	:	:	:	:
:	:	:	:	:	:	:
:	:	:	:	:	:	:
:	:	:	:	:	:	:
:	:	:	:	:	:	:
:	:	:	:	:	:	:
:	:	:	:	:	:	:

S E C R E T

Exhibit 1-B, Page 13.

S E C R E T

H.D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION - SIGNAL
CABLE INSTALLATIONS

Pri- or- ity:	Item: No.: :	Description of Project	Material:	Labor	Total
:	:	:	:	:	:
:	:	<u>Cable Terminal to F.C. Station</u>	:	:	:
:	:	<u>1,000 ft. WC 367</u>	:	:	:
:	:	For HD 50 pr.	:	:	:
:	:	Required 50 pr.	:	:	:
:	:	(Included in Approved Augmented:	:	:	:
:	:	Expenditure Program, HD Narra-:	:	:	:
:	:	gansett Bay, 1941)	:	:	:
1	:	<u>Fort Church (47)</u>	:	:	:
:	:	<u>Cable Terminal</u>	:	:	:
:	:	(Included in Approved Augmented:	:	:	:
:	:	Expenditure Program, HD Narra-:	:	:	:
:	:	gansett Bay 1941, priority #9):	:	:	:
:	:	<u>Cable Terminal to FSB</u>	:	:	:
:	:	<u>Battery Gray Site 1B</u>	:	:	:
:	:	<u>1,000 ft. WC 379 @ \$1.10</u>	\$1,100	:	:
:	:	For HD 194 pr.	:	:	:
:	:	For HHq & Att 56 pr.	:	:	:
:	:	Required 300 pr.	:	:	:
:	:	Trenching	:	\$500	:
:	:	Contingency	220	100	:
:	:		\$1,320	\$600	\$1,920
:	:	<u>FSB Site 1B to Site 1A</u>	:	:	:
:	:	<u>1,800 ft. WC 360 @ 56¢</u>	\$1,008	\$ 900	:
:	:	For HD 97 pr.	:	:	:
:	:	Required 100 pr.	:	:	:
:	:	Trenching	:	\$ 900	:
:	:	Contingency	212	180	:
:	:		\$1,220	\$1,080	\$2,300
:	:	<u>Site 1A to Site 1C</u>	:	:	:
:	:	<u>700 ft. WC 366 @ 22¢</u>	\$154	:	:
:	:	For HD 17 pr.	:	:	:
:	:	Required 25 pr.	:	:	:
:	:	Trenching	:	\$350	:
:	:	Contingency	31	70	:
:	:		\$185	\$420	\$605

S E C R E T

Exhibit 1-B • Page 14 •

S E C R E T

H.D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION - SIGNAL
CABLE INSTALLATIONS

Pri:	Item:					
or-:	No.:	Description of Project	Material:	Labor		Total
ity:	:	:	:	:	:	:
:	:	:	:	:	:	:
:	:	<u>Site 1A to SwBd-Room Site 2B</u>	:	:	:	:
:	:	4,500 Ft. WC360 @ 56¢	\$2,520	:	:	:
:	:	For HD 73 Pr.	:	:	:	:
:	:	Required 100 Pr.	:	:	:	:
:	:	Trenching	:	\$2,250	:	:
:	:	Contingency	504	450	:	:
:	:	<u>Site 2B to Site 2A</u>	3,024	2,700	:	\$5,724
:	:	700 ft. WC 364 @ 15¢	\$105	:	:	:
:	:	For HD 7 pr.	:	:	:	:
:	:	Required 10 pr.	:	:	:	:
:	:	Trenching	:	\$350	:	:
:	:	Contingency	21	70	:	:
:	:		\$126	\$420	:	\$546
:	:	<u>Site 2B to Site 1 Sakonnet Point:</u>	:	:	:	:
:	:	10,200 ft. WC 367 @ 32¢	\$3,264	:	:	:
:	:	For HD 29 pr.	:	:	:	:
:	:	Required 50 pr.	:	:	:	:
:	:	Trenching	:	\$5,100	:	:
:	:	Contingency	653	1,020	:	:
:	:		\$3,917	\$6,120	:	\$10,037
:	:	<u>Site 2B to Site 1</u>	:	:	:	:
:	:	<u>Warren Point</u>	:	:	:	:
:	:	7,000 ft. WC 360 @ 56¢	\$3,920	:	:	:
:	:	For HD 51 pr.	:	:	:	:
:	:	Required 100 pr.	:	:	:	:
:	:	Trenching	:	\$3,500	:	:
:	:	Contingency	784	700	:	:
:	:		\$4,704	\$4,200	:	\$8,904
1	:	<u>Gooseberry Neck (50)</u>	:	:	:	:
:	:	<u>Cable Terminal</u>	:	:	:	:
:	:	(Included in HD of New Bedford Project)	:	:	:	:
:	:	<u>Subterranean Cable</u>	:	:	:	:
:	:	3,000 ft. WC 367	:	:	:	:
:	:	Required 50 pr.	:	:	:	:
:	:	(Included in Approved Augmented:	:	:	:	:
:	:	Expenditure Program, HD Narra-	:	:	:	:
:	:	gansett Bay, 1941)	:	:	:	:
:	:		:	:	:	:
:	:		:	:	:	:

S E C R E T

S E C R E T

H.D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION - SIGNAL
CABLE INSTALLATIONS

Pri:	Item:		Material:	Labor	Total
or-:	No.:	Description of Project			
ity:					
1		Cuttyhunk Island (57)			
		Cable Terminal			
		(Included in Approved Augmented			
		Expenditure Program HD Narra-			
		gansett Bay 1941, priority #45)			
		Subterranean Cable			
		4,000 ft. WC 367			
		For HD New Bedford 12 pr.			
		For HD Narra Bay 32 pr.			
		For HHq & Att 56 pr.			
		Required 100 pr.			
		(Included in Approved Augmented			
		Expenditure Program HD Narra-			
		gansett Bay 1941) Priority #46:			
		10,000 ft. WC 367 @ 32¢	\$3,200	15,000	
		For HD New Bedford 12 pr.			
		For HD Narra Bay 32 pr.			
		For HHq & Att 56 pr.			
		Total Proposed 100 pr.			
		(Required to provide 100 pr.			
		over a distance of 7,000 ft.			
		from Cable Terminal to Site #2)			
		Contingency	640		
			\$3,840	15,000	18,840
		Site 1 to Site 2			
		3,000 ft. WC 367 @ 32¢	\$960		
		Trenching		\$1,500	
		Contingency	192	300	
			\$1,152	\$1,800	\$2,952
1		Gay Head (59)			
		Cable Terminal			
		(Included in Approved Augmented			
		Expenditure Program, HD of			
		Narragansett Bay 1941, pri-			
		ority #49)			

S E C R E T

Exhibit 1-B Page 16

S E C R E T

H.D. of Narragansett Bay

Cost Estimate and Priority Guide

FORTIFICATION CONSTRUCTION - SIGNAL
CABLE INSTALLATIONS

Pri-	Item:		Material:	Labor	Total
or-	No.:	Description of Project			
ity:	:				
:	:		:	:	:
:	:	<u>Cable Terminal to Site 2</u>	:	:	:
:	:	3,000 ft. WC 366 @ 22¢	:	:	:
:	:	For HD Narra Bay 9 pr.	:	:	:
:	:	For HD New Bedford 7 pr.	:	:	:
:	:	For HHq & Att 28 pr.	:	:	:
:	:	Required 50 pr.	:	:	:
:	:	Approved 25 pr.	:	:	:
:	:	Additional Required 25 pr.	\$660	:	:
:	:	(Included in Approved Augmented:	:	:	:
:	:	Expenditure Program HD Narra-	:	:	:
:	:	gansett Bay 1941, priority #50)	:	:	:
:	:	Contingency	\$132	:	:
:	:		\$792	:	\$792
:	:		:	:	:
:	:	<u>Site 1 to Site 2</u>	:	:	:
:	:	2,000 ft. WC 364 @ 15¢	\$300	:	:
:	:	For HD 10 pr.	:	:	:
:	:	Trenching	:	\$1,000	:
:	:	Contingency	60	200	:
:	:		\$360	\$1,200	\$1,560
:	:		:	:	:
4	:	<u>Location #60-1 Beacon Hill Block Island</u>	:	:	:
:	:	<u>Cable Terminal</u>	:	:	:
:	:	Material	\$300	:	:
:	:	Labor	:	\$325	:
:	:	Contingency	60	65	:
:	:		\$360	\$390	\$750
:	:		:	:	:
:	:	<u>Cable Terminal to FSB Beacon Hill:</u>	:	:	:
:	:	6,000 ft. WC 379 \$1.10	\$6,600	:	:
:	:	For HD Narra Bay 72 pr.	:	:	:
:	:	For HD L.I.S. 69 pr.	:	:	:
:	:	For HHq & Att 84 pr.	:	:	:
:	:	Required 300 pr.	:	:	:
:	:	Trenching	:	\$3,000	:
:	:	Contingency	1,320	600	:
:	:		\$7,920	\$3,600	\$11,520
:	:		:	:	:
:	:		:	:	:
:	:		:	:	:
:	:		:	:	:
:	:		:	:	:

S E C R E T

Exhibit 1-B . Page 17 .

S E C R E T

Cost Estimate and priority guide

FORTIFICATION CONSTRUCTION - SIGNAL
CABLE INSTALLATIONS

Priority:	Item:		\$	\$	\$
or: No.:	Description of Project		Material:	Labor	Total
ity:			\$	\$	\$
	<u>Beacon Hill 60-1 to South West 60-2</u>				
	<u>Aerial Cable</u>				
	<u>18,000 ft.</u>				
	For HD	50 pr.			
	Aerial Cable		\$6,120		
	Installation			\$2,000	
	Contingency		1,224	400	
			\$7,344	\$2,400	\$9,744
4	<u>Beacon Hill 60-1 to Turtle Hill 60-3</u>				
	<u>Aerial Cable</u>				
	<u>15,500 ft.</u>				
	For HD	50 pr.			
	Aerial Cable		\$5,000		
	Installation			\$2,000	
	Contingency		1,020	400	
			\$6,120	\$2,400	\$8,520
4	<u>Beacon Hill 60-1 to Clay Head 60-4</u>				
	<u>Aerial Cable</u>				
	<u>20,000 ft.</u>				
	For HD	50 pr.			
	Aerial Cable		\$6,800		
	Installation			\$2,000	
	Contingency		1,360	400	
			\$8,160	\$2,400	\$10,560
	<u>Subtotal (Subterranean Cable)</u>				\$158,761
	Added by Corps Area Signal Officer to care for increased costs based upon a more thorough study of terrain conditions, and increases in labor and equipment costs				
					\$200,000
					\$358,761
	<u>Subtotal (Submarine Cable) See Exhibit 1-B-6</u>				\$352,681
	<u>Total (Signal Cable installation)</u>		\$435,122	\$276,320	\$711,442

Note

In addition to the cable needs of the Harbor Defenses, 28 thru pairs (listed as HHq & Att in the above tabulations) have been included for the telephone requirements of the following:

AWS	2 pr.	New England Sector	2 pr.
Reinf. Arty.	5 pr.	Sub-Sector	2 pr.
Reinf. AA Arty.	5 pr.	Beach Defense Forces	4 pr.
First Army	4 pr.	Coast Guard(Navy)	4 pr.

S E C R E T

S E C R E T

H. D. of Narragansett Bay

HARBOR DEFENSE FIRE CONTROL REQUIREMENTS
(Exclusive of Battery Requirements)

Loca-: Site: Purpose : Exhi- : Approx: Type of: Approx.: Combined: Ground: Land	tion : No.: of : bit : Coordi: Station: H. I. : with : Eleva-: Reference	No. : : Station : : nates : : & Type : Stations: tion :
31 1-A AAIS OP-1 3-I-3	Cottage 150'	B ¹ ₃ S ¹ ₃ 120' 2-H-2
		B ³ ₂ S ³ ₂
		B ¹¹ ₁₀ S ¹¹ ₁₀
33 1-B C-1 3-I-5	Cottage 46'	B ⁵ ₂ S ⁵ ₂ 20' 1-H-1
G-1 3-I-5	AI	B ³ ₃ S ³ ₃
34 1-B FSB & PSB 1-I-7	Bombproof	P ₂
1-C AAIS OP-2	Cottage 43'	B ¹ ₁₂ S ¹ ₁₂ 43' 1-I-7
		B ¹ ₄ S ¹ ₄
		B ¹ ₉ S ¹ ₉
35 1-D FSB 1-I-8	Cottage	20' 2-H-4
36A AAIS OP-3 1-I-8		
39 1-B FSB & PSB 1-I-12	Bombproof	Mg.
40 1-A AAIS OP-4 1-I-13	Manhole 131'	130' Govt.
C-3	131' AI	
1-B G-5 3-I-13	Manhole 122' AI	Govt.
1-C G-4 3-I-13	Manhole 115' AI	112' Govt.
41 1-A HECF 1-I-14	Cottage 25' AI	20' 1-H-1
1-C G-2 3-I-10	" 65' AI	BC ₇ & BC ₈ 50' 1-H-1
1-D SDGP 3-I-10	Bombproof 85' AI	60' 1-H-1
1-E R 1-I-14	Bombproof	P ₈ 60' 1-H-1
FSB & PSB		
42 1-B FSB 1-I-15	Bombproof	MC ₁ & MC ₂ 20' 2-H-6

S E C R E T

S E C R E T

Form No. 13, Annex B

H. D. of Narragansett Bay

HARBOR DEFENSE FIRE CONTROL REQUIREMENTS
(Exclusive of Battery Requirements)

Loca-: Site: Purpose : Exhi- : Approx: Type of: Approx.: Combined: Ground: Land tion : No.: of : bit : Coordi: Station: H. I. : with : Eleva-: Reference No. : : Station : : nates : : & Type : Stations: tion :									
43	1-B FSB & PSB	1-I-16	Bombproof					40'	Govt.
	1-I Td.	1-I-16	Shed					10'	Govt.
44	1-B H	1-I-17	Bombproof					15'	Govt.
	C-4								
	R								
	Mess.Center								
	1-D G-6	1-I-17	Existing					60'	Govt.
	1-E M	1-I-17	Existing					40'	Govt.
	1-F Td.	1-I-17	Shed					10'	Govt.
	1-H R.ADM.	1-I-17	Existing					25'	Govt.
	1-I FSB & PSB	1-I-17	Bombproof					25'	Govt.
44A	AAIS OP-5	1-I-17							
44B	AAIS OP-6	1-I-17							
47	1-B FSB & PSB	1-I-20	Bombproof			P ₁₁		50'	Govt.
	R								
49	1-A G-3	3-I-18	Cottage		28°AI	B ₂ ⁸ S ₂ ⁸		40'	2-H-8
						B ₇ ⁵ S ₇ ⁵			
	1-B AAIS OP-7	1-I-22	Cottage		36°AI	B ₁₂ ⁴ S ₁₂ ⁴		25'	2-H-8
	C-2	1-I-22				B ₁₁ ⁵ S ₁₁ ⁵			
						B ₁₃ ⁴ S ₁₃ ⁴			
50	2-C FSB	1-I-23	Bombproof			PH		16'	2-H-10
	2-D AAIS OP-8	1-I-23	Lighthouse			B ₈ ⁶ S ₈ ⁶		24'	2-H-10
						B ₁₁ ⁶ S ₁₁ ⁶			
						B ₁₃ ⁵ S ₁₃ ⁵			

S E C R E T

Exhibit 2-B, Page 2 of 3 pages

S E C R E T

H. D. of Narragansett Bay

HARBOR DEFENSE FIRE CONTROL REQUIREMENTS
(Exclusive of Battery Requirements)

Loca-:Site: Purpose : Exhi- :Approx:Type of:Approx.: Combined:Ground: Land
tion : No.: of : bit :Coordi:Station: H. I. : with :Eleva-: Reference
No. : : Station : :nates : :& Type : Stations:tion :

57	2-A	AAIS OP-9	1-I-24	Manhole	160'	PH	140'	
		FSB	1-I-24	Bombproof				
59	2-A	AAIS OP-10	1-I-25	C.G.Station	180'	*AAIS OP	140'	
59B		AAIS OP-11						
60	1-A	AAIS OP-12	1-I-26		230'	B ₁ ⁷ S ₁ ⁷	200'	2-H-13
		FSB				B ₈ ⁸ S ₈ ⁸		
						B ₂ ⁹ S ₂ ⁹		

● Harbor Defenses of Long Island Sound

* Harbor Defenses of New Bedford

LIST OF DATUM POINTS

Race Rock Lighthouse
 Montauk Point Lighthouse
 Watch Hill Point Lighthouse
 Point Judith Lighthouse
 Beavertail Point Lighthouse
 Hazard Tower
 Castle Hill Lighthouse
 Sakonnet Point Lighthouse

Gooseberry Neck
 Cuttyhunk Lighthouse
 Mishaum Point
 Gay Head Lighthouse
 Dumpling Rock Lighthouse
 Sandy Point Lighthouse (Block Is.)
 Southeast Lighthouse (Block Is.)
 Clayhead (Block Island)

S E C R E T

S E C R E T

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery Const. No. 109 Tactical No. 1
 Type and Caliber 2 16-inch Element of Group C-1 G-1
 Location 34 Place Fort Greene Classification To be Constructed

FIRE CONTROL STATIONS

Loca- tion: No.:	Site: No.:	Item: No.:	Fire Cont.:	Exhi- bit Sta.:	Approx: Coordi- nates:	Type of Station:	Approx. H.I.:	Combined with Stations:	Ground Eleva- tion:	Acree- ge Required & Exhibit
32	1A	B ₁ ¹ S ₁ ¹	1-I-5			Tower	110'-AI	B ₂ ⁴ S ₂ ⁴	70'	1.6 Acres 2-H-3
33	1C	B ₁ ² S ₁ ²	1-I-6			Cottage	38'-AI	B ₁₁ ² S ₁₁ ²	28'	1-I-6 *
								BC ₃		
34	1A	P	1-I-7			Bomb- proof	None	None	40'	1-I-7 *
34	1C	BC	1-I-7			Frame House	50'-AI	BC ₂	43'	1-I-7 *
35	1A	B ₁ ³ S ₁ ³	1-I-8			Cottage	48'-AI	B ₈ ³ S ₈ ³	23'	4-H-4 *
								B ₇ ³ S ₇ ³		
46	1C	B ₁ ⁴ S ₁ ⁴	1-I-19			Silo	75'-AI	B ₁₂ ³ S ₁₂ ³	40'	18.9 Acres 2-H-8
								B ₁₃ ³ S ₁₃ ³		

* Land to be acquired for battery construction

BASE LINE DATA

Base Line		Azimuth	Length	Azimuth and length were determined by:
From Station	To Station			
B ₁ ¹	B ₁ ²	280°	10,000	Map measurements, Harbor Defenses of Long Island Sound Narragansett Bay and New Bedford. U. S. Engineer Office, Providence, R. I.
B ₁ ²	B ₁ ³	209°	10,000	
B ₁ ³	B ₁ ⁴	257°	16,500	
B ₁ ⁴	B ₁ ⁵	282°	6,250	
B ₁ ⁵	B ₁ ⁶	258°	11,750	

S E C R E T

S E C R E T

Form 14 Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery Constr. No. 109 Tactical No. 1
 Type and Caliber 2 16-inch Element of Group C-1 G-1
 Location 34 Place Fort Greene Classification To be Constructed

FIRE CONTROL STATIONS (cont'd)

Loca- tion:	Site: No.:	Item: No.:	Fire : Cont.:	Exhi- bit Sta.:	Approx: Coordi- nates:	Type of: Station:	Approx: H. I. :	Combined with Stations	Ground: Eleva- tion	Acres: Requ- ired
49	1C	B ⁵ ₁ S ⁵ ₁	1-I-22			Cottage 30'-AI		B ⁵ ₈ S ⁵ ₈ PH	20'	2.0 A 2-H-
50	1B	B ⁶ ₁ S ⁶ ₁	1-I-23			Cottage 35'-AI		B ⁵ ₁₂ S ⁵ ₁₂	16'	74 A 2-H-
60	1A	B ⁷ ₁ S ⁷ ₁	1-I-26			Cottage 223'-DF		AAIS OP #12 B ⁹ ₂ S ⁹ ₂ B ⁸ ₈ S ⁸ ₈	200'	7.5 A 2-H-
60	2A	B ⁸ ₁ S ⁸ ₁	1-I-27			Cottage 115'-DF		B ¹⁰ ₂ S ¹⁰ ₂ B ⁶ ₃ S ⁶ ₃	100'	18 A 2-H-
60	3A	B ⁹ ₁ S ⁹ ₁	1-I-28			Cottage 145'-DF		B ¹¹ ₂ S ¹¹ ₂ B ⁹ ₈ S ⁹ ₈	130'	8 A 2-H-
60	4B	B ¹⁰ ₁ S ¹⁰ ₁	1-I-29			Cottage 150'-AI		B ¹² ₂ S ¹² ₂ B ¹⁰ ₈ S ¹⁰ ₈	135'	45 A 2-H-

BASE LINE DATA (cont'd)

Base Line		Azimuth	Length (Yards)	Azimuth and length were determined by
From Station:	To Station:			
B ⁷ ₁	B ⁸ ₁	17°	3,250	Map measurements, War De
B ⁸ ₁	B ⁹ ₁	268°	3,300	ment, Corps of Engineers,
B ⁹ ₁	B ¹⁰ ₁	170°	7,000	Special Military Map - R
B ¹⁰ ₁	B ⁸ ₁	207°	8,500	Island, R. I.
B ⁷ ₁	B ¹⁰ ₁	215°	5,260	

S E C R E T

Exhibit 3-B, Page 2 of 26 pages

S E C R E T

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery -- Const. No. 108 Tactical No. 2
 Type and Caliber 2-16-inch Element of Group C-1 G-1
 Location 34 Place Fort Greene Classification Under Construction

FIRE CONTROL STATIONS

Loca- tion: No.:	Site: No.:	Item: No.:	Fire : Cont.: Sta.:	Exhi- bit :	Approx: Coordi: nates :	Type of: Station: & Type	Approx.: H.I. :	Combined: with Stations:	Ground: Eleva- tion :	Acreage Required Exhibit
27	2C	B ₂ ¹ S ₂ ¹	1-I-1		Tower	60 AI	AAIS OP*	20'		Federal USCG
								B ₈ ⁵ S ₈ ⁵ *		
29	1B	B ₂ ² S ₂ ²	1-I-3		Tower	114 AI	AAIS OP*	65'	.85 Acres	Exh 2-H-1
								B ₁₀ ¹⁰ S ₁₀ ¹⁰ *		
31	1A	B ₂ ³ S ₂ ³	1-I-4		Cottage	136 AI	B ₁₀ ¹¹ S ₁₀ ¹¹ *	120'	.48 Acres	Exh 2-H-2
								B ₃ ¹ S ₃ ¹		
32	1A	B ₂ ⁴ S ₂ ⁴	1-I-5		Tower	118 AI	AAIS OP#1	70'	Exh 2-H-3	
								B ₁ ¹ S ₁ ¹		
33	1B	B ₂ ⁵ S ₂ ⁵	1-I-6		Cottage	46 AI	B ₃ ³ S ₃ ³	20'	Exh 1-I-6	
								G-1 C-1		
34	1C	BC ₂	1-I-7		Cottage	50 AI	BC ₁	43'	Exh 1-I-7	
34	2B	P	1-I-7		Bomb- proof	----	FSB Radio Rm	40'	Exh 1-I-7	

* Harbor Defenses Long Island Sound

BASE LINE DATA					
Base Line		Azimuth	Length (yards)	Azimuth and length were determined by:	
From : Station:	To : Station:				
B ₂ ¹	B ₂ ²	257°	10700	Map measurements, Harbor	
B ₂ ²	B ₂ ³	248°	5000	Defenses of Long Island S	
B ₂ ³	B ₂ ⁴	255°	9600	Narragansett Bay and New	
B ₂ ⁴	B ₂ ⁵	280°	10000	Bedford. U. S. Engineer	
B ₂ ⁵	B ₂ ⁶	209°	10000	Office, Providence, R. I.	

S E C R E T

S E C R E T

Form 14. Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery Const. No. 108 Tactical No. 2
 Type and Caliber 2-16-inch Element of Group C-1 G-1
 Location 34 Place Fort Greene Classification Under Construction

FIRE CONTROL STATIONS (cont'd)

Loca: tion: No.:	Site: No.:	Item: No.:	Fire : Cont.: Sta.:	Exhi- bit :	:Approx: :Coordi: :nates :	Type of: Station: :& Type	:Approx.: :H.I. : :Stations:	:Combined: :with : :Stations:	:Ground: :Eleva-: :tion :	:Acreage :Required :Exhibit
35	1B	B ₂ ⁶	S ₂ ⁶	1-I-8		Cottage 35 AI	B ₃ ⁴	S ₃ ⁴	24'	2-H-4
46	1B	B ₂ ⁷	S ₂ ⁷	1-I-19		Barn 63 AI	B ₁₁ ⁴	S ₁₁ ⁴	40'	2-H-8
49	1A	B ₂ ⁸	S ₂ ⁸	1-I-22		Cottage 36 AI	B ₇ ⁵	S ₇ ⁵	20'	2-H-9
									G-3	
60	1A	B ₂ ⁹	S ₂ ⁹	1-I-26		Cottage 207 DPF	AAIS	OP#12	200'	2-H-13
							B ₁ ⁷	S ₁ ⁷		
							B ₈ ⁸	S ₈ ⁸		
60	2A	B ₂ ¹⁰	S ₂ ¹⁰	1-I-27		Cottage 123 DPF	B ₁ ⁸	S ₁ ⁸	100'	2-H-14
							B ₃ ⁶	S ₃ ^{6*}		
60	3A	B ₂ ¹¹	S ₂ ¹¹	1-I-28		Cottage 153 DPF	B ₁ ⁹	S ₁ ⁹	130'	2-H-15
							B ₈ ⁹	S ₈ ⁹		

* Harbor Defenses Long Island Sound

BASE LINE DATA				
Base Line	:		:	
From : To	:	Azimuth	:	Length
Station: Station	:		:	(yards)
	:		:	
B ₂ ⁶	B ₂ ⁷	257°		16,500
B ₂ ⁷	B ₂ ⁸	282°		6,250
B ₂ ⁹	B ₂ ¹⁰	17°		3,250
B ₂ ¹⁰	B ₂ ¹¹	268°		3,300
B ₂ ¹¹	B ₂ ¹²	170°		7,000

War Department, Corps of Engineers, Special Milit Map, Block Island.

S E C R E T

Exhibit 3-B, Page 4 of 26 pages

S E C R E T

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery -- Const. No. 108 Tactical No. 2
 Type and Caliber 2-16-inch Element of Group C-1 G-1
 Location 34 Place Fort Greene Classification Under Constructi

FIRE CONTROL STATIONS (cont'd)

Loca- tion : No. :	Site : No. :	Item : Cont : Sta. :	Fire : Exhi- bit :	Approx : Coordi : nates :	Type of : Station : & Type :	Approx : Station : H. I. :	Combined : with : Stations :	Ground : Eleva- tion :	Acreage : Required : & Exhibit
60	4B	B ₂ ¹² S ₂ ¹²	1-I-29	Cottage 158 DPF	B ₁ ¹⁰ S ₁ ¹⁰	135'	2-H-16		
					B ₈ ¹⁰ S ₈ ¹⁰				

BASE LINE DATA (cont'd)

Base Line From : To	Station : Station	Azimuth	Length (yards)	Azimuth and length were determined by:
B ₂ ¹² B ₂ ¹⁰		207°	8,500	War Department, Corps of
B ₂ ⁹ B ₂ ¹²		215°	5,260	Engineers, Special Milit
				Map, Block Island

S E C R E T

S E C R E T

Form 14. Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery Const. No. 211 Tactical No. 3
 Type and Caliber 2 6-inch Element of Group C-1 G-2
 Location 33 Place Point Judith Classification To be Constructed

FIRE CONTROL STATIONS

Loca- tion: No.:	Site: No.:	Item: No.:	Fire : Cont.:	Exhi- bit Sta.:	Approx: Coordi- nates :	Type of: Station:	Approx: H. I. : & Type :	Combined with Stations	Ground: Eleva- tion :	Acreeage Required & Exhibit
31	1A	B ¹ ₃	S ¹ ₃	1-I-4	Cottage	144' DFP	AAIS OP #1	120'	2-H-2	
							B ¹ S ¹ 10 10 B ³ S ³ 2 2			
32	1B	B ² ₃	S ² ₃	1-I-5	Tower	110' AI	B ¹ S ¹ 10 10 P H	70'	2-H-3	
33	1C	B ₃		1-I-6	Cottage	30' AI	B ² S ² 11 11 B ² S ² 1 1	20'	1-I-6	
33	1B	B ³ ₃	S ³ ₃	1-I-6	Cottage	38' AI	B ⁵ S ⁵ 2 2 G-1 C-1	23'	1-I-6	
35	1B	B ⁴ ₃	S ⁴ ₃	1-I-8	Cottage	35' AI	B ⁶ S ⁶ 2 2	24'	2-II-4	

* Harbor Defenses of Long Island Sound.

BASE LINE DATA

Base Line		Azimuth	Length	Azimuth and length were determined by:
From : Station :	To : Station :			
			(Yards)	
B ¹ ₃	B ² ₃	255°	9,600	Map Measurements, Harbor
B ² ₃	B ³ ₃	280°	10,000	Defenses of Long Island
B ³ ₃	B ⁴ ₃	209°	10,000	Sound, Narragansett Bay & New Bedford. U. S. Engi- neer Office, Providence, R.

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Exhibit 3-B, Page 6 of 26 pages

S E C R E T

Form 14. Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery Const. No. 211 Tactical No. 3
 Type and Caliber 2 6-inch Element of Group C-1 G-2
 Location 33 Place Point Judith Classification To be Constructed

FIRE CONTROL STATIONS (cont'd)

Loca- tion:	Site: No.:	Item: No.:	Fire : Cont.:	Exhi- bit	Approx: Coordi- nates :	Type of: Station:	Approx.: H. I. :	Combined with	Ground: Eleva- tion :	Acreage Required & Exhibi
60	3-B	B ⁵ 3	S ⁵ 3	1-I-28		Cottage DPF	137'	B ⁹ S ⁹ 11 11	130'	2-H-15
60	4-A	B ⁶ 3	S ⁶ 3	1-I-29		Cottage DPF	152'	B ⁶ S ⁶ * 2 2	135'	2-H-16
								B ¹¹ S ¹¹ * 12 12		

* Harbor Defenses of Long Island Sound.

BASE LINE DATA (cont'd)

Base Line		Azimuth	Length (Yards)	Azimuth and length were determined by
From : Station:	To : Station:			
B ⁵	B ⁶	1700°	7,000	War Department, Corps of Engineers, Special Militar Map, Block Island

S E C R E T

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S E C R E T

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery House Const. No. — Tactical No. 4
 Type and Caliber 2- 6-inch Element of Group C-3 G-4
 Location 35 Place Boston Neck Classification Permanent

FIRE CONTROL STATIONS

Loca- tion: No.:	Site: No.:	Item: No.:	Fire : Cont.:	Exhi- bit	Approx- :Coordi- nates :	Type of: Station:	Approx- :H. I. :	Combined: :with :	Ground: Eleva- tion :	Acreage Required Exhibit
34	2-C	B ₄ ¹ S ₄ ¹	1-I-7		Cottage	30' AI	B ₁₂ ¹ S ₁₂ ¹	23'	1-I-7	
							B ₉ ¹ S ₉ ¹			
							AAIS OP #2			
35	1-D	B ₄ ² S ₄ ²	1-I-8		Cottage	50' AI	B ₉ ² S ₉ ²	18'	2-H-4	
		P								
35	1-F	BC	1-I-8		Open	25' AI		18'	2-H-4	
35	1-F	CRF	1-I-8		Open	--	--	18'	2-H-4	

BASE LINE DATA

Base Line From : To	Station:Station	Azimuth	Length (Yards)	Azimuth and length were determined by:
B ₆ ¹	B ₆ ²	209°	7,400	Map measurements, Har- bor Defenses of Long Island Sound, Narraganset Bay and New Bedford. U. S. Engineer Office, Providence, R. I.

S E C R E T

S E C R E T

Form 14. Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery Armistead Const. No. -- Tactical No. 5
Type and Caliber 2 3-inch Element of Group C-3 G-4
Location 35 Place Boston Neck Classification Permanent

FIRE CONTROL STATIONS

Loca: tion: No.:	Site: No.:	Item: No.:	Fire : Cont.:	Exhi- bit Sta.:	Approx: Coordi: nates:	Type of: Station:	Approx.: H. I. :	Combined: with :	Ground: Eleva- tion :	Acreeage Required & Exhibit
35	1-G		BC	1-I-8		Open	AI	----	25	2-H-4
35	1-G		CRF	1-I-8		Open	--	----	25	2-H-4

BASE LINE DATA

Base Line	:		:		:
From : To	:	Azimuth	:	Length	:
Station: Station	:		:		:
	:		:	(Yards)	:

Azimuth and length were determined by:

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S E C R E T

Form 14. Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery Whiting Const. No. — Tactical No. 6
Type and Caliber 2 3-inch Element of Group C-3 G-5
Location 41 Place Beavertail Classification Permanent

FIRE CONTROL STATIONS

Loca:	Site:	Item:	Fire :	Exhi-	:Approx:	Type of:	:Approx.:	Combined:	Ground:	Acreage
tion:	No.:	No.:	Cont.:	bit	:Coordi:	Station:	H. I. :	with	:Eleva-	:Required
No.:	:	:Sta. :	:	:nates :	:	:& Type	:Stations:	tion	:&Exhibit	
41	1-G	BC	1-I-14		Open	AI	----	35'	1-I-14	
41	1-G	CRF	1-I-14		Open	40	----	35'	1-I-14	

BASE LINE DATA

Base Line	:	:	:	:
From : To	:	Azimuth	:	Length
Station:Station	:	:	:	: Azimuth and length were
:	:	:	:	determined by:
:	:	:	:	(Yards)

S E C R E T

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S E C R E T

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery --- Const. No. 213 Tactical No. 7
 Type and Caliber 2.6-inch Element of Group C-1 G-2
 Location 41 Place Beavertail Classification To be Constructed

FIRE CONTROL STATIONS

Loca- tion No.:	Site: No.:	Item: No.:	Fire Cont.:	Exhi- bit	Approx: Coordi- nates:	Type of: Station:	Approx. H. I.:	Combined: with	Ground: Eleva- tion	Acreage Required & Exhibit
32	1C	B ¹ ₇ S ¹ ₇	1-I-5		Tower	110 AI	AAIS OP* B ¹ ₁₁ S ¹ ₁₁ B ¹ ₈ S ¹ ₈		70'	2-H-3
33	1-D	B ² ₇ S ² ₇	1-I-6		Cottage	38 AI	B ² ₈ S ² ₈ B ¹ ₁₃ S ¹ ₁₃		23'	1-I-6
35	1A	B ³ ₇ S ³ ₇	1-I-8		Cottage	32 AI	B ³ ₁ S ³ ₁ B ³ ₈ S ³ ₈		23'	2-H-4
41	1C	BC ₇	1-I-14		Cottage	75 AI	BC ₈ G-2		50'	1-I-14
41	1B	P	1-I-14		Empl.	---	---		---	1-I-14
46	1-A	B ⁴ ₇ S ⁴ ₇	1-I-19		Cottage	52 AI	B ⁴ ₈ S ⁴ ₈		40'	2-H-8

*Harbor Defense Long Island Sound.

BASE LINE DATA

Base Line From : To	Station : Station	Asimuth	Length (yards)	Asimuth and length were determined by:
B ¹ ₇	B ² ₇	280°	10,000	Map Measurements, Harbor Defense
B ² ₇	B ³ ₇	209°	10,000	Long Island Sound, Narragansett
B ³ ₇	B ⁴ ₇	257°	16,500	and New Bedford, U. S. Engineer
B ⁴ ₇	B ⁵ ₇	282°	6,250	Office, Providence, R. I.

S E C R E T

S E C R E T

Form 114. Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery -- Const. No. 213 Tactical No. 7
Type and Caliber 2.6-inch Element of Group C-1 G-2
Location 41 Place Beavertail Classification To be Constructed

FIRE CONTROL STATIONS (cont'd)

Loca-:Site:Item:Fire : Exhi-:Approx:Type of:Approx.: Combined:Ground:Acreeage	tion : No.: No.:Cont.: bit : Coordi:Station: H. I. : with :Eleva-:Required	No. : : :Sta. : :nates : :& Type : Station:tion :&Exhibit					
49	1-A	B ⁵ S ⁵ 1-I-22	Cottage	28	B ⁸ S ⁸	20'	2-H-9
		7 7		AI	2 2		
					G-3		

BASE LINE DATA (cont'd)

Base Line	:	:	:	:
From :To	:	Azimuth	:	Length
Station:Station	:	:	:	(yards)
:	:	:	:	:

Azimuth and length were determined by:

S E C R E T

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S E C R E T

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery -- Const. No. 110 Tactical No. 8
Type and Caliber 2 16-inch Element of Group C-1 G-1
Location 41 Place Beavertail Classification To be Constructed

FIRE CONTROL STATIONS

Loca-:Site:Item:Fire : Exhi-	:Approx:Type of:Approx: Combined:Ground:Acreage
tion : No.: No.:Cont.: bit	:Coordi:Station: H. I. : with :Eleva-:Required
No. : : :Sta. :	:nates : :&Type : Stations:tion :&Exhibit
32 1C B ¹ ₈ s ¹ ₈ 1-I-5	Tower 118 AI AAIS OP* 70' 2-H-3
	B ¹ ₁₁ s ¹ ₁₁
	B ¹ ₇ s ¹ ₇
33 1D B ² ₈ s ² ₈ 1-I-6	Cottage 46 AI B ² ₇ s ² ₇ 23' 1-I-6
	B ¹ ₁₃ s ¹ ₁₃
35 1A B ³ ₈ s ³ ₈ 1-I-8	Cottage 40 AI B ³ ₁ s ³ ₁ 23' 2-H-4
	B ³ ₇ s ³ ₇
41 1C BC ₈ 1-I-14	Cottage 75 AI BC ₇ 50' 1-I-14
	G-2
41 1E P 1-I-14	Bombproof --- FSB 60' 1-I-14
	Radio Rm

* Harbor Defense Long Island Sound.

BASE LINE DATA

<u>Base Line</u>		:	:	:	:
<u>From</u>	<u>To</u>	:	Azimuth	:	Length
<u>Station</u>	<u>Station</u>	:	:	:	(yards)
:	:	:	:	:	:
		:	Azimuth and length were determined by:		
B ₈ ¹	B ₈ ²	:	280°	:	10,000
		:	Map Measurements, Harbor Defense of		
B ₈ ²	B ₈ ³	:	209°	:	10,000
		:	Long Island Sound, Narragansett Bay,		
B ₈ ³	B ₈ ⁴	:	257°	:	16,500
		:	and New Bedford, U. S. Engineer Office		
B ₈ ⁴	B ₈ ⁵	:	282°	:	6,250
		:	Providence, R. I.		
B ₈ ⁵	B ₈ ⁶	:	258°	:	11,750

S E C R E T

Exhibit 3-B, Page 13 of 26 pages

S E C R E T

Form 14. Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery -- Const. No. 110 Tactical No. 8
 Type and Caliber 2 16-inch Element of Group C-1 G-1
 Location 41 Place Beavertail Classification To be Constructed

FIRE CONTROL STATIONS (cont'd)

Loca: tion: No.:	Site: No.:	Item: No.:	Fire : Cont.: Sta.:	Exhi- bit :	Approx: Coordi: nates :	Type of: Station: :	Approx.: H. I. : Type :	Combined with Stations	Ground: Eleva- tion :	Acres: Require :&Exhibi
46	1A	B ⁴ ₈	S ⁴ ₈	1-I-19		Cottage	60 AI	B ⁴ ₇ S ⁴ ₇	40'	2-H-8
49	IC	B ⁵ ₈	S ⁵ ₈	1-I-22		Cottage	30 AI	B ⁵ ₁ S ⁵ ₁ PH	20'	2-H-9
50	2D	B ⁶ ₈	S ⁶ ₈	1-I-23		LH	55 AI	AAIS OP#8 B ⁶ ₁₁ S ⁶ ₁₁ B ⁵ ₁₃ S ⁵ ₁₃	24'	2-H-10
57	1A	B ⁷ ₈	S ⁷ ₈	1-I-24		MH	133 DPF	---	133'	3.5 Acres 2-H-11
60	1A	B ⁸ ₈	S ⁸ ₈	1-I-26		Cottage	215 AI	AAIS OP#12 B ⁷ ₁ S ⁷ ₁ B ⁹ ₂ S ⁹ ₂	200'	2-H-12

BASE LINE DATA (cont'd)

Base Line		Azimuth	Length (Yards)	Azimuth and length were determined by:
From : Station:	To : Station:			
B ⁶ ₈	B ⁷ ₈	311°	11,000	War Department, Corps of Engineers
B ⁸ ₈	B ⁹ ₈	215°	5,260	Special Military Map
B ⁹ ₈	B ¹⁰ ₈	170°	7,000	Block Island

S E C R E T

Exhibit 3-B, Page 14 of 26 pages

S E C R E T

Form 14. Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery — Const. No. 110 Tactical No. 8
 Type and Caliber 2 16-inch Element of Group C-1 G-1
 Location 41 Place Beavertail Classification To be Constructed

FIRE CONTROL STATIONS (cont'd)

Loca- tion: No.:	Site: No.:	Item: No.:	Fire Cont.:	Exhi- bit	Approx. Coordi- nates	Type of Station:	Approx. H. I.:	Combined with Stations	Ground Eleva- tion	Acreage Required & Exhibit
60	3A	B ⁹ 8	S ⁹ 8	1-I-28		Cottage	137 AI	B ¹¹ S ¹¹ 2 2	130'	2-H-15
								B ⁹ S ⁹ 1 1		
60	4B	B ¹⁰ S ¹⁰ 8 8	1-I-29			Cottage	142 DPF	B ¹² S ¹² 2 2	135'	2-H-16
								B ¹⁰ S ¹⁰ 1 1		

BASE LINE DATA (cont'd)

Base Line	From	To	Azimuth	Length	Azimuth and length were
Station: Station	:	:	:	:	determined by:
:	:	:	:	(Yards)	:

S E C R E T

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S E C R E T

Form 114. Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery Dickenson Const. No. — Tactical No. 9
 Type and Caliber 2-6-inch Element of Group C-3 G-5
 Location 43 Place Ft. Wetherill Classification Permanent

FIRE CONTROL STATIONS

Loca-:Site:Item:Fire : Exhi-:Approx:Type of:Approx.: Combined:Ground:Acreeage tion : No.: No.:Cont.: bit :Coordi:Station: H. I. : : with :Eleva-:Required No. : : :Sta. : :nates : :& Type : Stations:tion :&Exhibit
34 2-C B ₉ ¹ S ₉ ¹ 1-I-7 Cottage 30 AAIS OP#2 23' 1-I-7 AI B ₁₂ ¹ S ₁₂ ¹ B ₄ ¹ S ₄ ¹
35 1-D B ₉ ² S ₉ ² 1-I-8 Cottage 42 B ₄ ² S ₄ ² 18' 2-H-4 AI
43 1-A BC ₉ 1-I-16 Open 45 --- 35' 1-I-16 AI
43 1-A CRF ₉ 1-I-16 Concrete 45 --- 35' 1-I-16
43 1-C P 1-I-16 Empl. --- --- --- 1-I-16

BASE LINE DATA

Base Line	:		:		:	
From :To	:	Azimuth	:	Length	:	Azimuth and length were
Station:Station	:		:	(yards)	:	determined by:
:	:		:		:	
B ₉ ¹ B ₉ ²	:	209°	:	7,400	:	Map Measurements, Harbor Defenses o: Long Island Sound, Narragansett Bay and New Bedford, U. S. Engineer Office, Providence, R. I.

S E C R E T

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S E C R E T

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery Crittenden Const. No. — Tactical No. 10
 Type and Caliber 2 3-inch Element of Group C-3 G-5
 Location 43 Place Fort Wetherill Classification Permanent

FIRE CONTROL STATIONS

Loca- tion No.	Site: No.	Item: Cont.	Fire : bit Sta.	Exhi- :bit :nates	Approx: Station: E. I.	Type of: Station: & Type	Approx.: E. I.	Combined: with	Ground: Eleva- tion	Acreage: Required & Exhibit
43	1-D	BC	1-I-16		Open	45 AI	-	30'	1-I-16	
43	1-D	CRF	1-I-16		Concrete	45	-	30'	1-I-16	

BASE LINE DATA

Base Line	From	To	Azimuth	Length (yards)	Azimuth and length were determined by:
Station: Station	:	:	:	:	:

S E C R E T

S E C R E T

Form 14. Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery Gray Const. No. 107 Tactical No. 11
 Type and Caliber 2 16-inch Element of Group C-2 Sep. Btry.
 Location 47-1 Place Fort Church, R.I. Classification: Under construction

FIRE CONTROL STATIONS

Loca- tion: No.:	Site: No.:	Item: No.:	Fire Cont.:	Exhi- bit	Approx: Coordi- nates:	Type of: Station:	Approx. H.I.:	Combined with	Ground: Eleva- tion	Acreage Required & Exhibit
32	1C	B1 S1 11 11	1-I-5		Tower	126 AI		AAIS OP*	70'	2-H-33
								B1 S1 8 8		
								B1 S1 7 7		
33	1C	B2 S2 11 11	1-I-6		Cottage	46 AI		B2 S2 1 1	23'	1-I-6
								BC3		
35	1C	B3 S3 11 11	1-I-8		Cottage	48 AI		B2 S2 12 12	24'	2-H-4
								B2 S2 13 13		
46	1B	B4 S4 11 11	1-I-19		Barn	63 AI		B7 S7 2 2	50'	2-H-8
47	1C	BC	1-I-20		Manhole	65 AI			60'	1-I-20
47	1B	P	1-I-20		Bombproof			(FSB Radio Rm. 25'		1-I-20

BASE LINE DATA

Base Line From : To	Station : Station	Azimuth	Length	Azimuth and length were determined by
:	:	:	(Yards)	:
B1 11	B2 11	280°	10000	Map Measurements, Harbor
B2 11	B3 11	209°	10000	Defenses of Long Island
B3 11	B4 11	257°	16500	Sound, Narragansett Bay &
B4 11	B5 11	282°	6250	New Bedford. U. S. Engi- neer Office, Providence, R.I.

S E C R E T

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S E C R E T

Form 14. Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery Gray Const. No. 107 Tactical No. 11
 Type and Caliber 2 16-inch Element of Group C-2 Sep. Btry.
 Location 47-1 Place Fort Church, R.I. Classification: Under construction

FIRE CONTROL STATIONS (Cont'd)

Loca- tion: No.:	Site: No.:	Item: No.:	Fire Cont.:	Exhi- bit Sta.:	Approx- : Coordi- : nates :	Type of: Station:	Approx- : H. I. : : & Type :	Combined: with Stations:	Ground: Eleva- tion :	Acreage Required :& Exhibit
49	1B	B5 S5 11 11	1-I-22		Cottage	44 AI	AAIS OP #7	20'	2-H-9	
							B4 S4 12 12			
							C-2			
							B4 S4 13 13			
50	1D	B6 S6 11 11	1-I-23		LH	47 AI	AAIS OP #8	24'	2-H-10	
							B6 S6 8 8			
							B5 S5 13 13			
57	1D	B7 S7 11 11	1-I-25		MH	140 AI			140'	2-H-11
59	1A	B8 S8 11 11	1-I-25		MH	155 DPF			155'	3.5 Acres 2-H-12

BASE LINE DATA (Cont'd)

Base Line		Azimuth	Length (Yards)	Azimuth and length were determined by
From Station	To Station			
B5 11	B6 11	258°	11750	Map Measurements, Harbor
B6 11	B7 11	311°	11000	Defenses of Long Island
B7 11	B8 11	314°	12150	Sound, Narragansett Bay & New Bedford. U. S. Engi- neer Office, Providence, I

S E C R E T

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Form 114. Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery Gray Const. No. 107 Tactical No. 11
Type and Caliber 2 16-inch Element of Group C-2 Sep. Btry.
Location 47-1 Place Fort Church, R.I. Classification Under construction.

FIRE CONTROL STATIONS (Cont'd)

Loca: tion: No.:	Site: No.:	Item: No.:	Fire Cont.:	Exhi- bit	Approx: Coordi: nates	Type of: Station:	Approx. H. I.:	Combined: with	Ground: Eleva- tion	Acage Require &Exhibi
60	3B	B9 11	S9 11	1-I-28		Cottage	145 AI	B5 3	S5 3	130' 2-H-15
60	4D	B10 11	S10 11	1-I-29		Manhole	127 AI			120' 2-H-16

BASE LINE DATA (Cont'd)

Base Line From : Station :	To Station :	Azimuth	Length (Yards)	Azimuth and length were determined by
B9 11	B10 11	170°	7000	War Department Corps Engineers, Special Military Map. Block Island

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Form 14. Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery 8" Sak Const. No. 8" Sak Tactical No. 12
 Type and Caliber 2-3-inch Element of Group G-2 G-3
 Location 47-2 Place Sakonnet Point Classification Under Construction

FIRE CONTROL STATIONS

Loca-:Site:Item:Fire : Exhi-:Approx:Type of:Approx.: Combined:Ground:Acreage
tion : No.: No.:Cont.: bit : Coordi:Station: H. I. : with :Eleva-:Required
No. : : :Sta. : : nates : : & Type : Stations:tion :&Exhibit

AAIS OP#2

34	2-C	B ₁₂ ¹ S ₁₂ ¹	1-I-7	Cottage	38 AI	B ₄ ¹ S ₄ ¹	23'	1-I-7
						B ₉ ¹ S ₉ ¹		
35	1-C	B ₁₂ ² S ₁₂ ²	1-I-8	Cottage	40 AI	B ₁₁ ³ S ₁₁ ³	24'	2-H-4
						B ₁₃ ² S ₁₃ ²		
46	1-C	B ₁₂ ³ S ₁₂ ³	1-I-19	Silo	67 AI	B ₁ ⁴ S ₁ ⁴	40'	2-H-8
						B ₁₃ ³ S ₁₃ ³		
47	2-C	BC	1-I-20	Manhole	65		58'	1-I-20
47	2-B	P	1-I-20	Bombproof	AI		38'	1-I-20

BASE LINE DATA

Base Line	:	:	:	:
From :To	:	Azimuth	:	Length
Station:Station	:	:	:	(yards)
:	:	:	:	:
B ₁₂ ¹ B ₁₂ ²	:	209°	:	7,400
B ₁₂ ² B ₁₂ ³	:	257°	:	16,500
B ₁₂ ³ B ₁₂ ⁴	:	282°	:	6,250

Map Measurements, Harbor Defense
 of Long Island Sound, Narragans
 Bay, and New Bedford, U. S.
 Engineer Office, Providence, R.

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Exhibit 3-B, Page 21 of 26 pages

S E C R E T

Form 14. Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery 8" Sak Const. No. 8" Sak Tactical No. 12
 Type and Caliber 2-8-inch Element of Group C-2 G-3
 Location 47-2 Place Sakonnet Point Classification Under Construction

FIRE CONTROL STATIONS (cont'd)

Loca- tion : No. :	Site : No. :	Item : No. :	Fire : Cont. : Sta. :	Exhi- bit : : bit	Approx : Coordi : nates :	Type of : Station : & Type :	Approx : H. I. :	Combined : with : Stations :	Ground : Eleva : tion :	Acreage : Required : & Exhibit
AAIS OP#7										
49	1-B	B ⁴ ₁₂ S ⁴ ₁₂	1-I-22		Cottage	36 AI	B ⁵ ₁₁ S ⁵ ₁₁	20'	2-H-9	
							B ⁴ ₁₃ S ⁴ ₁₃			
							C-2			
50	1-B	B ⁵ ₁₂ S ⁵ ₁₂	1-I-23		Cottage	27 AI	B ⁶ ₁ S ⁶ ₁	16'	2-H-10	
57	1-E	B ⁶ ₁₂ S ⁶ ₁₂	1-I-24		MH	135 DPF	---	130'	2-H-11	

BASE LINE DATA (cont'd)

Base Line From : To Station : Station	Azimuth	Length (yards)	Azimuth and length were determined by:
B ⁴ ₁₂ B ⁵ ₁₂	258°	11,750	Map Measurements, Harbor Defense
B ⁵ ₁₂ B ⁶ ₁₂	311°	12,150	of Long Island Sound, Narragansett
			Bay, and New Bedford, U. S.
			Engineer Office, Providence, R.

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Form 14. Annex B.

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery — Const. No. 212 Tactical No. 13
 Type and Caliber 2 6-inch Element of Group C-2 G-3
 Location 48 Place Sakonnet Point Classification To be constructed

FIRE CONTROL STATIONS

Loca- tion: No.:	Site: No.:	Item: No.:	Fire Cont.:	Exhi- bit Stat.:	Approx: Coordi: nates:	Type of Station: & Type	Approx: N. I.:	Combined: with Stations:	Ground: Eleva- tion:	Acreeage Require & Exhi
33	1D	B1 13	S1 13	1-I-6		Cottage AI	30	B2 S2 8 8 B3 S3 7 7	23'	1-I-6
35	1C	B2 13	S2 13	1-I-8		Cottage AI	32	B3 S3 11 11 B2 S2 12 12	26'	2-H-4
46	1C	B3 13	S3 13	1-I-19		Silo AI	59	B4 S4 1 1 B3 S3 12 12	40'	2-H-8
48	1B	BC		1-I-21		Cottage AI	57	---	25'	1-I-21
48	1A	P		1-I-21		Empl.			25'	1-I-21
49	1B	B4 13	S4 13	1-I-22		Cottage AI	28	AAIS OP#7 C-2 B5 S5 11 11 B4 S4 12 12	20'	2-H-9

BASE LINE DATA

From Station	To Station	Azimuth	Length (Yards)	Azimuth and length were determined by
B1 13	B2 13	209°	10000	Map Measurements, Harbor
B2 13	B3 13	270°	16500	Defenses of Long Island
B3 13	B4 13	282°	6250	Sound, Narragansett Bay &
B4 13	B5 13	258°	11750	New Bedford. U. S. Engi-
B5 13	B6 13	311°	12150	neer Office, Providence,

S E C R E T

Exhibit 3-B, Page 23 of 26 pages

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Form 14. Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery — Const. No. 212 Tactical No. 13
Type and Caliber 2 6-inch Element of Group C-2 G-3
Location 48 Place Sakonnet Point Classification To be constructed

FIRE CONTROL STATIONS (Cont'd)

Loca-:Site:Item: Fire	: Exhi-	:Approx:Type of:Approx.:Combined:Ground:Acreege
tion : No.: No.: Cont. :	bit	:Coordi:Station: N. I. : with :Eleva:-Required
No. : : : Stat. :	:nates :	:& Type :Stations: tion :&Exhibit
50 1D B ⁵ S ⁵ 13 13	1-I-23	LH 39 AAS OP#8 24' 2-H-10 AI B ⁶ S ⁶ B ⁸ S ⁸ B ⁶ S ⁶ 11 11
57 1B B ⁶ S ⁶ 13 13	1-I-24	MH 137 --- 140' 2-H-11 DPF

BASE LINE DATA (Cont'd)

Base Line		:	:	:	
From :	To :	Aximuth	:	Length	: Azimuth and length were
Station:	Station :	:	:	:	determined by
:	:	:	:	(Yards)	:

S E C R E T

Exhibit 3-B, Page 24 of 26 pages

S E C R E T

Form 114. Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery Mine Const. No. 1 Tactical No. MC-1
 Type and Caliber -- Element of Group G-4
 Location 40 Place Prospect Hill Classification Permanent

FIRE CONTROL STATIONS

Loca- tion No. :	Site No. :	Item No. :	Fire Cont. : Sta. :	Exhi- bit :notes :	Approx: Station :& Type :	Type of: H. I. :	Approx.: with :	Combined: Eleva- tion :	Ground: Required :&Exhibit	Acreage
36	1-A	M ₁ ¹	1-I-9		Manhole	45 DPF		45'	.1 Acre 2-H-5	
See Reference No. 6 (M ₁ ²)										
*40	1-E	M ₁ ²	1-I-13		Manhole	100 DPF		100'	Gov. owned U.S. Army 1-I-13	
*40	1-F	P	1-I-13		Manhole	BC _{MC1}		95'	Gov. owned U.S. Army 1-I-13	

* See Ref. No. 7.

BASE LINE DATA

Base Line From : To	Station : Station	Azimuth	Length (yards)	Azimuth and length were determined by:
M ₁ ¹ : M ₂ ²		247°	2,400	U. S. Engineer Tactical Map, Newport, Rhode Island

S E C R E T

S E C R E T

Form 114, Annex B

H. D. of Narragansett Bay

BATTERY FIRE CONTROL REQUIREMENTS BY BATTERY

Name of Battery Mine Const. No. 2 Tactical No. MC-2
 Type and Caliber -- Element of Group G-5
 Location 40 Place Prospect Hill Classification Permanent

FIRE CONTROL STATIONS (cont'd)

Loca- tion : No. :	Site : No. :	Item : No. :	Fire : Cont. : Sta. :	Exhi- bit : bit : :nates :	Approx : Coordi : :nates :	Type of : Station : :& Type :	Approx. : H. I. : :	Combined : with : Stations :	Ground : Eleva- : tion :	Acreage : Required : :& Exhibit
40	1-D	P	1-I-13	Manhole	110	BC MC-2	110'	Gov. owned 1-I-13		
42	2-A	M ₂ ¹	1-I-15	Manhole	40 DPF		40'	.5 Acres 2-H-6		
45	1-A	M ₂ ²	1-I-18	Manhole	20 AI		20'	.5 Acres 2-H-7		

BASE LINE DATA (cont'd)

Base Line From : Station :	To : Station :	Azimuth : :	Length : (yards) :	Azimuth and length were determined by:
M ₂ ¹	M ₂ ²	284°	1,800	U. S. Engineer Tactical Map, Newport, Rhode Island

S E C R E T

S E C R E T

HARBOR DEFENSES OF NARRAGANSETT BAY

SUBSTITUTED FOR FORM #15

Exhibit 4-B omitted. Fire Control Diagram (lines). This exhibit, Fire Control Diagram (lines), Form 15, is omitted in conformity with instructions contained in Par. 19, mimeograph, "A Guide for Preparation of Local Board Proceedings", OCCA, dated February 20, 1941.

This exhibit will be prepared from information listed in Exhibit 11-B, Basic Information for construction of Fire Control and Communication Diagrams (Form #40), herewith, upon approval of the installations listed.

S E C R E T

S E C R E T

HARBOR DEFENSES OF MARYAGANSETT BAY

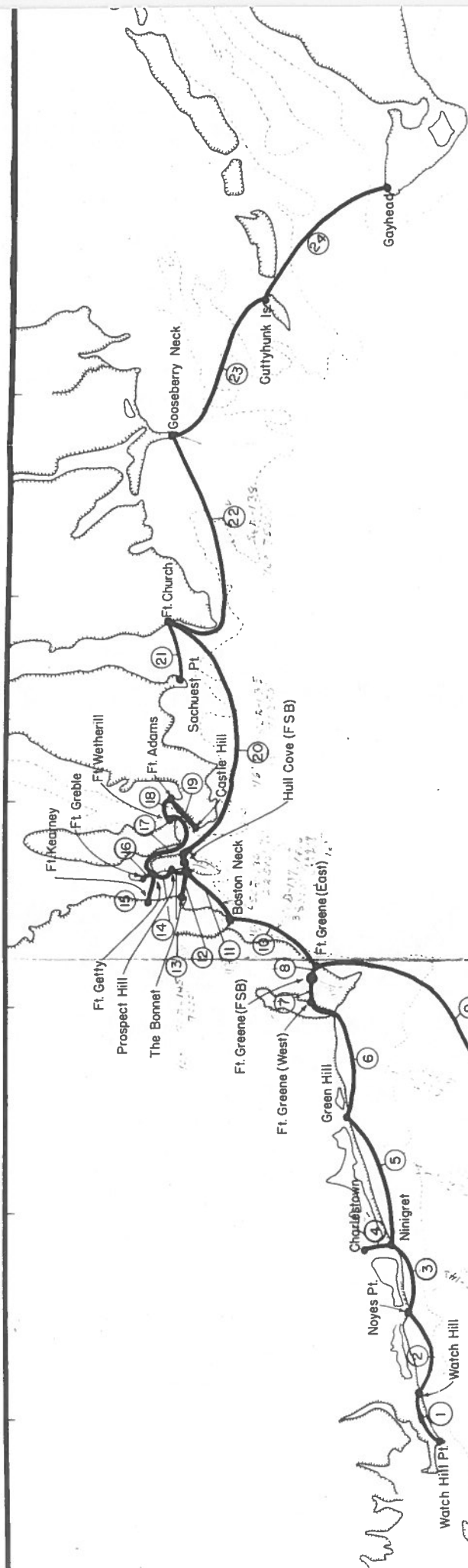
SUBSTITUTED FOR FORM #16

Exhibit 5-B omitted. Communication Diagram (blocks). This exhibit, Communication Diagram (blocks), Form 16, is omitted in conformity with instructions contained in Par. 19, mimeograph, "A Guide for Preparation of Local Board Proceedings", OCCA, dated February 20, 1941.

This exhibit will be prepared from information listed in Exhibit 11-B, Basic information for construction Diagram (Form #40), herewith, upon approval of installations listed.

Exhibit 5-B, Page 1 of 1 Page.

S E C R E T



CABLE DATA

REFERENCE NO.	FROM	TO	INSTALLED (PSS)	REQUIRED BY H.D.	REQUIRED BY ATT.	ADDITIONAL PROPOSED (PSS)	ESTIMATED LENGTH (FEET)
1(a)	Watch Hill Pt.	Watch Hill	0	0	5	0	(a)
2	Watch Hill	Noyes Pt.	0	0	5	0	50(b)
3	Noyes Pt.	Ninigret	0	25	13	28	24000
4(c)	Ninigret	Charlestown	0	0	19	0	25(k)
5	Green Hill	Green Hill	0	25	22	28	10500
6	Ft. Greene (West)	Ft. Greene (West)	0	50	47	28	50(d)
7(c)	Ft. Greene (FSB)	Ft. Greene (FSB)	0	0	47	28	36000
8(c)	Ft. Greene (East)	Ft. Greene (East)	0	0	47	28	39000
9	Ft. Greene (FSB)	Black Island	0	0	244	56	100
10	Ft. Greene (East)	Boston Neck	0	0	60	28	300
11	Boston Neck	Hull Cove (FSB)	0	75	112	28	100
12	Hull Cove (FSB)	The Bonnet	0	150	140	28	90000
13	Hull Cove (FSB)	Prospect Hill	0	10	5	0	25
14	Prospect Hill	Ft. Getty	0	0	56	28	17000
15	Ft. Getty	Ft. Keatney	50(j)	0	52	28	100
16	Ft. Getty	Ft. Greble	20(j)	0	1	0	7500
17	Ft. Getty	Ft. Wetherill	30(j)	0	1	0	50
18	Ft. Wetherill	Ft. Adams	50(j)	0	40	28	25
19	Ft. Adams	Castle Hill	50(j)	0	31	28	25200
20	Hull Cove (FSB)	Ft. Church	0	0	8	0	5000
21	Ft. Church	Sachuest Pt.	0	75	79	28	10
22	Ft. Church	Gooseberry Neck	0	50	31	0	50
23	Ft. Church	Gutyhunk Island	0	50	47	28	25
24	Gutyhunk Island	Gayhead	0	50	27	28	68640
							25(l)
							45000
							25(m)
							47400

NOTES: (a) INCLUDED IN H.D. OF L.I.S.

(b) REQUIRED BY H.D. OF L.I.S. - 13 PR.

(c) SUBMITTAL TABLE

(d) H.D. OF L.I.S. - 7 PR.

(e) VIA AUSTIN HOLLOW

(f) SEE EXHIBIT I-B, PAGE 2

(g) H.D. OF NEW BEDFORD-19 PR

(h) H.D. OF NEW BEDFORD-7 PR

(i) H.D. OF NEW BEDFORD-19 PR

(j) H.D. OF NEW BEDFORD-19 PR

(k) H.D. OF NEW BEDFORD-19 PR

(l) H.D. OF L.I.S. - 6 PR.

(m) H.D. OF L.I.S. - 6 PR.

SECRET

CABLE ROUTINGS

H.D. OF NARRAGANSETT

CHECKED BY *END*

APPROVED BY *END*

ANNEX - B

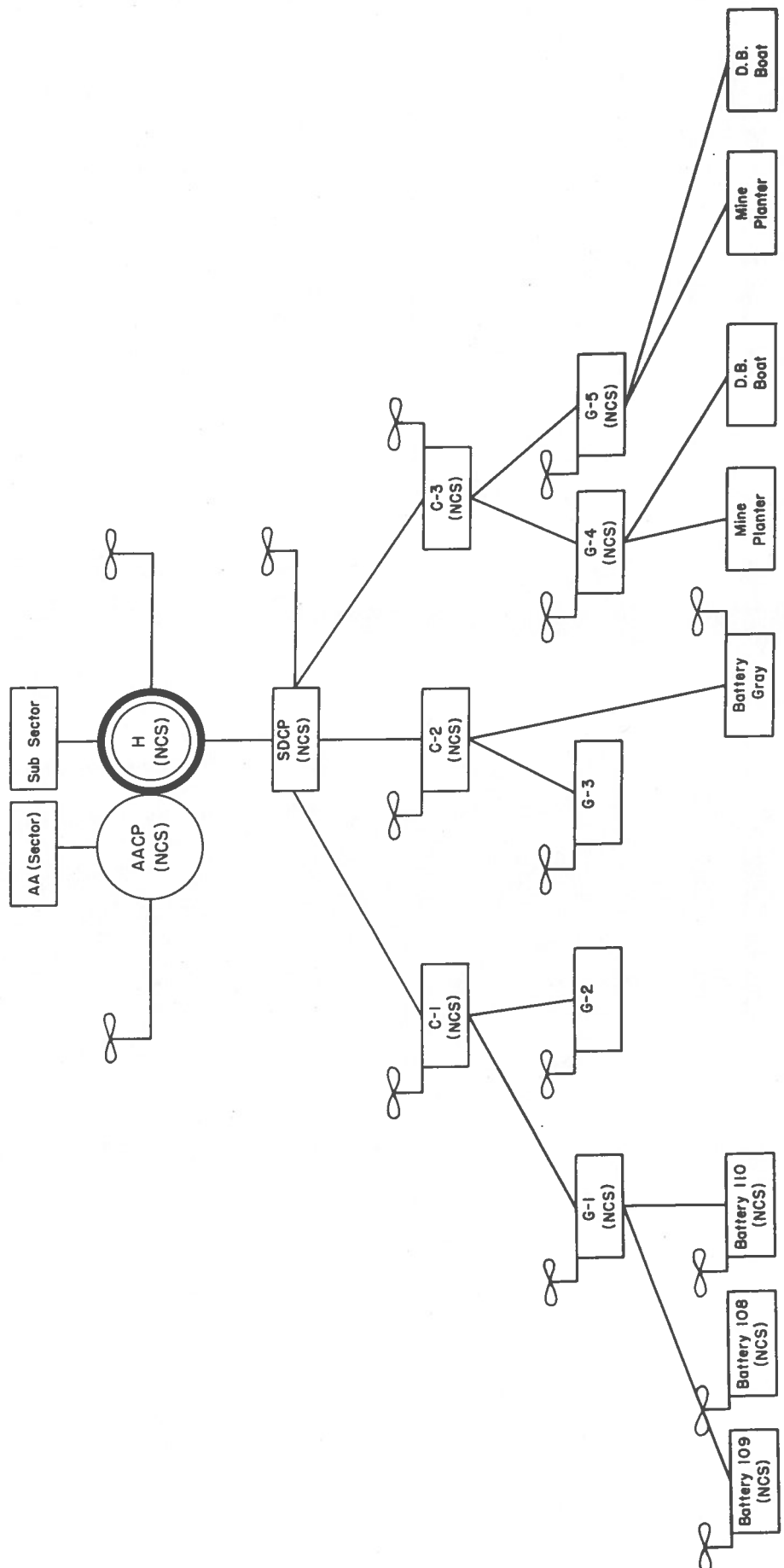
EXHIBIT - C



SECRET

H. D. of Narragansett Bay

TACTICAL RADIO NET

SECRET

S E C R E T

Form No. 19, Annex B

F. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Pri- ority:	Item : No. :	Description of Project	Material	Labor	Land	Total
<u>Location No. 27, Watch Hill Point</u>						
	<u>Site 1C</u>	B ₂ ¹ S ₂ ¹ (Const. No. 108)				
		B ₈ ⁵ S ₈ ⁵ (Const. No. 215)*				
		Land (20' x 20')			*	None
3		Tower, 2-deck, steel	*	*		None
		TOTAL	None	None	None	None
<u>Location No. 29, Noyes Point</u>						
	<u>Site 1A</u>	B ₁₂ ¹¹ S ₁₂ ¹¹ (Const. No. 114)*				
		B ₁₁ ⁵ S ₁₁ ⁵ (Const. No. 214)*				
1		Land (0.85 Acre)				(Note 1) None
1		Tower, 2-deck, steel	\$4,250	\$4,250		
		Contingency	850	850		
			\$5,100	\$5,100		\$10,200
	<u>Site 1B</u>	B ₂ ² S ₂ ² (Const. No. 108)				
		B ₁₀ ¹⁰ S ₁₀ ¹⁰ (Const. No. 111)*				
		Tower, 2-deck, steel	\$1,200	\$1,200		
		(\$10,200-Note 1)	\$1,200	\$1,200	Site 1A	\$2,400
Note 1: Funds in amount of \$6,100 for land, \$7,800 for construction and \$360 for Delco type light system approved in Augmented Expenditure Program, Harbor Defense, Narragansett Bay 1941, Item #58.						
		TOTAL	\$6,300	\$6,300	None	\$12,600
<u>Location No. 31, Charlestown</u>						
	<u>Site 1A</u>	B ₃ ¹ S ₃ ¹ (Const. No. 211)				
		B ₂ ³ S ₂ ³ (Const. No. 108)				
		B ₁₀ ¹¹ S ₁₀ ¹¹ (Const. No. 111)*				
		AAIS OP #1				
1		Land (0.48 Acre)			\$950	\$950
1		Cottage type, 3-deck station with AAIS OP on roof	\$5,000	\$5,000		
		Contingency	1,000	1,000		
			\$6,000	\$6,000		\$12,000
1		Delco type light system	200	100		
		Contingency	40	20		
			\$ 240	\$ 120		\$ 360
* Harbor Defenses of Long Island Sound						
		TOTAL	\$6,240	\$6,120	\$950	\$13,310

Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to by its location number opposite subsequent items.

S E C R E T

Exhibit 8-B, Page 1 of 19 pages

S E C R E T

Form No. 19. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Pri-: Item :					
ority: No. :	Description of Project	Material:	Labor :	Land :	Total
<u>Location No. 32, Green Hill</u>					
<u>Site 1A</u>	B ¹ ₂ S ¹ ₂ (Const. No. 108)				
	B ¹ ₁ S ¹ ₁ (Const. No. 109)				
1	Land (1.16 Acres)			(Note 1)	None
1	Tower, 2-deck, steel	(Note 1) None	(Note 1) None		None
<u>Site 1B</u>	B ¹² ₁₀ S ¹² ₁₀ (Const. No. 111)*				
	B ² ₃ S ² ₃ (Const. No. 211)				
2	Tower, 2-deck, steel	\$4,250	\$4,250		
	Contingency	850	850		
		<u>\$5,100</u>	<u>\$5,100</u>	Site 1A	\$10,200
<u>Site 1C</u>	B ¹ ₁₁ S ¹ ₁₁ (Battery Gray)				
	B ¹ ₈ S ¹ ₈ (Const. No. 110)				
	B ¹ ₇ S ¹ ₇ (Const. No. 213)				
	AAIS OP *				
1	Tower, 3-deck, steel, w/AAIS on Roof	\$6,000	\$6,000		
	Contingency	1,200	1,200		
		<u>\$7,200</u>	<u>\$7,200</u>	Site 1A	\$14,400

Note 1:- Funds in the amount of \$10,200 for construction, \$3,800 for land, and \$360 for Delco Type Light System included in approved Augmented Expenditure Program, Harbor Defenses of Narragansett Bay 1941. Item #53.

* Harbor Defenses of Long Island Sound.

TOTAL

\$12,300 \$12,300 None \$24,600

Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to by its location number opposite subsequent items.

S E C R E T

Exhibit 8-B, Page 2 of 19 pages

S E C R E T

Form No. 19. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Pri-: Item :					
ority: No. :	Description of Project	Material:	Labor :	Land :	Total
<u>Location No. 33, Point Judith</u>					
<u>Site 1B</u>	B ₂ ⁵ S ₂ ⁵ (Const. No. 108)				
	B ₃ ³ S ₃ ³ (Const. No. 211)				
	G-1 & C-1				
1	Land (Note 1) (Site for Battery Const. No. 211)			Site 1A None	
1	Cottage Type 3 Station Structure	\$5000	\$5000		
	Contingency	1000	1000		
		<u>\$6000</u>	<u>\$6000</u>		\$12,000
<u>Site 1C</u>	B ₁₁ ² S ₁₁ ² (Battery Gray)				
	B ₁ ² S ₁ ² (Const. No. 109)				
	BC-3 (Const. No. 211)				
1	Cottage type, 3 station structure	Note 1 None	Note 1 None	Site 1A None	
<u>Site 1D</u>	B ₈ ² S ₈ ² (Const. No. 110)				
	B ₇ ² S ₇ ² (Const. No. 213)				
	B ₁₃ ¹ S ₁₃ ¹ (Const. No. 212)				
2	Cottage Type, 3 station structure	\$5000	\$5000		
	Contingency	1000	1000		
		<u>\$6000</u>	<u>\$6000</u>	Site 1A	\$12,000

Note 1: Funds in amount of \$6500 for land, \$12000 for construction, and \$360 for Delco Type Light System included in approved Augmented Expenditure Program Harbor Defenses of Narragansett Bay 1941, Item 34.

TOTAL

\$12,000 \$12,000 None \$24,000

Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to by its location number opposite subsequent items.

S E C R E T

Exhibit 8-B, Page 3 of 19 pages

S E C R E T

Form No. 19: Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Pri-: Item :	:	:	:	:	:
ority: No. :	Description of Project	Material:	Labor :	Land :	Total

Location No. 34, Fort Greene

	<u>Site 1C</u>	BC-1 (Const. No. 109)			
		BC-2 (Const. No. 108)			
1		Land (Site for Btry. Const. No. 109)		Site 1A	None
1		Existing Frame Structure			
		Moving and remodeling	\$3,500	\$3,500	
		Contingency	700	700	
			<u>\$4,200</u>	<u>\$4,200</u>	None \$8,400
	<u>Site 2C</u>	B ₁₂ ¹ S ₁₂ ¹ (8-inch Sak)			
		B ₄ ¹ S ₄ ¹ (Battery House)			
		B ₉ ¹ S ₉ ¹ (Dickenson)			
		AAIS OP #2			
1		Cottage type, 3-station structure with AAIS OP on roof	\$5,000	\$5,000	
		Contingency	1,000	1,000	
			<u>\$6,000</u>	<u>\$6,000</u>	Site 1A \$12,000
		TOTAL	\$10,200	\$10,200	None \$20,400

Location No. 35, Boston Neck

	<u>Site 1A</u>	B ₁ ³ S ₁ ³ (Const. No. 109)			
		B ₈ ³ S ₈ ³ (Const. No. 110)			
		B ₇ ³ S ₇ ³ (Const. No. 213)			
1		Land (28 Acres \$46,000 - Note 1)		\$41,300	\$41,300
2		Cottage Type, 3-station structure	\$5,000	\$5,000	
		Contingency	1,000	1,000	
			<u>\$6,000</u>	<u>\$6,000</u>	\$12,000
	<u>Site 1B</u>	B ₂ ⁶ S ₂ ⁶ (Const. No. 108)			
		B ₃ ⁴ S ₃ ⁴ (Const. No. 211)			
1		Cottage Type, 2-station structure	\$4,250	\$4,250	
		Contingency	850	850	
			<u>\$5,100</u>	<u>\$5,100</u>	Site 1A \$10,000

Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to by its location number opposite subsequent items.

S E C R E T

Exhibit 8-B, Page 4 of 19 pages

S E C R E T

Form No. 194 Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Pri-	Item :		:	:	:	:
ority:	No. :	Description of Project	:Material:	Labor :	Land :	Total
<u>Location No. 35, Boston Neck Cont'd.</u>						
	<u>Site 1C</u>	B ₁₁ ³ S ₁₁ ³ (Battery Gray)				
		B ₁₂ ² S ₁₂ ² (8-inch Sak)				
		B ₁₃ ² S ₁₃ ² (Const. No. 212)				
1		Cottage Type, 3-station structure	Note 1 None	Note 1 None	Site 1A	None
	<u>Site 1D</u>	B ₄ ² S ₄ ² (Battery House)				
		B ₉ ² S ₉ ² (Battery Dickenson)				
1		Cottage Type, 2-station structure	\$4,250	\$4,250		
		Contingency	850	850		
			<u>\$5,100</u>	<u>\$5,100</u>	Site 1A	\$10,200
1		FSB & P-4 (Battery House)				
		Light bombproof concrete structure (15' x 20')	\$8,000	\$8,000		
		Contingency	1,600	1,600		
			<u>\$9,600</u>	<u>\$9,600</u>	Site 1A	\$19,200
	<u>Site 1F</u>	BC-5 & CRF-4 (Battery Armistead)				
1		Concrete pit	\$1,000	\$1,000		
		Contingency	200	200		
			<u>\$1,200</u>	<u>\$1,200</u>	Site 1A	\$2,400
	<u>Site 1G</u>	BC-4 & CRF-4 (Battery House)				
1		Concrete pit	\$1,000	\$1,000		
		Contingency	200	200		
			<u>\$1,200</u>	<u>\$1,200</u>	Site 1A	\$2,400

Note: Funds in the amount of \$4,700 for land, \$12,000 for construction and \$360 for Delco type light system included in Approved Augmented Expenditure Program, Harbor Defenses Narragansett Bay, 1941, Item No. 26.

TOTAL	\$28,200	\$28,200	\$41,300	\$97,700
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Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to by its location number opposite subsequent items.

S E C R E T

S E C R E T

Form No. 19. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Priority:	Item:	Description of Project	Material:	Labor:	Land:	Total
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Location No. 36, The Bonnet

	<u>Site 1A</u>	M ₁ ¹ (Mine Command No. 1)				
1		Land (0.1 Acre - \$2,300 - Note 1)			\$300	\$300
1		Manhole type concrete station	Note 1 None	Note 1 None		None

Note: Funds in the amount of \$2,000 for land and \$7,800 for construction included in Approved Augmented Expenditure Program, Harbor Defenses of Narragansett Bay, Item #7.

		TOTAL	None	None	\$300	\$300
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Location No. 39, Fort Getty

	<u>Site 1</u>	FSB (Mine Command No. 1)				
1		(No change from Present location)	None	None	Gov't.	None

		TOTAL	None	None	None	None
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Location No. 40, Prospect Hill

	<u>Site 1A</u>	C-3 (Mine Groupment) AAIS OP #4				
1		Altering existing station	\$100	\$100 Gov't.		\$200
	<u>Site 1B</u>	G-5 (Mine Command No. 2)				
1		Altering existing station	\$100	\$100 Gov't.		\$200
	<u>Site 1C</u>	G-4 (Mine Command No. 1)				
1		Altering existing station	\$100	\$100 Gov't.		\$200
	<u>Site 1D</u>	P & BC (Mine Command No. 2)				
1		Altering existing station	\$100	\$100 Gov't.		\$200
	<u>Site 1E</u>	M ₁ ² (Mine Command No. 1)				
1		Altering existing station	\$100	\$100 Gov't.		\$200
	<u>Site 1F</u>	P & BC (Mine Command No. 1)				
1		Altering existing station	\$100	\$100 Gov't.		\$200
		TOTAL	\$600	\$600	None	\$1,200

Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to its location number opposite subsequent items.

S E C R E T

Exhibit 8-B, Page 6 of 19 pages

S E C R E T

Form No. 19. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Pri-: Item :					
ority: No. :	Description of Project	Material:	Labor :	Land :	Total
<u>Location No. 41, Beavertail Point</u>					
	<u>Site 1A</u> H.E.C.P.				
2	Land (Note 1)			None	None
4	Cottage type station (frame) and signal tower	\$3,000	\$3,000		
	Contingency	600	600		
		<u>\$3,600</u>	<u>\$3,600</u>		\$7,200
	<u>Site 1C</u> BC-7 (Const. No. 213) BC-8 (Const. No. 110) C-2 (Groupment No. 2)				
2	Cottage type, 3-station structure	\$5,000	\$5,000		
	Contingency	1,000	1,000		
		<u>\$6,000</u>	<u>\$6,000</u>	Site 1A	\$12,000
	<u>Site 1D</u> S.D.C.P. Concrete bombproof structure with observing station above ground (40' x 50')	\$50,000	\$50,000		
4	Contingency	10,000	10,000		
		<u>\$60,000</u>	<u>\$60,000</u>	Site 1A	\$120,000
	<u>Site 1E</u> P-8, R-8, & FSB-8 (Const. No. 110)				
3	Construction included in cost of battery.	None	None	Site 1A	None
	<u>Site 1G</u> BC-6 & CRF-6 (Battery Whiting)				
1	Concrete pit	\$1,000	\$1,000		
	Contingency	200	200		
		<u>\$1,200</u>	<u>\$1,200</u>	Site 1A	\$2,400

Note; Fire control stations to be located on land to be purchased for construction of Batteries, Const. No. 110 and 213.

TOTAL	\$70,800	\$70,800	None	\$141,600
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Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to by its location number opposite subsequent items.

S E C R E T

Exhibit 8-B, Page 7 of 19 pages

S E C R E T

Form No. 19. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Pri- ority:	Item : No. : Description of Project	Material	Labor	Land	Total
<u>Location No. 42, Hull Cove</u>					
	<u>Site 1A</u> Cable Hut (Mine Command No. 1)				
4	Land (5.0 Acres)			\$9,100	\$9,100
4	Concrete Hut & trenching	\$300	\$300		
	Contingency	75	75		
		<u>\$375</u>	<u>\$375</u>		\$750
	<u>Site 1B</u> Casemate (Mine Command No. 1 & No. 2)				
4	Light bombproof(30' x 52')	\$25,000	\$25,000		
	Contingency	5,000	5,000		
		<u>\$30,000</u>	<u>\$30,000</u>	Site 1A	\$60,000
	<u>Site 2A</u> Cable Hut (Mine Command No. 2)				
4	Land (0.3 Acre)			\$2,900	\$2,900
4	Concrete Hut & trenching	\$300	\$300		
	Contingency	75	75		
		<u>\$375</u>	<u>\$375</u>		\$750
	<u>Site 3A</u> M ¹ ₂ (Mine Command No. 2)				
4	Land (0.3 Acre)			\$2,900	\$2,900
4	Manhole type station	\$2,000	\$2,000		
	Contingency	400	400		
		<u>\$2,400</u>	<u>\$2,400</u>		\$4,800
 TOTAL		\$33,150	\$33,150	\$14,900	\$81,200

Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to by its location number opposite subsequent items.

S E C R E T

Exhibit 8-B, Page 8 of 19 pages

S E C R E T

Form No. 19. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Priority:	Item:	Description of Project	Material:	Labor:	Land:	Total:
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Location No. 43, Fort Wetherill

Site 1A BC-9 & CRF-9 (Battery Dickenson)

1	Splinterproofing existing structure	\$1,000	\$1,000		
	Contingency	200	200		
		<u>\$1,200</u>	<u>\$1,200</u>		(Gov't.)

Site 1B F.S.B.

1	To remain in present location	None	None		(Gov't.)
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Site 1D BC-10 & CRF-10 (Battery Crittendon)

1	Splinterproofing existing structure	\$1,000	\$1,000		
	Contingency	200	200		
		<u>\$1,200</u>	<u>\$1,200</u>		(Gov't.)

Site 1G Director (AA Battery No. 3)

1	Concrete platform	\$210	\$210		
	Contingency	40	40		
		<u>\$250</u>	<u>\$250</u>		(Gov't.)

Height Finder (AA Battery No. 3)

1	Concrete platform	\$300	\$300		
	Contingency	60	60		
		<u>\$360</u>	<u>\$360</u>		(Gov't.)

Site 1I Tide Station

4	Wood frame structure	\$75	\$75		
	Contingency	15	15		
		<u>\$90</u>	<u>\$90</u>		(Gov't.)

Site 1L Power Plant (Battery No. 3)

1	Concrete structure	\$250	\$250		
	Contingency	50	50		
		<u>\$300</u>	<u>\$300</u>		(Gov't.)

TOTAL

\$3,400 \$3,400 None \$6

Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to by its location number opposite subsequent items.

S E C R E T

Exhibit 8-B, Page 9 of 19 pages

S E C R E T

Form No. 19. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Pri- ority	Item No.	Description of Project	Material	Labor	Land	Total
<u>Location No. 44, Fort Adams</u>						
	<u>Site 1A</u>	Director (AA Battery No. 4)				
1		Concrete platform	\$210	\$210		
		Contingency	40	40		
			\$250	\$250 (Gov't.)		\$500
1		Height Finder (AA Battery No. 4)				
		Concrete platform	\$300	\$300		
		Contingency	60	60		
			\$360	\$360 (Gov't.)		\$720
	<u>Site 1B</u>	H-Station (40' x 60')				
4		Concrete bombproof structure	\$50,000	\$50,000		
		Contingency	10,000	10,000		
			\$60,000	\$60,000 (Gov't.)		\$120,000
	<u>Site 1E</u>					
1		Meteorological Station				
		Existing structure	None	None (Gov't.)		None
	<u>Site 1F</u>	Tide station				
1		Wood frame structure	\$75	\$75		
		Contingency	15	15		
			\$90	\$90 (Gov't.)		\$180
	<u>Site 1I</u>	F.S.B.				
4		Existing structure to be bombproofed	\$5,000	\$5,000		
		Contingency	1,000	1,000		
			\$6,000	\$6,000 (Gov't.)		\$12,000
TOTAL			\$66,700	\$66,700	None	\$133,400
<u>Location No. 45, Castle Hill</u>						
	<u>Site 1A</u>	M ₂ ² (Mine Command No. 2)				
1		Land (0.5 Acre)			\$3,800	\$3,800
1		Manhole type station	\$2,000	\$2,000		
		Contingency	400	400		
			\$2,400	\$2,400		\$4,800
TOTAL			\$2,400	\$2,400	\$3,800	\$8,600

Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to by its location number opposite subsequent items.

S E C R E T

Exhibit 8-B, Page 10 of 19 pages

S E C R E T

Form No. 19. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Pri-	Item :				
ority:	No. :	Description of Project	Material:	Labor :	Land :Total
<u>Location No. 46, Sachuest Point</u>					
	<u>Site 1A</u>	B ⁴ ₈ S ⁴ ₈ (Const. No. 110)			
		B ⁴ ₇ S ⁴ ₇ (Const. No. 213)			
1		Land (18.9 Acres-\$10,500-Note 1)		\$8,500	\$8,500
2		House type, 2-station structure	\$4,250	\$4,250	
		Contingency	850	850	
			<u>\$5,100</u>	<u>\$5,100</u>	
	<u>Site 1B</u>	B ⁴ ₁₁ S ⁴ ₁₁ (Battery Gray)			
		B ⁷ ₂ S ⁷ ₂ (Const. No. 108)			
1		Barn type, 2-station structure	<u>Note 1</u> None	<u>Note 1</u> None	Site 1A
	<u>Site 1C</u>	B ⁴ ₁ S ⁴ ₁ (Const. No. 109)			
		B ³ ₁₂ S ³ ₁₂ (8-inch Sak)			
		B ³ ₁₃ S ³ ₁₃ (Const. No. 212)			
1		Silo type, 3-station structure	\$5,000	\$5,000	
		Contingency	1,000	1,000	
			<u>\$6,000</u>	<u>\$6,000</u>	Site 1A \$12,000
Note 1: Funds in the amount of \$2,000 for land, \$12,000 for construction and \$360 for Delco Type Light System included in approved Augmented expenditure Program Harbor Defenses of Narragansett Bay 1941, Item #21.					
TOTAL			\$11,100	\$11,100	\$8,500 \$30,700
<u>Location No. 47, Fort Church</u>					
	<u>Site 1B</u>	F.S.B. (Battery Gray)			
1		Land (Gov't. reservation)			Site 1A
1		Construction included in cost of battery.	None	None	None
	<u>Site 1C</u>	BC-11 (Battery Gray)			
1		Manhole type concrete station	\$1,900	\$1,900	
		Contingency	350	350	
			<u>\$2,250</u>	<u>\$2,250</u>	Site 1A \$4,500
	<u>Site 2C</u>	BC-12 (Battery 8-inch Sak)			
1		Manhole type concrete station	\$1,900	\$1,900	
		Contingency	350	350	
			<u>\$2,250</u>	<u>\$2,250</u>	Site 1A \$4,500
TOTAL			\$4,500	\$4,500	None \$9,000

Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to by its location number opposite subsequent items.

S E C R E T

Exhibit 8-B, Page 11 of 19 pages

S E C R E T

Form No. 19: Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Pri-	Item :				
ority:	No. :	Description of Project	Material:	Labor :	Land :Total
<u>Location No. 48, Sakonnet Point</u>					
	<u>Site 1B</u>	BC-13 (Const. No. 212)			
2		Land (Site for Battery Const. No. 212)			None
2		Cottage type, 1-station structure	\$2,000	\$2,000	
		Contingency	400	400	
			<u>\$2,400</u>	<u>\$2,400</u>	\$4,800
TOTAL			\$2,400	\$2,400	None \$4,800
<u>Location No. 49, Warren Point</u>					
	<u>Site 1A</u>	B ⁸ S ⁸ _{2 2} (Const. No. 108)			
		B ⁵ S ⁵ _{7 7} (Const. No. 213)			
		G-3			
1		Land (2.0 Acres-\$28,200-Note 1)			\$11,200 \$11,200
1		Cottage type, 3-station structure	\$5,000	\$5,000	
		Contingency	1,000	1,000	
			<u>\$6,000</u>	<u>\$6,000</u>	\$12,000
	<u>Site 1B</u>	B ⁵ S ⁵ _{11 11} (Battery Gray)			
		B ⁴ S ⁴ _{12 12} (8-inch Sak			
		B ⁴ S ⁴ _{13 13} (Const. No. 212)			
		C-2			
		AAIS OP #7			
1		Cottage type structure with AAIS OP on roof	Note 1 None	Note 1 None	Site 1A None
	<u>Site 1C</u>	B ⁵ S ⁵ _{1 1} (Const. No. 109)			
		B ⁵ S ⁵ _{8 8} (Const. No. 110)			
3		Cottage type, 2-station structure	\$4,250	\$4,250	
		Contingency	850	850	
			<u>\$5,100</u>	<u>\$5,100</u>	Site 1A \$10,200
TOTAL			\$11,100	\$11,100	\$11,200 \$33,400

Note 1: Funds in the amount of \$17,000 for land, \$12,000 for construction, \$360 for Delco Type Light System included in approved Augmented Expenditure Program Harbor Defenses of Narragansett Bay 1941, Item #16.

Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to by its location number opposite subsequent items.

S E C R E T

Exhibit 8-B, Page 12 of 19 pages

S E C R E T

Form No. 19. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Pri-: Item :					
riority: No. :	Description of Project	Material:	Labor :	Land :	Total
<u>Location No. 50, Gooseberry Neck</u>					
	<u>Site 1B</u> B ₁ ⁶ S ₁ ⁶ (Const. No. 109)				
	B ₁₂ ⁵ S ₁₂ ⁵ (8-inch Sak)				
1	Land (7 1/4 Acres-\$45,000-Notes 2&3)			\$42,200	\$42,200
1	Cottage type, 2-station structure	\$4,250	\$4,250		
	Contingency	850	850		
		<u>\$5,100</u>	<u>\$5,100</u>		\$10,200
	<u>Site 1C</u> FSB and Power Plant				
1	Construction of heavy splinterproof structure (\$10,960-Note 1)	\$2,000	\$2,000	Site 1B	\$4,000
	<u>Site 1D</u> B ₈ ⁶ S ₈ ⁶ (Const. No. 110)				
	B ₁₁ ⁶ S ₁₁ ⁶ (Battery Gray)				
	B ₁₃ ⁵ S ₁₃ ⁵ (Const. No. 212)				
	AAIS OP #8				
1	Lighthouse Type, 3-station structure with AAIS OP on roof (\$12,000)				
		<u>Note 2</u> None	<u>Note 2</u> None	Site 1B	None
	<u>Site 1E</u> B ₁ ³ S ₁ ³ (Battery Milliken)*				
	B ₂ ² S ₂ ² (Const. No. 210)*				
1	Cottage type, 2-station structure	\$4,250	\$4,250		
	Contingency	850	850		
		<u>\$5,100</u>	<u>\$5,100</u>	Site 1B	\$10,200
Note 1:-Funds in amount of \$6,000 for construction and \$960 for heating, lighting and ventilating included in approved Augmented Expenditure Program Harbor Defenses of Narragansett Bay 1941, Item #39. Note 2:-Funds in amount of \$1800 for land, \$12,000 for construction and \$360 for Deleo Type Light System included in approved Augmented Expenditure Program, Harbor Defenses of Narragansett Bay 1941, Item #40. Note 3:-Funds in amount of \$1000 for land for cable landing included in approved Augmented Expenditure Program, Harbor Defenses of New Bedford 1941, Item #13, to be transferred and applied to purchase cost of entire tract.					
* Harbor Defenses of New Bedford					
TOTAL		\$12,200	\$12,200	\$42,200	\$66,600

Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to by its location number opposite subsequent items.

S E C R E T

Exhibit 8-B, Page 13 of 19 pages

S E C R E T

Form No. 19. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Pri- ority:	Item : No. :	Description of Project	Material	Labor	Land	Total
<u>Location No. 57, Cuttyhunk Island</u>						
	<u>Site 1A</u>	B ₈ ⁷ S ₈ ⁷ (Const. No. 110)				
1		Land (3.5 Acres-\$7,000-Note 1)			\$600	
3		Manhole type concrete station	\$1,700	\$1,700		
		Contingency	300	300		
			\$2,000	\$2,000		\$4,000
	<u>Site 1B</u>	B ₁₃ ⁶ S ₁₃ ⁶ (Const. No. 212)				
2		Manhole type concrete station	\$1,700	\$1,700		
		Contingency	300	300		
			\$2,000	\$2,000	Site 1A	\$4,000
	<u>Site 1C</u>	B ₂ ¹ S ₂ ¹ (Const. No. 210)*				
2		Manhole type concrete station	\$1,700	\$1,700		
		Contingency	300	300		
			\$2,000	\$2,000	Site 1A	\$4,000
	<u>Site 1D</u>	B ₁₁ ⁷ S ₁₁ ⁷ (Battery Gray)				
1		Manhole type concrete station (\$4,000)	Note 1 None	Note 1 None	Site 1A	N
	<u>Site 2A</u>	B ₁ ² S ₁ ² (Battery Milliken)*				
1		Land (1.5 Acres)			\$950	\$950
1		Manhole type concrete station (\$4,000)	Note 1 None	Note 1 None		N
		FSB & Power Plant				
1		Concrete structure, heavy splin-terproof (12' x 15')	\$6,000	\$6,000		
		Contingency	1,200	1,200		
			\$7,200	\$7,200	Site 2A	\$14,400

Note 1:- Funds in the amount of \$6,400 for land, \$12,000 for construction and \$360 for Delco Type Light System included in approved Augmented Expenditure Program, Harbor Defenses of Narragansett Bay 1941, Item #46.

* Harbor Defenses of New Bedford

TOTAL	\$13,200	\$13,200	\$1,550	\$27,950
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Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to by its location number opposite subsequent items.

S E C R E T

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S E C R E T

Form No. 19. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Pri-	Item :	:	:	:	:
ority:	No. :	Description of Project	Material:	Labor :	Land :Total
<u>Location No. 59, Gay Head</u>					
	<u>Site 1A</u>	B ⁸ S ⁸ 11 11 (Battery Gray)			
1		Land (3.5 Acres-\$4,250-Note 1)			\$3,850 \$3,850
1		Manhole type concrete station (\$5,100)	Note 1 None	Note 1 None	
	<u>Site 2A</u>	B ¹ S ¹ 1 1 (Battery Milliken)*			
1		Land (20' x 20')			Gov't. None
1		Manhole type concrete station (\$5,100)	Note 1 None	Note 1 None	
Note 1:- Funds in the amount of \$400 for land, \$10,200 for constructions and \$360 for Delco Type Light System included in approved Augmented Expenditure Program, Harbor Defenses of Narragansett Bay 1941, Item #50.					
		TOTAL	None	None	\$3,850 \$3,850
<u>Location No. 60-1, Beacon Hill, Block Island</u>					
	<u>Site 1A</u>	B ⁷ S ⁷ 1 1 (Const. No. 109)			
		B ⁸ S ⁸ 8 8 (Const. No. 110)			
		B ⁹ S ⁹ 2 2 (Const. No. 108)			
		AAIS OP #12			
1		Land (7.5 Acres)			\$6,500 \$6,500
1		Cottage type, 3-station structure	\$6,500	\$6,500	
		Contingency	1,300	1,300	
			\$7,800	\$7,800	\$15,600
		TOTAL	\$7,800	\$7,800	\$6,500 \$22,100
<u>Location No. 60-2, Southwest, Block Island</u>					
	<u>Site 2A</u>	B ¹⁰ S ¹⁰ 2 2 (Const. No. 108)			
		B ⁸ S ⁸ 1 1 (Const. No. 109)			
		B ⁶ S ⁶ 3 3 (Const. No. 216)**			
1		Land (8 Acres)			\$2,000 \$2,000
1		Cottage type, 3-station structure	\$6,500	\$6,500	
		Contingency	1,300	1,300	
			\$7,800	\$7,800	\$15,600
		* Harbor Defenses of New Bedford			
		** Harbor Defenses of Long Island Sound			

Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to by its location number opposite subsequent items.

S E C R E T

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S E C R E T

Form No. 19. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Pri-	Item :				
ority:	No. :	Description of Project	Material:	Labor :	Land :Total
<u>Location No. 60-2, Southwest, Block Island (Cont'd.)</u>					
	<u>Site 2B</u>	B ⁴ ₂ S ⁴ ₂ (Const. No. 113)*			
		B ¹³ ₁₀ S ¹³ ₁₀ (Const. No. 111)*			
		B ¹² ₁₂ S ¹² ₁₂ (Const. No. 114)*			
1		Land (18 Acres)			\$4,400 \$4,400
1		Cottage type, 3-station structure	\$6,500	\$6,500	
		Contingencies	1,300	1,300	
			<u>\$7,800</u>	<u>\$7,800</u>	\$15,600
TOTAL			\$15,600	\$15,600	\$6,400 \$37,600
<u>Location No. 60-3, Payne, Block Island</u>					
	<u>Site 3A</u>	B ¹¹ ₂ S ¹¹ ₂ (Const. No. 108)			
		B ⁹ ₁ S ⁹ ₁ (Const. No. 109)			
		B ⁹ ₈ S ⁹ ₈ (Const. No. 110)			
1		Land (5 Acres)			\$1,800 \$1,800
		Cottage type, 3-station structure	\$6,500	\$6,500	
		Contingency	1,300	1,300	
			<u>\$7,800</u>	<u>\$7,800</u>	\$15,600
	<u>Site 3B</u>	B ⁹ ₁₁ S ⁹ ₁₁ (Battery Gray)			
		B ⁵ ₃ S ⁵ ₃ (Const. No. 211)			
1		Cottage type, 2-station structure	\$5,500	\$5,500	
		Contingency	1,100	1,100	
			<u>\$6,600</u>	<u>\$6,600</u>	Site 3A \$13,200
	<u>Site 3C</u>	B ¹³ ₁₂ S ¹³ ₁₂ (Const. No. 114)*			
		B ⁵ ₂ S ⁵ ₂ (Const. No. 113)*			
		B ¹¹ ₁₀ S ¹¹ ₁₀ (Const. No. 111)*			
1		Land (3 Acres)			\$1,500 \$1,500
		Tower, 3-station structure	\$7,000	\$7,000	
		Contingency	1,400	1,400	
			<u>\$8,400</u>	<u>\$8,400</u>	\$16,800
* Harbor Defenses of Long Island Sound					
TOTAL			\$22,800	\$22,800	\$3,300 \$48,900

Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to by its location number opposite subsequent items.

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S E C R E T

Form No. 19. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Pri-: Item :	:	:	:	:
ority: No. : Description of Project	:Material:	Labor :	Land :	Total
<u>Location No. 60-4, Clayhead, Block Island</u>				
<u>Site 4A</u> B ⁶ ₂ S ⁶ ₂ (Const. No. 113)*				
B ¹¹ ₁₂ S ¹¹ ₁₂ (Const. No. 114)*				
B ⁶ ₃ S ⁶ ₃ (Const. No. 211)*				
Land (45 Acres)			\$14,250	\$14,250
Cottage type, 3-station structure	\$6,500	\$6,500		
Contingency	1,300	1,300		
	<u>\$7,800</u>	<u>\$7,800</u>		\$15,600
<u>Site 4B</u> B ¹² ₂ S ¹² ₂ (Const. No. 108)				
B ¹⁰ ₁ S ¹⁰ ₁ (Const. No. 109)				
B ¹⁰ ₈ S ¹⁰ ₈ (Const. No. 110)				
Cottage type, 3-station structure	\$6,500	\$6,500		
Contingency	1,300	1,300		
	<u>\$7,800</u>	<u>\$7,800</u>	Site 4A	\$15,600
<u>Site 4C</u> B ¹⁵ ₁₀ S ¹⁵ ₁₀ (Const. No. 111)*				
Cottage type, 1-station structure	\$3,000	\$3,000		
Contingency	600	600		
	<u>\$3,600</u>	<u>\$3,600</u>	Site 4A	\$7,200
<u>Site 4D</u> B ¹⁰ ₁₁ S ¹⁰ ₁₁ (Battery Gray)				
Manhole type concrete structure	\$2,500	\$2,500		
Contingency	500	500		
	<u>\$3,000</u>	<u>\$3,000</u>	Site 4A	\$6,000

* Harbor Defenses of Long Island Sound

TOTAL	\$22,200	\$22,200	\$14,250	\$58,650
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Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to by its location number opposite subsequent items.

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Form No. 19: Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER

Pri-: Item :					
ority: No. :	Description of Project	Material:	Labor :	Land :	Total:
<u>Establishment of Datum Points</u>					
	Race Rock Lighthouse-----	\$300	\$800	None	\$1,100
	Montauk Point Lighthouse-----	300	800	None	1,100
	Watch Hill Point Lighthouse-----	300	700	None	1,000
	Point Judith Lighthouse-----	250	750	None	1,000
	Beavertail Point Lighthouse-----	300	800	None	1,100
	Hazard Tower-----	250	650	None	900
	Castle Hill Lighthouse-----	250	650	None	900
	Sakonnet Point Lighthouse-----	300	700	None	1,000
	Gooseberry Neck-----	300	700	None	1,000
	Cuttyhunk Lighthouse-----	300	700	None	1,000
	Mishaum Point-----	250	750	None	1,000
	Gay Head Lighthouse-----	300	800	None	1,100
	Dumpling Rock Lighthouse-----	200	800	None	1,000
	Sandy Point Lighthouse (Block Island)-----	350	800	None	1,150
	Southeast Lighthouse (Block Island)-----	350	800	None	1,150
	Clay Head (Block Island)-----	300	800	None	1,100
		\$4,600	\$12,000	None	\$16,600
	Contingencies	900	2,400	None	3,300

Note: The datum points will be of types varying from painting on existing structures to new concrete or timber construction. Estimates are based upon average costs at each location, therefore it is recommended that funds be appropriated as a lump sum to include construction of all of the above datum points. The labor costs include the costs of a third order survey.

TOTAL	\$5,500	\$14,400	None	\$19,900
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Where land is occupied by more than one installation, cost of entire tract has been entered against the first item listed and referred to by its location number opposite subsequent items.

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Form No. 19. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - ENGINEER (SUMMARY)

Loc: No.:	Place	: :Exhibit:	: Material:	: Labor:	: Land:	: Total:
27	Watch Hill Point	8-B-1	(Included in H.D. of Long Island Sound)			
29	Noyes Point	8-B-1	\$6,300	\$6,300	None*	\$12,60
31	Charlestown	8-B-1	6,240	6,120	\$950	13,31
32	Green Hill	8-B-2	12,300	12,300	None*	24,60
33	Point Judith	8-B-3	12,000	12,000	None	24,00
34	Fort Greene	8-B-4	10,200	10,200	None	20,40
35	Boston Neck	8-B-5	28,200	28,200	41,300	97,70
36	The Bonnet	8-B-6	None	None	300	30
39	Fort Getty	8-B-6	None	None	None	Non
40	Prospect Hill	8-B-6	600	600	None	1,20
41	Beavertail Point	8-B-7	70,800	70,800	None	141,60
42	Hull Cove	8-B-8	33,150	33,150	14,900	81,20
43	Fort Wetherill	8-B-9	3,400	3,400	None	6,80
44	Fort Adams	8-B-10	66,700	66,700	None	133,40
45	Castle Hill	8-B-10	2,400	2,400	3,800	8,60
46	Sachuest Point	8-B-11	11,100	11,100	8,500	30,70
47	Fort Church	8-B-11	4,500	4,500	None	9,00
48	Sakonnet Point	8-B-12	2,400	2,400	None	4,80
49	Warren Point	8-B-12	11,100	11,100	11,200	33,40
50	Gooseberry Neck	8-B-13	12,200	12,200	42,200	66,60
57	Cuttyhunk Island	8-B-14	13,200	13,200	1,550	27,95
59	Gay Head	8-B-15	None	None	3,850	3,85
60-1	Beacon Hill (Block Is.)	8-B-15	7,800	7,800	6,500	22,10
60-2	Southwest (Block Is.)	8-B-16	15,600	15,600	6,400	37,60
60-3	Payne (Block Is.)	8-B-16	22,800	22,800	3,300	48,90
60-4	Clayhead (Block Is.)	8-B-17	22,200	22,200	14,250	58,65
--	Datum Points	8-B-18	5,500	14,400	None	19,90
TOTAL			\$380,690	\$389,470	\$159,000	\$929,16

Note: Above costs do not include funds already approved in the Augmented Expenditure Program, 1941. Estimated cost of Items marked thus (*) is less than amount approved in Augmented Expenditure Program. This indicated reduction of \$300 has not been applied to the total land costs shown above.

S E C R E T

Exhibit 8-B, Page 19 of 19 pages

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Form #20. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - SIGNAL and ORDNANCE

Arranged by LOCATION

Pri	:	:	:	:	:	Signal	:	:
ority:	Item:	Site:	Description of	Ordnance:	Equip-	:	Labor	Total
:	No.:	No.:	Project	:	ment	:	:	:

Location 31 (Charlestown, R. I.)

4 1-A AAIS OP #1

Ordnance

1 Field glasses \$70.00

TOTAL LOCATION 31 \$ 70.00

Location 33 (Point Judith, R. I.)

4 1-B C-1 CP

Signal

9 Telephone Box,

EE-91 270.00

9 H & C Set,

HS-17 A 225.00

1 Telephone, Desk 20.00

1 S/B, BD-95 300.00

1 Radio 500.00

Contingency 323.00 60.00 1698.00

Ordnance

1 Az. Instrument

M-1910-A1 1125.00

2 Recorders, T.I. 55.00 1180.00

4 1-B G-1 CP

Signal

8 Telephone Box,

EE-91 240.00

8 H & C Set,

HS-17 A 200.00

1 Telephone, Desk 20.00

1 S/B, BD-105 230.00

1 Radio 500.00

Contingency 298.00 90.00 1578.00

Ordnance

1 Az. Instrument

M-1910-A1 1125.00

2 Recorders, T.I. 55.00 1180.00

TOTAL LOCATION 33 \$5636.00

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Form #20. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - SIGNAL and ORDNANCE

Arranged by LOCATION

Pri	:	:	:	:	:	:	Signal	:
ority:	Item:	Site:	Description of	: Ordnance:	Equip-	:	Labor	Total
:No.:	:No.:	:	Project	:	: ment	:	:	:
<u>Location 34 (Fort Greene, R. I.)</u>								
1	2-B	FSB & PSB	7 FCB at Site 1A				PR Btry Cont	#100
			Signal					
			1 Telephone, Desk		20.00			
			1 S/B, 50 lines, Post System		500.00			520.00
			Ordnance					
			2 Recorders, T.I.	55.00				55.00
4	2-C	AAIS OP #2						
			Ordnance					
			1 Field glasses	70.00				70.00
								<u>\$645.00</u>
<u>Location 35 (Boston Neck, R. I.)</u>								
1	1-D	FSB						
			Signal					
			1 Telephone, Desk		20.00			
			1 S/B, BD-74		1300.00			
			1 Panel BD-75		125.00			
			1 Rectifier		75.00			
			1 Generator Set (Battery charger 110 AC)		400.00			
			2 Battery Storage 30 V		300.00			
			1 Apparatus T.I. EE-86		300.00			
			1 Power panel BD-65		330.00			
			Contingency		780.00	1200.00		4830.00
			Ordnance					
			2 Recorders, T.I.	55.00				55.00
								<u>\$4885.00</u>
<u>Location 37 (Fort Kearney, R. I.)</u>								
4	1	AAIS OP #3						
			Ordnance					
			1 Field glasses	70.00				70.00
								<u>\$70.00</u>

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Form #20. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - SIGNAL and ORDNANCE

Arranged by LOCATION

Pri-	Item:	Site:	Description of	Ordnance:	Signal Equip-	Labor	Total
No.	No.		Project		ment		

Location 40 (Prospect Hill, R. I.)

1 1-A C-3 CP

Signal

12 Telephone Box,				
EE-91	360.00			
12 H & C Set,				
HS-17 A	300.00			
1 Telephone, Desk	20.00			
1 S/B, BD-95	300.00			
1 Radio	500.00			
Contingency	550.00	120.00		2150.00

Ordnance

1 Az. Instrument				
M-1910-A1	1125.00			
2 Recorders, T.I.	55.00			1180.00

1 1-C G-4 CP

Signal

1 Telephone, Desk	20.00			
1 S/B BD-105	230.00			
1 Radio	500.00			
Contingency	210.00	60.00		1020.00

Ordnance

1 Az. Instrument				
M-1910-A1	1125.00			
2 Recorders, T.I.	55.00			1180.00

1 1-B G-5 CP

Signal

10 Telephone Box,				
EE-91	300.00			
10 H & C Set,				
HS-17 A	250.00			
1 Telephone, Desk	20.00			
1 S/B, BD-105	230.00			
1 Radio	500.00			
Contingency	276.00	60.00		1636.00

4 1-A AAOP #4

Signal

1 Telephone Box,				
EE-91	55.00			55.00

Ordnance

1 Field glasses	70.00			70.00
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TOTAL LOCATION 40 \$7291.00

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H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - SIGNAL and ORDNANCE

Arranged by LOCATION

Pri- ority	Item :No.	Site :No.	Description of Project	Ordnance :	Signal Equip- ment	Labor	Total
<u>Location 41 (Beavertail Pt., R. I.)</u>							
4	1-B	SDCP					
		Signal					
		12 Telephone Box,					
		EE-91			360.00		
		12 H & C Set,					
		HS-17 A			300.00		
		2 Telephone, Desk			40.00		
		1 S/B, BD-95			300.00		
		1 Radio			500.00		
		Contingency			420.00	120.00	2040.00
		Ordnance					
		1 Az. Instrument					
		M-1910-A1		1125.00			
		2 Recorders, T.I.		55.00			1180.00
4	1-A	HE CP					
		Signal					
		4 Telephone Box,					
		EE-91			120.00		
		4 H & C Set,					
		HS-17 A			100.00		
		1 Telephone, Desk			20.00		
		Contingency			100.00	60.00	400.00
		Ordnance					
		1 Az. Instrument					
		M-1910-A1		1125.00			1125.00
4	1-C	G-2 CP					
		Signal					
		6 Telephone Box,					
		EE-91			180.00		
		6 H & C Set,					
		HS-17 A			150.00		
		1 Telephone, Desk			20.00		
		1 S/B, BD-105			230.00		
		1 Radio			500.00		
		Contingency			276.00	60.00	1416.00
		Ordnance					
		1 Az. Instrument					
		M-1910-A1		1125.00			
		2 Recorders, T.I.		55.00			1180.00

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H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - SIGNAL and ORDNANCE

Arranged by LOCATION

Pri-	:	:	:	:	:	Signal	:	:	:
ority:	Item:	Site:	Description of	Ordnance:	Equip-	:	Labor	:	Total
:	No.	:	Project	:	ment	:	:	:	:

Location 41 (Beavertail Pt., R. I.) (Cont'd)

1 1-E FSB & PSB

Signal

1 S/B, PBX, 50 lines	500.00		
1 S/B, BD-74	1300.00		
1 Panel BD-75	125.00		
1 Rectifier	75.00		
1 Gas Engine Gen. set for charging			
30 v Battery	400.00		
2 Battery storage 30v	300.00		
1 T.I. Apparatus EE-86	300.00		
1 Power panel BD-65	330.00		
1 Motor Generator 110 v AC f/charging			
30 v Battery	242.00		
1 Telephone, Desk	20.00		
Contingency	880.00	1200.00	5672.00

Ordnance

2 Recorders, T.I.	55.00		55.00
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TOTAL LOCATION 41 \$13068.00

Location 42 (Hull Cove, R. I.)

1 1-B Mine Casemate f/MC1 & 2 & PSB

Signal

1 Telephone, Wall	20.00		
1 Bell, T.I. MC-153	11.00		
1 S/B, BD-74	1300.00		
1 Panel BD-75	125.00		
1 Rectifier	75.00		
1 Motor Generator 110 v AC f/charging			
30 v battery	242.00		
1 Battery storage 30 v	150.00		
1 Power Panel BD-65	330.00		
Contingency	450.00	1200.00	3903.00

TOTAL LOCATION 42 \$3903.00

Location 43 (Fort Wetherill, R. I.)

4 1-I Tide Station

Signal

1 Telephone, Wall	20.00	5.00	25.00
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TOTAL LOCATION 43 \$25.00

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Form #20. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - SIGNAL and ORDNANCE

Arranged by LOCATION

Pri- ority	Item :No.	Site :No.	Description of Project	Ordnance :	Signal Equip- ment	Labor	Total
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Location 44 (Fort Adams, R. I.)

4	1-B		HD CP&C-4 (AACP)				
			Signal				
			6 Telephone Box, EE-91		180.00		
			6 H & C Set, HS-17 A		150.00		
			1 S/B, BD-95		300.00		
			2 Radio SCR-281		1000.00		
			1 Radio SCR-177A		4800.00		
			Contingency		1200.00	90.00	7720.00

1	1-E		Met. Station				
			Signal				
			1 Telephone Box, EE-91		30.00		
			1 H & C Set, HS-17 A		25.00		
			1 Telephone, Desk		20.00		
			Contingency		15.00	10.00	100.00

4	1-F		Tide Station				
			Signal				
			1 Telephone, Wall		20.00	5.00	25.00

4	1-L		G-6 CP				
			Signal				
			7 Telephone Box, EE-91		210.00		
			7 H & C Set, HS-17 A		175.00		
			1 Telephone, Wall		20.00		
			1 S/B, BD-105		230.00		
			Contingency		287.00	60.00	982.00
			TOTAL LOCATION 44				\$8827.00

Location 44A (St. Georges School, Newport, R.I.)

4	1		AAOP #5				
			Ordnance				
			1 Field glasses	70.00			70.00
			TOTAL LOCATION 44A				\$70.00

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Cost Estimate and Priority Guide

FIRE CONTROL - SIGNAL and ORDNANCE

Arranged by LOCATION

Pri- ority	Item :No.	Site :No.	Description of Project	Ordnance :	Signal Equip- ment	Labor	Total
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Location 44B (Lookout Tower, Newport, R.I.)

4	1		AAOP #6				
			Ordnance				
			1 Field glasses	70.00			70.00
						TOTAL LOCATION 44B	\$70.00

Location 47 (Fort Church, R. I.)

1	1-B		FSB & PSB				
			Signal				
			1 Telephone, Desk		20.00		
			1 S/B, PEX(50 lines)		500.00		
			1 Battery Storage 30 v		150.00		670.00
						TOTAL LOCATION 47	\$670.00

Location 49 (Warren Point, R. I.)

4	1-A		G-3 CP				
			Signal				
			6 Telephone Box, EE-91		180.00		
			6 H & C Set, HS-17 A		150.00		
			1 Telephone, Desk		20.00		
			1 S/B, BD-105		230.00		
			1 Radio		500.00		
			Contingency		276.00	60.00	1416.00
			Ordnance				
			1 Az. Instrument M-1910-A1	1125.00			
			2 Recorders, T.I.	55.00			1180.00
4	1-B		C-2 CP				
			Signal				
			9 Telephone Box, EE-91		270.00		
			9 H & C set, HS-17 A		225.00		
			1 Telephone, Desk		20.00		
			1 S/B, BD-95		300.00		
			1 Radio		500.00		
			Contingency		323.00	90.00	1728.00
			Ordnance				
			1 Az. Instrument M-1910-A1	1125.00			
			2 Recorders, T.I.	55.00			1130.00

S E C R E T

Exhibit 9-B, Page 7 of 36 pages.

S E C R E T

Form #20. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - SIGNAL and ORDNANCE

Arranged by LOCATION

Pri- : : :	Signal	:
ority:Item:Site: Description of :Ordnance: Equip- : Labor : Total		
:No. :No. : Project :	ment :	

Location 49 (Warren Point, R. I.) (Cont'd)

4 1-B AAOP #7

Signal

1 Telephone Box,			
EE-91	30.00		
1 H & C Set, HS-17 A	25.00		55.00

Ordnance

1 Field glasses	70.00		70.00
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TOTAL LOCATION 49 \$5629.00

Location 50 (Gooseberry Neck, Mass.)

1 1-C FSB

Signal

1 Telephone, Desk	20.00		20.00
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4 1-D AAOP #8

Ordnance

1 Field glasses	70.00		70.00
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TOTAL LOCATION 50 \$90.00

Location 57 (Cuttyhunk Island, Mass.)

1 2-A FSB

Signal

1 Telephone, Desk	20.00		
1 S/B, BD-74	1300.00		
1 Panel, BD-75	125.00		
2 Storage Btry 30 v	300.00		
1 Power Panel BD-65	330.00		
1 Rectifier	75.00		
1 Gasoline-Engine			
Generator for			
charging 30v battery	400.00		
Contingency	720.00	1200.00	4470.00

4 2-A AAOP #9

Ordnance

1 Field glasses	70.00		70.00
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TOTAL LOCATION 57 \$4540.00

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FIRE CONTROL - SIGNAL and ORDNANCE

Arranged by LOCATION

Pri- ority: :No.	: Item: :No.	: Site: Project	Description of :	: Ordnance: :	: Signal Equip- ment	: Labor	: Total
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Location 59 (Gay Head, Mass.)

4	1	AAOP #10					
			Ordnance				
			1 Field glasses	70.00			70.00
					TOTAL LOCATION 59		<u>\$70.00</u>

Location 59B (Peaked Hill, Marthas Vineyard)

4	1	AAOP #11					
			Signal				
			1 Telephone Box,				
			EE-91		30.00		
			1 H & C Set, HS-17 A		25.00		55.00
			Ordnance				
			1 Field glasses	70.00			70.00
					TOTAL LOCATION 59B		<u>\$125.00</u>

Location 60 Site 1 (Beacon Hill, B. I.)

1	4-B	FSB & PSB					
			Signal				
			2 Telephone, Desk	40.00			
			1 Radio	500.00			
			1 S/B, PBX(50 lines)	500.00			
			2 S/B, BD-74	2600.00			
			1 Panel, BD-75	125.00			
			2 Storage Btry 30 v	300.00			
			1 Power Panel BD-65	330.00			
			1 Rectifier	75.00			
			1 Gasoline Engine				
			Generator for				
			charging 30 v Btry	400.00			
			Contingency	824.00	1200.00		6894.00

1	1-A	AAOP #12					
			Ordnance				
			1 Field glasses	70.00			70.00
					TOTAL LOCATION 60-1		<u>\$8964.00</u>

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Cost Estimate and Priority Guide

FIRE CONTROL - SIGNAL and ORDNANCE

Arranged by BATTERY

Pri- : ority:	: Item:	: Site:	: Description of	: Ordnance:	: Equip- ment	: Signal Labor	: Total
:No. :	:No. :		Project				
<u>Battery No. 1 (Constr. No. 109) 2-16" Guns, Fort Greene, R.I.</u>							
3	1-B	Guns, Magazine & PH (Location 34, Fort Greene, R.I.)					
		Signal					
		11 Telephone Box,					
		EE-91			330.00		
		9 H & C Set, HS-17 A			225.00		
		2 Handset, TS-12A			24.00		
		2 Bell, T.I., MC-153					
		w/cover			22.00		
		8 Box, BE-63			160.00		
		Contingency			202.00	60.00	1023.00
3	1-C	BCP (Location 34, Fort Greene, R.I.)					
		Signal					
		6 Telephone Box, EE-91			180.00		
		3 H & C Set, HS-17 A			75.00		
		3 Handset, TS-12A			36.00		
		1 S/B, BD-105			230.00		
		1 Bell, T.I., MC-153			11.00		
		1 Telephone, Wall			20.00		
		Contingency			170.00	60.00	782.00
		Ordnance					
		1 Az. Instrument					
		M-1910-A1		1125.00			
		4 Recorders, T.I.		110.00			1235.00
3	1-A	Plotting Room (Location 34, Fort Greene, R.I.)					
		Signal					
		15 Telephone Box, EE-91			450.00		
		11 H & C Sets, HS-17 A			275.00		
		4 Handset, TS-12A			48.00		
		1 Bell, T.I., MC-153			11.00		
		1 S/B, BD-95			300.00		
		1 Radio			500.00		
		1 Telephone, Wall			20.00		
		Contingency			441.00	120.00	2165.00
		Ordnance					
		1 Director, Large		75,000.00			
		1 Bd. Adj. Fire M-1		250.00			
		1 Bd. Rg. Corr. M-1		900.00			
		1 Bd. Def. M-1		1,800.00			
		1 Bd. Plotting M-3		6,000.00			
		1 Bd. Spotting M-3		1,950.00			
		1 Corrector Perc. M-1		125.00			
		4 Recorders, T.I.		110.00			
		1 Rule Set Forward		15.00			
		1 Scale, Predicting		19.00			
		1 Indicator Wind					
		Component		125.00			86,294.00

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FIRE CONTROL - SIGNAL and ORDNANCE

Arranged by BATTERY

Pri- ority:	Item: No.:	Site: No.:	Description of Project	Ordnance: :	Signal Equip- ment	Labor	Total
<u>Battery No. 1 (Constr. No. 109) 2-16" Guns, Fort Greene, R.I. (Cont'd)</u>							
3	1-A	B1	S1 (Location 32, Green Hill, R.I.)				
			Signal				
			3 Telephone Box, EE-91		90.00		
			3 H & C Set, HS-17 A		75.00		
			1 Bell, T.I., MC-153		11.00		
			Contingency		95.00	60.00	331.00
			Ordnance				
			2 Az. Instrument				
			M-1910-A1	2250.00			2250.00
3	1-C	B2	S2 (Location 33, Point Judith, R. I.)				
			Signal				
			3 Telephone Box, EE-91		90.00		
			3 H & C Set, HS-17 A		75.00		
			1 Bell, T.I., MC-153		11.00		
			Contingency		95.00	60.00	331.00
			Ordnance				
			2 Az. Instrument				
			M-1910-A1	2250.00			2250.00
3	1-A	B3	S3 (Location 35, Boston Neck, R.I.)				
			Signal				
			3 Telephone Box, EE-91		90.00		
			3 H & C Set, HS-17 A		75.00		
			1 Bell, T.I., MC-153		11.00		
			Contingency		95.00	60.00	331.00
			Ordnance				
			2 Az. Instrument				
			M-1910-A1	2250.00			2250.00
3	1-C	B4	S4 (Location 46, Sachuest Pt., R.I.)				
			Signal				
			3 Telephone Box, EE-91		90.00		
			3 H & C Set, HS-17 A		75.00		
			1 Bell, T.I., MC-153		11.00		
			Contingency		95.00	60.00	331.00
			Ordnance				
			2 Az. Instrument				
			M-1910-A1	2250.00			2250.00

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Arranged by BATTERY

Pri-	:	:	:	:	:	Signal	:
ority:	Item:	Site:	Description of	Ordnance:	Equip-	:	Total
:No.:	:No.:	:	Project	:	ment	: Labor	:

Battery No. 1 (Constr. No. 109) 2-16" Guns, Fort Greene, R.I. (Cont'd)

3 3-A B9 S9 (Location 60-3, Turtle Hill, B.I.)

Signal

3 Telephone Box, EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
1 Bell, T.I., MC-153	11.00		
1 Telephone, Wall	20.00		
Contingency	100.00	60.00	356.00

Ordnance

1 DPF Instrument	4500.00		
1 Az. Instrument			
M-1910-A1	1125.00		5625.00

3 4-B B10 S10 (Location 60-4, Clayhead, B.I.)

Signal

3 Telephone Box, EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
1 Bell, T.I., MC-153	11.00		
Contingency	95.00	60.00	331.00

Ordnance

2 Az. Instrument			
M-1910-A1	2250.00		2250.00

TOTAL BATTERY CONSTR. NO. 109 \$127,509.00

Battery No. 2 (Constr. No. 108) 2-16" Guns, Fort Greene, R. I.

1 2-A Guns, Magazine & PH (Location 34, Fort Greene, R.I.)

Signal

3 Telephone Box, EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
8 Box, BE-63	160.00		325.00

1 1-C BCP (Location 34, Fort Greene, R.I.)

Signal

1 Telephone Box, EE-91	30.00		
1 Hand Set, TS-12A	12.00		
1 S/B, BD-95	300.00		
Contingency	158.00	75.00	575.00

Ordnance

1 Az. Instrument			
M-1910-A1	1125.00		
4 Recorders, T.I.	110.00		1235.00

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Arranged by BATTERY

Pri-	:	:	:	:	:	Signal	:	:	:	:
ority:	Item:	Site:	Description of	Ordnance	:	Equip-	:	Labor	:	Total
:	No.:	No.:	Project	:	:	ment	:	:	:	:
Battery No. 2 (Constr. No. 108) 2-16" Guns, Fort Greene, R. I. (Cont'd)										
1			2-B Plotting Room (Location 34, Fort Greene, R.I.)							
			Signal							
			1 S/B, BD-95			300.00				
			1 S/B, BD-105			230.00				
			1 Radio			500.00				
			Contingency			200.00				1230.00
			Ordnance							
			1 Director, Large	75,000.00						
			1 Bd. Adj. Fire, M-1	250.00						
			1 Bd. Rg. Corr. M-1	900.00						
			1 Bd. Def. M-1	1800.00						
			1 Bd. Plotting, M-3	6000.00						
			1 Bd. Spotting, M-3	1950.00						
			4 Recorders, T.I.	110.00						
			1 Rule, Set Forward	15.00						
			1 Scale, Prediction	19.00						
			1 Indicator Wind							
			Component	125.00						86,294.00
1			1-C B1 S1 (Location 27, Watch Hill Pt., R.I.)							
			Signal							
			3 Telephone Box, EE-91			90.00				
			3 H & C Set, HS-17 A			75.00				
			1 Bell, T.I., MC-153			11.00				
			1 Telephone, Wall			20.00				
			Contingency			99.00		60.00		355.00
			Ordnance							
			2 Az. Instrument							
			M-1910-A1	2250.00						2250.00
1			1-B B2 S2 (Location 29, Noyes Pt., R. I.)							
			Ordnance							
			2 Az. Instrument							
			M-1910-A1	2250.00						2250.00
1			1-A B3 S3 (Location 31, Charlestown, R.I.)							
			Signal							
			3 Telephone Box, EE-91			90.00				
			3 H & C Set, HS-17 A			75.00				
			1 Bell, T.I., MC-153			11.00				
			1 Telephone, Wall			20.00				
			Contingency			100.00		60.00		356.00
			Ordnance							
			2 Az. Instrument							
			M-1910-A1	2250.00						2250.00

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FIRE CONTROL - SIGNAL and ORDNANCE

Arranged by BATTERY

Pri-	Item:	Site:	Description of	Ordnance:	Equip-	Signal	Labor	Total
No.	No.		Project		ment			

Battery No. 2 (Constr. No. 108) 2-16" Guns, Fort Greene, R.I. (Cont'd)

1	1-A	B4	S4 (Location 32, Greene Hill, R.I.)					
			Ordnance					
			2 Az. Instrument					
			M-1910-A1	2250.00				2250.00
1	1-B	B5	S5 (Location 33, Point Judith, R.I.)					
			Signal					
			3 Telephone Box, EE-91		90.00			
			3 H & C Set, HS-17 A		75.00			
			1 Bell, T.I., MC-153		11.00			
			Contingency		95.00	60.00		331.00
			Ordnance					
			2 Az. Instrument					
			M-1910-A1	2250.00				2250.00
1	1-B	B6	S6 (Location 35, Boston Neck, R.I.)					
			Ordnance					
			2 Az. Instrument					
			M-1910-A1	2250.00				2250.00
1	1-B	B7	S7 (Location 46, Sachuest Pt., R.I.)					
			Ordnance					
			2 Az. Instrument					
			M-1910-A1	2250.00				2250.00
1	1-A	B8	S8 (Location 49, Warren Pt., R.I.)					
			Signal					
			1 Telephone, Wall		20.00			20.00
			Ordnance					
			2 Az. Instrument					
			M-1910-A1	2250.00				2250.00
1	1-A	B9	S9 (Location 60-1, Beacon Hill, B.I.)					
			Signal					
			3 Telephone Box, EE-91		90.00			
			3 H & C Set, HS-17 A		75.00			
			1 Bell, T.I., MC-153		11.00			
			Contingency		95.00	60.00		331.00
			Ordnance					
			1 DPF Instrument	4500.00				
			1 Az. Instrument					
			M-1910-A1	1125.00				5625.00

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Arranged by BATTERY

Pri-	:	:	:	:	:	Signal	:	:
ority:	Item:	Site:	Description of	: Ordnance:	Equip-	:	Labor	Total
:No.:	:No.:	:	Project	:	: ment	:	:	:

Battery No. 2 (Constr. No. 108) 2-16" Guns, Fort Greene, R.I. (Cont'd)

1 2-A B10 S10 (Location 60-2, South West, B.I.)

Signal

3 Telephone Box, EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
1 Bell, T.I., MC-153	11.00		
Contingency	95.00	60.00	331.00

Ordnance

1 DPF Instrument	4500.00		
1 Az. Instrument			
M-1910-A1	1125.00		5625.00

1 3-A B11 S11 (Location 60-3, Turtle Hill, B.I.)

Signal

3 Telephone Box, EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
1 Bell, T.I., MC-153	11.00		
Contingency	95.00	60.00	331.00

Ordnance

1 DPF Instrument	4500.00		
1 Az. Instrument			
M-1910-A1	1125.00		5625.00

1 4-B B12 S12 (Location 60-4, Clayhead, B.I.)

Signal

3 Telephone Box, EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
1 Bell, T.I., MC-153	11.00		
Contingency	95.00	60.00	331.00

Ordnance

1 DPF Instrument	4500.00		
1 Az. Instrument			
M-1910-A1	1125.00		5625.00

TOTAL BATTERY CONSTR. #108 \$132,548.00

Battery No. 3 (Constr. No. 211) 2-6" Guns, Point Judith, R. I.

2 1-A Guns, Magazine & PH (Location 33, Point Judith, R.I.)

Signal

10 Telephone Box, EE-91	300.00		
8 H & C Set, HS-17 A	200.00		
2 Hand Set, TS-12A	24.00		
2 Bell, T.I., MC-153			
w/cover	22.00		
8 Boxes, BE-63	160.00		
Contingency	201.00	60.00	967.00

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Arranged by BATTERY

Pri- ority	Item No.	Site No.	Description of Project	Ordnance	Equip- ment	Signal Labor	Total
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Battery No. 3 (Constr. No. 211) 2-6" Guns, Point Judith, R.I. (Cont'd)

2 1-C BCP (Location 33, Point Judith, R.I.)

Signal

6 Telephone Box, EE-91	180.00		
3 H & C Set, HS-17 A	75.00		
3 Hand Set, TS-12A	36.00		
1 S/B, BD-105	230.00		
1 Bell, T.I., MC-153	11.00		
1 Telephone, Wall	20.00		
Contingency	110.00	60.00	722.00

Ordnance

1 Az. Instrument			
M-1910-A1	1125.00		
4 Recorders, T.I.	110.00		1235.00

2 1-A Plotting Room (Location 33, Point Judith, R.I.)

Signal

11 Telephone Box, EE-91	330.00		
9 H & C Set, HS-17 A	225.00		
2 Hand Set, TS-12A	24.00		
1 Bell, T.I., MC-153	11.00		
1 S/B, BD-95	300.00		
1 Telephone, Wall	20.00		
Contingency	272.00	90.00	1272.00

Ordnance

1 Director, Med. 6"	25,000.00		
1 Bd. Adj. Fire, M-1	250.00		
1 Bd. Rg. Corr. M-1	900.00		
1 Bd. Def. M-1	1,800.00		
1 Bd. Plotting, M-3	6,000.00		
1 Bd. Spotting, M-3	1,950.00		
1 Corr. Per Cent, M-1	125.00		
4 Recorders, T.I.	110.00		
1 Rule, Set Forward	15.00		
1 Scale, Predicting	19.00		
1 Indicator, Wind, Comp.	125.00		36,294.00

2 1-A B1 S1 (Location 31, Charlestown, R.I.)

Signal

3 Telephone Box, EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
1 Bell, T.I., MC-153	11.00		
Contingency	95.00	60.00	331.00

Ordnance

1 DPF Instrument	4500.00		
1 Az. Instrument			
M-1910-A1	1125.00		5625.00

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Pri-	:	:	:	:	:	Signal	:	:
ority:	Item:	Site:	Description of	: Ordnance:	Equip-	:	Labor	Total
:No.:	:No.:	:	Project	:	ment	:	:	:
<u>Battery No. 3 (Constr. No. 211) 2-6" Guns, Point Judith, R.I. (Cont'd)</u>								
2	1-B	B2	S2 (Location 32, Green Hill, R.I.)					
Signal								
			3 Telephone Box, EE-91		90.00			
			3 H & C Set, HS-17 A		75.00			
			1 Bell, T.I., MC-153		11.00			
			Contingency		95.00		60.00	331.00
Ordnance								
			2 Az. Instrument					
			M-1910-A1	2250.00				2250.00
2	1-B	B3	S3 (Location 33, Point Judith, R.I.)					
Signal								
			3 Telephone Box, EE-91		90.00			
			3 H & C Set, HS-17 A		75.00			
			1 Bell, T.I., MC-153		11.00			
			Contingency		95.00		60.00	331.00
Ordnance								
			2 Az. Instrument					
			M-1910-A1	2250.00				2250.00
2	1-B	B4	S4 (Location 35, Boston Neck, R.I.)					
Signal								
			3 Telephone Box, EE-91		90.00			
			3 H & C Set, HS-17 A		75.00			
			1 Bell, T.I., MC-153		11.00			
			Contingency		95.00		60.00	331.00
Ordnance								
			2 Az. Instrument					
			M-1910-A1	2250.00				2250.00
2	3-B	B5	S5 (Location 60-3, Turtle Hill, B.I.)					
Signal								
			3 Telephone Box, EE-91		90.00			
			3 H & C Set, HS-17 A		75.00			
			1 Bell, T.I., MC-153		11.00			
			Contingency		95.00		60.00	331.00
Ordnance								
			1 DPF Instrument	4500.00				
			1 Az. Instrument					
			M-1910-A1	1125.00				5625.00

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Pri- ority:	Item: No.	Site: No.	Description of Project	Ordnance: :	Equip- ment	Signal Labor	Total
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Battery No. 3 (Constr. No. 211) 2-6" Guns, Point Judith, R.I. (Cont'd)

2 4-A B6 S6 (Location 60-4, Clayhead, B.I.)

Signal

3 Telephone Box, EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
1 Bell, T.I., MC-153	11.00		
Contingency	95.00	60.00	331.00

Ordnance

1 DPF Instrument	4500.00		
1 Az. Instrument			
M-1910-A1	1125.00		5625.00

TOTAL BATTERY CONSTR. NO. 211 \$66,101.00

Battery No. 4 (Battery House) 2-6" Guns, Boston Neck, R.I.

1 1-F Guns

Signal

8 Telephone Box, EE-91	240.00		
6 H & C Set, HS-17 A	150.00		
2 Hand Set, TS-12A	24.00		
2 Bell, T.I., MC-153 w/cover	22.00		
5 Box, BE-63	100.00		
Contingency	167.00	60.00	763.00

1 1-F BCP & CRF (Location 35, Boston Neck, R.I.)

Signal

4 Telephone Box, EE-91	120.00		
1 H & C Set, HS-17 A	25.00		
3 Hand Set, TS-12A	36.00		
1 S/B, BD-105	230.00		
1 Bell, T.I., MC-153	11.00		
1 Telephone, Wall	20.00		
Contingency	148.00	60.00	650.00

Ordnance

1 Az. Instrument			
M-1910-A1	1125.00		
4 Recorders, T.I.	110.00		1235.00

1 1-D Plotting Room (Location 35, Boston Neck, R.I.)

Signal

10 Telephone Box, EE-91	300.00		
8 H & C Set, HS-17 A	200.00		
1 Hand Set, TS-12A	12.00		
1 Bell, T.I., MC-153	11.00		
1 S/B, BD-105	230.00		
1 Telephone, Wall	20.00		
Contingency	245.00	90.00	1108.00

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Arranged by BATTERY

Pri- ority:	Item: :No.:	Site: :No.:	Description of Project	Ordnance: :	Signal Equip- ment	Labor	Total
<u>Battery No. 4 (Battery House) 2-6" Guns, Boston Neck, R.I. (Cont'd)</u>							
1	<u>1-D Plotting Room (Location 35, Boston Neck, R.I. (Cont'd)</u>						
Ordnance							
			1 Director, Med. 6"	25,000.00			
			1 Bd. Adj. Fire M-1	250.00			
			1 Bd. Rg. Corr. M-1	900.00			
			1 Bd. Def. M-1	1,800.00			
			1 Bd. Plotting, M-3	6,000.00			
			1 Bd. Spotting, M-3	1,950.00			
			1 Corr. PerCent M-1	125.00			
			4 Recorders, T.I.	110.00			
			1 Rule, Set Forward	15.00			
			1 Scale, Predicting	19.00			
			1 Indicator, Wind, Comp.	125.00			36,294.00
1	2-C B1 S1 (Location 34, Fort Greene, R. I.)						
Signal							
			3 Telephone Box, EE-91	90.00			
			3 H & C Set, HS-17 A	75.00			
			1 Bell, T.I., MC-153	11.00			
			1 Telephone, Wall	20.00			
			Contingency	99.00	60.00		355.00
Ordnance							
			2 Az. Instrument				
			M-1910-A1	2250.00			2250.00
1	1-D B2 S2 (Location 35, Boston Neck, R.I.)						
Signal							
			3 Telephone Box, EE-91	90.00			
			3 H & C Set, HS-17 A	75.00			
			1 Bell, T.I., MC-153	11.00			
			Contingency	95.00	60.00		331.00
Ordnance							
			2 Az. Instrument				
			M-1910-A1	2250.00			2250.00
TOTAL BATTERY HOUSE							\$45,236.00
<u>Battery No. 5 (Battery Armistead) 2-3" Guns, Boston Neck, R.I.</u>							
1	1-G Guns (Location 35, Boston Neck, R.I.)						
Signal							
			3 Telephone Box, EE-91	90.00			
			3 H & C Set, HS-17 A	75.00			
			3 Box, BE-63	60.00			
			Contingency	105.00	60.00		390.00

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Arranged by BATTERY

Priority:	Item:	Site:	Description of	Ordnance:	Equip-ment	Signal	Labor	Total
:No. :	:No. :	:No. :	Project	:	:	:	:	:

Battery No. 5 (Battery Armistead) 2-3" Guns, Boston Neck, R.I. (Cont'd)

1	1-G BCP & CRF (Location 35, Boston Neck, R.I.)				
	Signal				
	4 Telephone Box, EE-91	120.00			
	3 H & C Set, HS-17 A	75.00			
	1 Hand Set, TS-12A	12.00			
	Contingency	101.00	60.00		368.00
	Ordnance				
	1 Az. Instrument				
	M-1910-A1	1125.00			1125.00
	TOTAL BATTERY ARMISTEAD				\$1883.00

Battery No. 6 (Battery Whiting) 2-3" Guns, Beavertail Pt., R.I.

1	1-G Guns (Location 41, Beavertail Pt., R.I.)				
	Signal				
	3 Telephone Box, EE-91	90.00			
	3 H & C Set, HS-17 A	75.00			
	Contingency	43.00	60.00		268.00
1	1-G BCP & CRF (Location 41, Beavertail Pt., R.I.)				
	Signal				
	3 Telephone Box, EE-91	90.00			
	2 H & C Set, HS-17 A	50.00			
	1 Hand Set, TS-12A	12.00			
	Contingency	40.00	60.00		252.00
	Ordnance				
	1 Az. Instrument				
	M-1910-A1	1125.00			1125.00
	TOTAL BATTERY WHITING				\$1645.00

Battery No. 7 (Constr. No. 213) 2-6" Guns, Beavertail Pt., R.I.

2	1-B Guns, Magazine & PH (Location 41, Beavertail Pt., R.I.)				
	Signal				
	10 Telephone Box, EE-91	300.00			
	8 H & C Set, HS-17 A	200.00			
	2 Hand Set, TS-12A	24.00			
	2 Bell, T.I., MC-153w/cover	22.00			
	8 Box, BE-63	160.00			
	Contingency	201.00	60.00		967.00

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Pri- ority:	Item: No.	Site: No.	Description of Project	Ordnance: No.	Signal Equip- ment	Labor	Total
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Battery No. 7 (Constr. No. 213) 2-6" Guns, Beavertail Pt., R.I. (Cont'd)

2 1-C BCP (Location 41, Beavertail Pt., R.I.)

Signal

6 Telephone Box, EE-91	180.00		
3 H & C Set, HS-17 A	75.00		
3 Hand Set, TS-12A	36.00		
1 S/B, BD-105	230.00		
1 Bell, T.I., MC-153	11.00		
1 Telephone, Wall	20.00		
Contingency	170.00	60.00	782.00

Ordnance

1 Az. Instrument			
M-1910-A1	1125.00		
4 Recorders, T.I.	110.00		1235.00

2 1-B Plotting Room (Location 41, Beavertail Pt., R.I.)

Signal

11 Telephone Box, EE-91	330.00		
9 H & C Set, HS-17 A	225.00		
2 Hand Set, TS-12A	24.00		
1 Bell, T.I., MC-153	11.00		
1 S/B, BD-95	300.00		
1 Telephone, Wall	20.00		
Contingency	272.00	90.00	1272.00

Ordnance

1 Director, Med. 6"	25,000.00		
1 Bd. Adj. Fire M-1	250.00		
1 Bd. Rg. Corr. M-1	900.00		
1 Bd. Def. M-1	1,800.00		
1 Bd. Plotting M-3	6,000.00		
1 Bd. Spotting M-3	1,950.00		
1 Corr. PerCent M-1	125.00		
4 Recorders, T.I.	110.00		
1 Rule, Set Forward	15.00		
1 Scale, Prediction	19.00		
1 Indicator, Wind, Comp.	125.00		36,294.00

2 1-C Bl S1 (Location 32, Green Hill, R.I.)

Signal

3 Telephone Box, EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
1 Bell, T.I., MC-153	11.00		
Contingency	95.00	60.00	331.00

Ordnance

2 Az. Instrument			
M-1910-A1	2250.00		2250.00

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Pri- ority:	Item: :No.	Site: :No.	Description of Project	: :	Ordnance: :	Signal Equip- ment	: :	Labor :	: :	Total :
<u>Battery No. 7 (Constr. No. 213) 2-6" Guns, Beavertail Pt., R.I. (Cont'd)</u>										
2	1-D	B2	S2 (Location 33, Point Judith, R.I.)							
			Signal							
			3 Telephone Box, EE-91			90.00				
			3 H & C Set, HS-17 A			75.00				
			1 Bell, T.I., MC-153			11.00				
			Contingency			95.00		60.00		331.00
			Ordnance							
			2 Az. Instrument							
			M-1910-A1		2250.00					2250.00
2	1-A	B3	S3 (Location 35, Boston Neck, R.I.)							
			Signal							
			3 Telephone Box, EE-91			90.00				
			3 H & C Set, HS-17 A			75.00				
			1 Bell, T.I., MC-153			11.00				
			Contingency			95.00		60.00		331.00
			Ordnance							
			2 Az. Instrument							
			M-1910-A1		2250.00					2250.00
2	1-A	B4	S4 (Location 46, Sachuest Pt., R.I.)							
			Signal							
			3 Telephone Box, EE-91			90.00				
			3 H & C Set, HS-17 A			75.00				
			1 Bell, T.I., MC-153			11.00				
			Contingency			95.00		60.00		331.00
			Ordnance							
			2 Az. Instrument							
			M-1910-A1		2250.00					2250.00
2	1-A	B5	S5 (Location 49, Warren Pt., R.I.)							
			Signal							
			3 Telephone Box, EE-91			90.00				
			3 H & C Set, HS-17 A			75.00				
			1 Bell, T.I., MC-153			11.00				
			Contingency			95.00		60.00		331.00
			Ordnance							
			2 Az. Instrument							
			M-1910-A1		2250.00					2250.00
TOTAL BATTERY CONSTR. NO. 213 \$53,455.00										
<u>Battery No. 8 (Constr. No. 110) 2-16" Guns, Beavertail Pt., R.I.</u>										
3	1-F	Guns,	Magazine & PH (Location 41, Beavertail Pt., R.I.)							
			Signal							
			11 Telephone Box, EE-91			330.00				
			9 H & C Set, HS-17 A			225.00				
			2 Hand Set, TS-12A			24.00				
			2 Bell, T.I., MC-153			22.00				
			8 Box, BE-63			160.00				
			Contingency			242.00		90.00		1093.00

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FIRE CONTROL - SIGNAL and ORDNANCE

Arranged by BATTERY

Pri- ority:	Item: :No.	Site: :No.	Description of Project	: :	Ordnance: :	Signal Equip- ment	: :	Labor	: :	Total
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Battery No. 8 (Constr. No. 110) 2-16" Guns, Beavertail Pt., R.I.(Cont'd)

3 1-C BCP (Location 41, Beavertail Pt., R.I.)

Signal

6 Telephone Box,,EE-91	180.00		
3 H & C Set, HS-17 A	75.00		
3 Hand Set, TS-12A	36.00		
1 S/B, BD-105	230.00		
1 Bell,T.I., MC-153	11.00		
1 Telephone, Wall	20.00		
Contingency	200.00	90.00	842.00

Ordnance

1 Az. Instrument			
M-1910-A1	1125.00		
4 Recorders, T.I.	110.00		1235.00

3 1-E Plotting Room (Location 41, Beavertail Pt., R.I.)

Signal

15 Telephone Box,EE-91	450.00		
11 H & C Set, HS-17 A	275.00		
4 Hand Set, TS-12A	48.00		
1 Bell,T.I.,MC-153	11.00		
1 S/B, BD-95	300.00		
1 S/B, BD-105	230.00		
1 Radio	500.00		
1 Telephone, Wall	20.00		
Contingency	487.00	240.00	2561.00

Ordnance

1 Director, Large 16"	75,000.00		
1 Bd. Adj. Fire, M-1	250.00		
1 Bd. Rg. Corr. M-1	900.00		
1 Bd. Def. M-1	1,800.00		
1 Bd. Plotting, M-3	6,000.00		
1 Bd. Spotting, M-3	1,950.00		
1 Corr. PerCent, M-1	125.00		
4 Recorders, T.I.	110.00		
1 Rule, Set Forward	15.00		
1 Scale, Prediction	19.00		
1 Indicator, Wind, Comp.	125.00		86,294.00

3 1-C B1 S1 (Location 32, Green Hill, R.I.)

Signal

3 Telephone Box,EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
1 Bell, T.I., MC-153	11.00		
Contingency	95.00	60.00	331.00

Ordnance

2 Az. Instrument			
M-1910-A1	2250.00		2250.00

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Pri- ority	Item :No.	Site :No.	Description of Project	Ordnance :	Equip- ment	Signal : Labor	Total
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Battery No. 8 (Constr. No. 110) 2-16" Guns, Beavertail Pt., R.I. (Cont'd)

3 1-B B2 S2 (Location 33, Point Judith, R.I.)

Signal

3 Telephone Box, EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
1 Bell, T.I., MC-153	11.00		
Contingency	95.00	60.00	331.00

Ordnance

2 Az. Instrument			
M-1910-A1	2250.00		2250.00

3 1-A B3 S3 (Location 35, Boston Neck, R.I.)

Signal

3 Telephone Box, EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
1 Bell, T.I., MC-153	11.00		
Contingency	95.00	60.00	331.00

Ordnance

2 Az. Instrument			
M-1910-A1	2250.00		2250.00

3 1-A B4 S4 (Location 46, Sachuest Pt., R.I.)

Signal

3 Telephone Box, EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
1 Bell, T.I., MC-153	11.00		
Contingency	95.00	60.00	331.00

Ordnance

2 Az. Instrument			
M-1910-A1	2250.00		2250.00

3 1-C B5 S5 (Location 49, Warren Pt., R.I.)

Signal

3 Telephone Box, EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
1 Bell, T.I., MC-153	11.00		
Contingency	95.00	60.00	331.00

Ordnance

2 Az. Instrument			
M-1910-A1	2250.00		2250.00

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FIRE CONTROL - SIGNAL and ORDNANCE

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Pri-	:	:	:	:	:	Signal	:	:	:
ority:	Item:	Site:	Description of	Ordnance:	Equip-	:	Labor	:	Total
:	No. :	No. :	Project	:	ment :	:	:	:	:

Battery No. 8 (Constr. No. 110) 2-16" Guns, Beavertail Pt., R.I. (Cont'd)

3 4-B B10 S10 (Location 60-4, Clayhead, B.I.)

Signal

3 Telephone Box, EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
1 Bell, T.I., MC-153	11.00		
Contingency	95.00	60.00	331.00

Ordnance

1 DPF Instrument	4500.00		
1 Az. Instrument			
M-1910-A1	1125.00		5625.00

TOTAL BATTERY CONSTR. NO.110 \$124,585.00

Battery No. 9 (Battery Dickenson) 2-6" Guns, Fort Wetherill, R.I.

1 1-C Guns, Magazine & PH (Location 43, Fort Wetherill, R.I.)

Signal

10 Telephone Box, EE-91	300.00		
8 H & C Set, HS-17 A	200.00		
2 Hand Set, TS-12A	24.00		
2 Bell, T.I., MC-153, w/cover	22.00		
3 Box, BE-63	60.00		
Contingency	211.00	90.00	907.00

1 1-A BCP & CRF (Location 43, Fort Wetherill, R.I.)

Signal

7 Telephone Box, EE-91	210.00		
4 H & C Set, HS-17 A	100.00		
3 Hand Set, TS-12A	36.00		
1 S/B, BD-105	230.00		
1 Bell, T.I., MC-153	11.00		
1 Telephone, Wall	20.00		
Contingency	211.00	90.00	908.00

Ordnance

1 Az. Instrument			
M-1910-A1	1125.00		
4 Recorders, T.I.	110.00		1235.00

1 1-C Plotting Room (Location 43, Fort Wetherill, R.I.)

Signal

11 Telephone Box, EE-91	330.00		
9 H & C Set HS-17 A	225.00		
2 Hand Set, TS-12A	24.00		
1 Bell, T.I., MC-153	11.00		
1 S/B, BD-105	230.00		
1 Telephone, Wall	20.00		
Contingency	258.00	90.00	1188.00

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Pri-	:	:	:	:	:	Signal	:
ority:	Item:	Site:	Description of	Ordnance:	Equip-	:	Total
:	No.:	No.:	Project	:	ment	Laber	:

Battery No. 9 (Battery Dickenson) 2-6" Guns, Fort Wetherill, R.I. (Cont'd)

1 1-C Plotting Room (Location 43, Fort Wetherill, R.I.) (Cont'd)

Ordnance

1 Director, Med. 6"	25,000.00		
1 Bd. Adj. Fire, M-1	250.00		
1 Bd. Rg. Corr. M-1	900.00		
1 Bd. Def. M-1	1,800.00		
1 Bd. Plotting, M-3	6,000.00		
1 Bd. Spotting, M-3	1,950.00		
1 Corr. PerCent, M-1	125.00		
4 Recorders, T.I.	110.00		
1 Rule, Set Forward	15.00		
1 Scale, Prediction	19.00		
1 Indicator, Wind, Comp.	125.00		
			36,294.00

1 2-C B1 S1 (Location 34, Fort Greene, R.I.)

Signal

3 Telephone Box, EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
1 Bell, T.I., MC-153	11.00		
Contingency	95.00	60.00	331.00

Ordnance

2 Az. Instrument			
M-1910-A1	2250.00		2250.00

1 1-D B2 S2 (Location 35, Boston Neck, R.I.)

Signal

3 Telephone Box, EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
1 Bell, T.I., MC-153	11.00		
Contingency	95.00	60.00	331.00

Ordnance

2 Az. Instrument			
M-1910-A1	2250.00		2250.00

TOTAL BATTERY DICKENSON \$45,694.00

Battery No. 10 (Battery Crittendon) 2-3" Guns, Ft. Wetherill, R.I.

1 1-D Guns (Location 43, Ft. Wetherill, R.I.)

Signal

3 Telephone Box, EE-91	90.00		
3 H & C Set, HS-17 A	75.00		
3 Box, BE-63	60.00		
Contingency	105.00	60.00	390.00

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Pri-	:	:	:	:	Signal	:	
ority:	Item:	Site:	Description of	:Ordnance:	Equip-	: Labor	: Total
:No.	:No.	:	Project	:	: ment	:	:
Battery No. 10 (Battery Crittendon) 2-3" Guns, Ft. Wetherill, R.I. (Cont'd)							
1	1-D BCP & CRF (Location 43, Ft. Wetherill, R.I.)						
Signal							
	4	Telephone Box,EE-91			120.00		
	3	H & C Set, HS -17 A			75.00		
	1	Hand Set, TS-12A			12.00		
		Contingency			50.00	60.00	317.00
Ordnance							
	1	Az. Instrument					
		M-1910-A1			1125.00		1125.00
TOTAL BATTERY CRITTENDON							\$1832.00

Battery No. 11 (Battery Gray) 2-16" Guns, Fort Church, R.I.

1	1-A	Guns, Magazine & PH	(Location 47, Ft. Church, R.I.)						
Signal									
	1	Telephone Box,	EE-91		30.00				
	1	H & C Set,	HS-17 A		25.00				
	8	Box, BE-63			160.00				215.00
1	1-C	BCP	(Location 47, Ft. Church, R.I.)						
Signal									
	1	Telephone Box,	EE-91		30.00				
	1	Hand Set,	TS-12A		12.00				
	1	S/B, BD-95			300.00				
		Contingency			50.00	50.00			442.00
Ordnance									
	1	Az. Instrument							
		M-1910-A1		1125.00					
	4	Recorders, T.I.		110.00					1235.00
1	1-B	Plotting Room	(Location 47, Ft. Church, R.I.)						
Signal									
	1	S/B, BD-95			300.00				
	1	S/B, BD-105			230.00				
	1	Radio			500.00				
	1	Telephone, Wall			20.00				1050.00
Ordnance									
	1	Director, Large	16" 75,000.00						
	1	Bd. Adj. Fire, M-1		250.00					
	1	Bd. Rg. Corr. M-1		900.00					
	1	Bd. Def. M-1		1,800.00					
	1	Bd. Plotting, M-3		6,000.00					
	1	Bd. Spotting, M-3		1,950.00					
	1	Corr. PerCent, M-1		125.00					
	4	Recorders, T.I.		110.00					
	1	Rule, Set Forward		15.00					
	1	Scale, Prediction		19.00					
	1	Indicator, Wind, Comp.		125.00					86,294.00

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Pri- ority:	Item: :No.	Site: :No.	Description of Project	Ordnance: :	Equip- ment	Signal :	Labor :	Total :
<u>Battery No. 11 (Battery Gray) 2-16" Guns, Fort Church, R.I. (Cont'd)</u>								
1	1-C	B1 S1	(Location 32, Green Hill, R.I.)					
			Ordnance					
			2 Az. Instrument					
			M-1910-A1	2250.00				2250.00
1	1-C	B2 S2	(Location 33, Point Judith, R.I.)					
			Ordnance					
			2 Az. Instrument					
			M-1910-A1	2250.00				2250.00
1	1-C	B3 S3	(Location 35, Boston Neck, R.I.)					
			Ordnance					
			2 Az. Instrument					
			M-1910-A1	2250.00				2250.00
1	1-B	B4 S4	(Location 46, Sachuest Pt., R.I.)					
			Ordnance					
			2 Az. Instrument					
			M-1910-A1	2250.00				2250.00
1	1-B	B5 S5	(Location 49, Warren Pt., R.I.)					
			Signal					
			3 Telephone Box, EE-91		90.00			
			3 H & C Set, HS-17A		75.00			
			1 Bell, T.I., MC-153		11.00			
			Contingency		45.00	60.00		281.00
			Ordnance					
			2 Az. Instrument					
			M-1910-A1	2250.00				2250.00
1	1-D	B6 S6	(Location 50, Gooseberry Neck, Mass.)					
			Ordnance					
			2 Az. Instrument					
			M-1910-A1	2250.00				2250.00
1	1-D	B7 S7	(Location 57, Cuttyhunk Is., Mass.)					
			Ordnance					
			2 Az. Instrument					
			M-1910-A1	2250.00				2250.00
1	1-A	B8 S8	(Location 59, Gayhead, Mass.)					
			Ordnance					
			1 DPF Instrument	4500.00				
			1 Az. Instrument					
			M-1910-A1	1125.00				5625.00

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Arranged by BATTERY

Pri-	:	:	:	:	:	Signal	:
ority:	Item:	Site:	Description of	Ordnance:	Equip-	:	Total
:	No. :	No. :	Project	:	ment :	Labor :	:

Battery No. 11 (Battery Gray) 2-16" Guns, Fort Church, R.I. (Cont'd)

1	3-B	B9 S9 (Location 60-3, Turtle Hill, B.I.)					
		Signal					
		3 Telephone Box, EE-91			90.00		
		3 H & C Set, HS-17 A			75.00		
		1 Bell, T.I., MC-153			11.00		
		Contingency			95.00	60.00	331.00

		Ordnance					
		2 Az. Instrument					
		M-1910-A1	2250.00				2250.00

1	1-D	B10 S10 (Location 60-4, Clayhead, B.I.)					
		Signal					
		3 Telephone Box, EE-91			90.00		
		3 H & C Set, HS-17 A			75.00		
		1 Bell, T.I., MC-153			11.00		
		Contingency			95.00	60.00	331.00

		Ordnance					
		2 Az. Instrument					
		M-1910-A1	2250.00				2250.00

TOTAL BATTERY GRAY \$116,054.00

Battery No. 12 (8" Sakonnet) 2-8" Guns, Ft. Church, R.I.

1	2-A	Guns, Magazine & PH (Location 47, Ft. Church, R. I.)					
		Signal					
		8 Box, BE-63			160.00		160.00

1	2-C	BCP (Location 47, Ft. Church, R.I.)					
		Signal					
		1 Telephone Box, EE-91			30.00		
		1 Hand Set, TS-12A			12.00		
		1 S/B, BD-105			230.00		
		Contingency			50.00	60.00	382.00

		Ordnance					
		1 Az. Instrument					
		M-1910-A1	1125.00				
		4 Recorders, T.I.	110.00				1235.00

1	2-B	Plotting Room (Location 47, Ft. Church, R.I.)					
		Signal					
		1 S/B, BD-95			300.00		
		1 Telephone, Wall			20.00		

		Ordnance					
		1 Director, Large 16"	75,000.00				
		1 Bd. Adj. Fire, M-1	250.00				
		1 Bd. Rg. Corr. M-1	900.00				
		1 Bd. Def. M-1	1,800.00				

S E C R E T

Exhibit 9-B, Page 31 of 36 pages.

S E C R E T

Form #20. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - SIGNAL and ORDNANCE

Arranged by BATTERY

Pri- ority: :No.:	Item: :No.:	Site: :No.:	Description of Project	: Ordnance:	: Equip- ment:	: Signal Labor:	: Total
Battery No. 12 (8" Sakonnet) 2-8" Guns, Ft. Church, R.I. (Cont'd)							
1	2-B		Plotting Room (Location 47, Ft. Church, R.I.) (Cont'd)				
			Ordnance (Cont'd)				
			1 Bd. Plotting, M-3	6000.00			
			1 Bd. Spotting, M-3	1950.00			
			1 Corr. PerCent, M-1	125.00			
			4 Recorders, T.I.	110.00			
			1 Rule, Set Forward	15.00			
			1 Scale, Prediction	19.00			
			1 Indicator, Wind, Comp.	125.00			86,294.00
1	2-C		B1 S1 (Location 34, Fort Greene, R.I.)				
			Ordnance				
			2 Az. Instrument				
			M-1910-A1	2250.00			2250.00
1	1-C		B2 S2 (Location 35, Boston Neck, R.I.)				
			Ordnance				
			2 Az. Instrument				
			M-1910-A1	2250.00			2250.00
1	1-C		B3 S3 (Location 46, Sachuest Pt., R.I.)				
			Ordnance				
			2 Az. Instrument				
			M-1910-A1	2250.00			2250.00
1	1-B		B4 S4 (Location 49, Warren Pt., R.I.)				
			Signal				
			3 Telephone Box, EE-91		90.00		
			3 H & C Set, HS-17 A		75.00		
			1 Bell, T.I., MC-153		11.00		
			Contingency		45.00	60.00	281.00
			Ordnance				
			2 Az. Instrument				
			M-1910-A1	2250.00			2250.00
1	1-B		B5 S5 (Location 50, Gooseberry Neck, Mass.)				
			Ordnance				
			2 Az. Instrument				
			M-1910-A1	2250.00			2250.00
1	1-E		B6 S6 (Location 57, Cuttyhunk, Is., Mass.)				
			Ordnance				
			1 DPF Instrument	4500.00			
			1 Az. Instrument				
			M-1910-A1	1125.00			5625.00
TOTAL BATTERY 8" SAKONNET							\$105,547.00

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S E C R E T

Form #20. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - SIGNAL and ORDNANCE

Arranged by BATTERY

Pri- ority: :No.	Item: :No.	Site: :No.	Description of Project	Ordnance: :	Signal Equip- ment	Signal Labor	Total
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Battery No. 13 (Constr. No. 212) 2-6" Gms, Sakonnet Pt., R.I.

2 1-A Gms, Magazine & PH (Location 48, Sakonnet Pt., R.I.)

Signal

10 Telephone Box, EE-91	300.00		
8 H & C Set, HS-17 A	200.00		
2 Hand Set, TS-12A	24.00		
2 Bell, T.I., MC-153	22.00		
8 Box, BE-63	160.00		
Contingency	200.00	120.00	1026.00

2 1-B BCP (Location 48, Sakonnet Pt., R.I.)

Signal

6 Telephone Box, EE-91	180.00		
3 H & C Set, HS-17 A	75.00		
3 Hand Set, TS-12A	36.00		
1 S/B, BD-105	230.00		
1 Bell, T.I., MC-153	11.00		
1 Telephone, Wall	20.00		
Contingency	200.00	90.00	842.00

Ordnance

1 Az. Instrument			
M-1910-A1	1125.00		
4 Recorders, T.I.	110.00		1235.00

2 1-A Plotting Room (Location 48, Sakonnet Pt., R.I.)

Signal

11 Telephone Box, EE-91	330.00		
9 H & C Set, HS-17 A	225.00		
2 Hand Set, TS-12A	24.00		
1 Bell, T.I., MC-153	11.00		
1 S/B, BD-95	300.00		
1 Telephone, Wall	20.00		
Contingency	202.00	120.00	1232.00

Ordnance

1 Director, Med. 6"	25,000.00		
1 Bd. Adj. Fire, M-1	250.00		
1 Bd. Rg. Corr. M-1	900.00		
1 Bd. Def. M-1	1,800.00		
1 Bd. Plotting, M-3	6,000.00		
1 Bd. Spotting, M-3	1,950.00		
1 Corr. PerCent. M-1	125.00		
4 Recorders, T.I.	110.00		
1 Rule, Set Forward	15.00		
1 Scale, Prediction	19.90		
1 Indicator, Wind, Comp.	125.00		36,294.00

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S E C R E T

Form #20. Annex B

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

FIRE CONTROL - SIGNAL and ORDNANCE

Arranged by BATTERY

Pri- ority	Item :No.	Site :No.	Description of Project	Ordnance :	Signal Equip- ment	Labor	Total
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Battery No. 13 (Constr. No. 212) 2-6" Guns, Sakonnet Pt., R.I. (Cont'd)

2 1-D B1 S1 (Location 33, Point Judith, R.I.)

Signal

3 Telephone Box, EE-91	90.00			
3 H & C Set, HS-17 A	75.00			
1 Bell, T.I., MC-153	11.00			
Contingency	45.00	60.00		231.00

Ordnance

2 Az. Instrument				
M-1910-A1	2250.00			2250.00

2 1-C B2 S2 (Location 35, Boston Neck, R.I.)

Signal

3 Telephone Box, EE-91	90.00			
3 H & C Set, HS-17 A	75.00			
1 Bell, T.I., MC-153	11.00			
Contingency	45.00	60.00		281.00

Ordnance

2 Az. Instrument				
M-1910-A1	2250.00			2250.00

2 1-C B3 S3 (Location 46, Sachuest Pt., R.I.)

Signal

3 Telephone Box, EE-91	90.00			
3 H & C Set, HS-17 A	75.00			
1 Bell, T.I., MC-153	11.00			
Contingency	45.00	60.00		281.00

Ordnance

2 Az. Instrument				
M-1910-A1	2250.00			2250.00

2 1-B B4 S4 (Location 49, Warren Pt., R.I.)

Signal

3 Telephone Box, EE-91	90.00			
3 H & C Set, HS-17 A	75.00			
1 Bell, T.I., MC-153	11.00			
Contingency	45.00	60.00		281.00

Ordnance

2 Az. Instrument				
M-1910-A1	2250.00			2250.00

S E C R E T

Post Estimate and Priority Guide

MINE CONTROL - SIGNAL and ORDNANCE

Arranged by BATTERY

Item:	Site:	Description of	Ordnance:	Equip-	Signal	Labor	Total
No.:	No.:	Project	:	ment	:	:	:
<u>Mine Command No. 2 8 Mine Groups, East Passage (Cont'd)</u>							
1	2-A	M1 (Location 42, Hull Cove, R.I.)					
		Signal					
		1 Bell, T.I., MC-153		11.00			
		1 Telephone, Wall		20.00			31.00
1	1-A	M2 (Location 45, Castle Hill, R.I.)					
		Signal					
		1 Bell, T.I., MC-153		11.00			
		1 Telephone, Wall		20.00			31.00
TOTAL MINE COMMAND NO. 2							\$6292.00

TOTAL ORDNANCE: \$858,110.00

TOTAL SIGNAL : 98,407.00

GRAND TOTAL : \$956,517.00

S E C R E T

S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : Place :	Loc. : No. :	Check : Column :
Location No. 27.	Site No. 1.	Place:	Watch Hill Point.		

(Const.#108)	B ¹ ₂ S ¹ ₂	Observer	H.S.	BC-2	Fort Greene	34
		Spotter	H.S.	P-2	Fort Greene	34
		Reader	H.S.	P-2	Fort Greene	34
		—	T.I.	FSB	Fort Greene	34
		Admin.	Wall	PSB	Fort Greene	34

Additional thru lines required to Noyes Point:

(2) AWS	(2) Sector
(4) Army	(4) Beach Defense
(5) Reinf. Arty.	(4) Coast Guard
(5) AA Reinf. Arty.	(2) Subsector
(Submarine cable to Noyes Point)	

Location No. 29.	Site No. 1.	Place:	Noyes Point.
B ² ₂ S ² ₂	Observer	H.S.	BC-2
(Const.#108)	Spotter	H.S.	P-2
	Reader	H.S.	P-2
	—	T.I.	FSB
	Admin.	Wall	PSB
SC S/L #1	Order	EE8	C-1
SC S/L #2	Order	EE8	C-1

(Const.#108)	B ² ₂ S ² ₂	Observer	H.S.	BC-2	Fort Greene	34
		Spotter	H.S.	P-2	Fort Greene	34
		Reader	H.S.	P-2	Fort Greene	34
		—	T.I.	FSB	Fort Greene	34
		Admin.	Wall	PSB	Fort Greene	34

SC S/L #1	Order	EE8	C-1	* Point Judith	33
SC S/L #2	Order	EE8	C-1	* Point Judith	33

Additional thru lines required (Watch Hill-Charlestown):

(2) AWS	(2) Sector
(4) Army	(4) Beach Defense
(5) Reinf. Arty.	(4) Coast Guard
(5) AA Reinf. Arty.	(2) Subsector

Additional lines required to Fort Wright, (HDLIS)
via Watch Hill:

(Const.#111)	B ¹⁰ ₁₀ S ¹⁰ ₁₀	Observer	H.S.	BC-10	Fort Wright	23
		Spotter	H.S.	P-10	Fort Wright	23
		Reader	H.S.	P-10	Fort Wright	23
		—	T.I.	FSB	Fort Wright	23
		Admin.	Wall	PSB	Fort Wright	21

(* Via FSB Fort Greene, Location No. 34)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

S E C R E T

Exhibit 11-B, Page 1 of 40 pages

S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : Place :	Loc. : No. :	Check : Column :
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Location No. 29. Site No. 1. Place: Noyes Point (Cont'd)

B ⁵ ₁₁ S ⁵ ₁₁	Observer	H.S.	BC-11	Fort Wright	23A
	Spotter	H.S.	P-11	Fort Wright	23A
(Const.#214)	Reader	H.S.	P-11	Fort Wright	23A
	--	T.I.	FSB	Fort Wright	23A

AAIS	Intell.	EE8	AACP	Fort Wright	21
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Additional lines required to Watch Hill (EDLIS):

B ¹¹ ₁₂ S ¹¹ ₁₂	Observer	H.S.	BC-12	Watch Hill	28
	Spotter	H.S.	P-12	Watch Hill	28
(Const.#114)	Reader	H.S.	P-12	Watch Hill	28
	--	T.I.	FSB	Watch Hill	28

(Submarine Cable to Charlestown)

Location No. 31. Site No. 1. Place: Charlestown.

B ³ ₂ S ³ ₂	Observer	H.S.	BC-2	Fort Greene	34
	Spotter	H.S.	P-2	Fort Greene	34
(Const.#108)	Reader	H.S.	P-2	Fort Greene	34
	--	T.I.	FSB	Fort Greene	34
	Admin.	Wall	PSB	Fort Greene	44

B ¹ ₃ S ¹ ₃	Observer	H.S.	BC-3	* Point Judith	33
	Spotter	H.S.	P-3	* Point Judith	33
(Const.#211)	Reader	H.S.	P-3	* Point Judith	33
	--	T.I.	FSB	* Point Judith	33

AAIS OP #1	Intell.	EE8	AACP	Fort Adams	44
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SC S/L #3	Order	EE8	C-1	* Point Judith	33
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SC S.L #4	Order	EE8	C-1	* Point Judith	33
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Additional thru lines required (Noyes Point-Green Hill):

(2) AWS	(2) Sector
(4) Army	(4) Beach Defense
(5) Reinf. Arty.	(4) Coast Guard
(5) AA Reinf. Arty.	(2) Subsector

(* Via FSB Fort Greene, Location No. 34)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

S E C R E T

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S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :
of :	of :	of :	Installation : Place : Loc. : Check
Installation :	Telephone :	Phone :	: No. : Column
Location No. 31.	Site No. 1.	Place:	Charlestown (Cont'd.)

Additional lines required to Fort Wright (HDLIS)
Via Noyes Point.

(Const.#111)	B ¹¹ ₁₀ S ¹¹ ₁₀	Observer	H.S.	BC-10	Fort Wright	23
		Spotter	H.S.	P-10	Fort Wright	23
		Reader	H.S.	P-10	Fort Wright	23
		--	T.I.	FSB	Fort Wright	23
		Admin.	Wall	PSB	Fort Wright	21
AAIS OP #1	Intell.	EE8	AACP	Fort Wright	21	(Submarine Cable to Green Hill)

Location No. 32. Site No. 1. Place: Green Hill.

(Const.#109)	B ¹ ₁ S ¹ ₁	Observer	H.S.	BC-1	Fort Greene	34
		Spotter	H.S.	P-1	Fort Greene	34
		Reader	H.S.	P-1	Fort Greene	34
		--	T.I.	FSB	Fort Greene	34
(Const.#108)	B ⁴ ₂ S ⁴ ₂	Observer	H.S.	BC-2	Fort Greene	34
		Spotter	H.S.	P-2	Fort Greene	34
		Reader	H.S.	P-2	Fort Greene	34
		--	T.I.	FSB	Fort Greene	34
(Const.#211)	B ² ₃ S ² ₃	Observer	H.S.	BC-3	* Point Judith	33
		Spotter	H.S.	P-3	* Point Judith	33
		Reader	H.S.	P-3	* Point Judith	33
		--	T.I.	FSB	* Point Judith	33
(Const.#213)	B ¹ ₇ S ¹ ₇	Observer	H.S.	BC-7	Beavertail Pt.	41
		Spotter	H.S.	P-7	Beavertail Pt.	41
		Reader	H.S.	P-7	Beavertail Pt.	41
		--	T.I.	FSB	Beavertail Pt.	41
(Const.#110)	B ¹ ₈ S ¹ ₈	Observer	H.S.	BC-8	Beavertail Pt.	41
		Spotter	H.S.	P-8	Beavertail Pt.	41
		Reader	H.S.	P-8	Beavertail Pt.	41
		--	T.I.	FSB	Beavertail Pt.	41
(Const.#107)	B ¹ ₁₁ S ¹ ₁₁	Observer	H.S.	BC-11	Fort Church	47
		Spotter	H.S.	P-11	Fort Church	47
		Reader	H.S.	P-11	Fort Church	47
		--	T.I.	FSB	Fort Church	47
		Admin.	Wall	PSB	Fort Greene	34

(* Via FSB Fort Greene, Location No. 34)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

S E C R E T

S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : Place :	Loc. : No. :	Check : Column :
Location No. 32. Site No. 1. Place: Green Hill (Cont'd.)					

SC S/L #5	Order	EE8	C-1	* Point Judith	33
SC S/L #6	Order	EE8	C-1	* Point Judith	33

Additional thru lines required (Charlestown-Ft. Greene)

(2) AWS	(2) Sector
(4) Army	(4) Beach Defense
(5) Reinf. Arty.	(4) Coast Guard
(5) AA Reinf. Arty.	(2) Subsector

Additional lines required to Fort Wright (HDLIS)
via Charlestown.

B12 S12 10 10	Observer	H.S.	BC-10	Fort Wright	23
(Const.#111)	Spotter	H.S.	P-10	Fort Wright	23
	Reader	H.S.	P-10	Fort Wright	23
	---	T.I.	FSB	Fort Wright	23
	Admin.	Wall	PSB	Fort Wright	21
AAIS	Intell.	EE8	AACP	Fort Wright	21
(Submarine Cable to Fort Greene)					

Location No. 33	Site No. 1.	Place: Point Judith.
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G-1	Intell.	H.S.	C-1	Local	33
	Order	H.S.	C-1	Local	33
	Intell.	H.S.	BC-1	Fort Greene	34
	Order	H.S.	BC-1	Fort Greene	34
	Intell.	H.S.	BC-2	Fort Greene	34
	Order	H.S.	BC-2	Fort Greene	34
	Intell.	H.S.	BC-8	Beavertail Pt.	41
	Order	H.S.	BC-8	Beavertail Pt.	41
C-1	Admin.	Desk	PSB	Fort Greene	34
	Intell.	H.S.	SDCP	Beavertail Pt.	41
	Order	H.S.	SDCP	Beavertail Pt.	41
	Intell.	H.S.	G-1	Local	33
	Order	H.S.	G-1	Local	33
	Intell.	H.S.	G-2	Beavertail Pt.	41
	Order	H.S.	G-2	Beavertail Pt.	41
	Intell.	H.S.	Met.Sta.	Fort Adams	44
Order	H.S.	SC S/L #1	Noyes Pt.	29	
	---	---	SC S/L #2	Charlestown	31

(* Via FSB Fort Greene, Location No. 34)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

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S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :
of :	of :	of :	Installation : Place : Loc. : Check
Installation :	Telephone :	Phone :	: No. : Column

Location No. 33. Site No. 1. Place: Point Judith (Cont'd.)

C-1	--	--	SC S/L #3	Charlestown	31
(Cont'd.)	--	--	SC S/L #4	Charlestown	31
	--	--	SC S/L #5	Green Hill	32
	--	--	SC S/L #6	Green Hill	32
	--	--	SC S/L #7	Point Judith	33
	--	--	SC S/L #8	Point Judith	33
Order	H.S.		SC S/L #9	Boston Neck	35
	--	--	SC S/L #10	Boston Neck	35
	--	--	SC S/L #13	Brenton Pt.	45A
	--	--	SC S/L #14	Brenton Pt.	45A
	--	--	SC S/L #15	Coggeshall Ledge	45B
	--	--	SC S/L #16	Coggeshall Ledge	45B
Admin.	Desk		PSB	Fort Greene	34
BC-3	Order	H.S.	G-2	Beavertail Point	41
(Const.#211)	Intell.	H.S.	G-2	Beavertail Point	41
	Intell.	T.S.	B ¹	Charlestown	31
	--	--	B ²	Green Hill	32
	--	--	B ³	Local	33
	--	--	B ⁴	Boston Neck	35
	--	--	B ⁵	Turtle Hill B.I. 60-3B	
	--	--	B ⁶	Clay Head, B.I. 60-4	
	--	--	P-3	Local	33
	Order	T.S.	37mm Sec.	Local	33
	Range Corr.	T.S.	P-3	Local	33
	Intell.	H.S.	Gun Empl.#1	Local	33
	--	--	Gun Empl.#2	Local	33
	--	T.I.	FSB	Fort Greene	34
Admin.	Wall		PSB	Fort Greene	34
P-3	Pri. Arm.	H.S.	B ¹	Charlestown	31
(Const.#211)	Sec. Arm.	H.S.	B ²	Green Hill	32
	--	--	B ³	Local	33
	--	--	B ⁴	Boston Neck	35
	--	--	B ⁵	Turtle Hill, B.I. 60-3B	
	--	--	B ⁶	Clay Head, B.I. 60-4	
	Spotter	H.S.	S ¹	Charlestown	31
	Spotter	H.S.	S ²	Green Hill	32
	--	--	S ³	Local	33
	--	--	S ⁴	Boston Neck	35

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

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Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation	Purpose	Type	Termination of each Circuit	
of	of	of	Installation	Place : Loc. : Check
Installation	Telephone	Phone	:	: No. : Column
<u>Location No. 33. Site No. 1. Place: Point Judith. (Cont'd.)</u>				
P-3	--	--	S ⁵	Turtle Hill
(Const. #211)	--	--	S ⁶	B.I. 60-3B
	Intell.	H.S.	BC-3	Clay Head B.I. 60-4
	Range Corr.	T.S.	BC-3	Local 33
	Range	H.S.	Gun Emplace.	Local 33
	Azimuth	H.S.	Gun Emplace.	Local 33
	Check back	H.S.	Gun Emplace.	Local 33
	Intell.	H.S.	Magazine	Local 33
	Intell.	T.S.	Power Plant	Local 33
	--	T.I.	FSB	Local 33
	Admin.	Wall	FSB	Fort Greene 34
Emplacement	Azimuth	H.S.	P-3	Local 33
(Const. #211)	Range	H.S.	P-3	Local 33
Gun #1	Check back	T.S.	P-3	Local 33
	Intell.	H.S.	BC-3	Local 33
	--	T.I.	FSB	Local 33
Emplacement	Azimuth	H.S.	P-3	Local 33
(Const. #211)	Range	H.S.	P-3	Local 33
Gun #2	Check back	T.S.	P-3	Local 33
	Intell.	H.S.	BC-3	Local 33
	--	T.I.	FSB	Local 33
Magazine				
(Const. #211)	Intell.	H.S.	P-3	Local 33
Power Plant				
(Const. #211)	Intell.	H.S.	P-3	Local 33
B ₁ ² S ₁ ²	Observer	H.S.	BC-1	Fort Greene 34
	Spotter	H.S.	P-1	Fort Greene 34
(Const. #109)	Reader	H.S.	P-1	Fort Greene 34
	--	T.I.	FSB	Fort Greene 34
B ₂ ⁵ S ₂ ⁵	Observer	H.S.	BC-2	Fort Greene 34
	Spotter	H.S.	P-2	Fort Greene 34
(Const. #108)	Reader	H.S.	P-2	Fort Greene 34
	--	T.I.	FSB	Fort Greene 34
B ₃ ³ S ₃ ³	Observer	H.S.	BC-3	Local 33
	Spotter	H.S.	P-3	Local 33
(Const. #211)	Reader	H.S.	P-3	Local 33
	--	T.I.	FSB	Local 33

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

S E C R E T

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S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :
of :	of :	of :	Installation : Place : Loc. : Check
Installation :	Telephone :	Phone :	: No. : Column

Location No. 33. Site No. 1. Place: Point Judith (Cont'd.)

B ² ₇ S ² ₇ (Const. #213)	Observer	H.S.	BC-7	Beavertail Pt.	41
	Spotter	H.S.	P-7	Beavertail Pt.	41
	Reader	H.S.	P-7	Beavertail Pt.	41
	--	T.I.	FSB	Beavertail Pt.	41
B ² ₈ S ² ₈ (Const. #110)	Observer	H.S.	BC-8	Beavertail Pt.	41
	Spotter	H.S.	P-8	Beavertail Pt.	41
	Reader	H.S.	P-8	Beavertail Pt.	41
	--	T.I.	FSB-8	Beavertail Pt.	41
B ² ₁₁ S ² ₁₁ (Const. #107)	Observer	H.S.	BC-11	Fort Church	47
	Spotter	H.S.	P-11	Fort Church	47
	Reader	H.S.	P-11	Fort Church	47
	--	T.I.	FSB-11	Fort Church	47
B ¹ ₁₃ S ¹ ₁₃ (Const. #212)	Observer	H.S.	BC-13	* Sakonnet Pt.	48
	Spotter	H.S.	P-13	* Sakonnet Pt.	48
	Reader	H.S.	P-13	* Sakonnet Pt.	48
	--	T.I.	FSB-13	* Sakonnet Pt.	48
SC S/L #7	Order	EE8	C-1	Local	33
SC S/L #8	Order	EE8	C-1	Local	33

Note: - All lines from Point Judith routed via FSB
Fort Greene.
(Subterranean Cable to Fort Greene)

Location No. 34. Site No. 1. Place: Fort Greene

BC-1 (Const. #109)	Intell.	H.S.	G-1	Point Judith	33
	Order	H.S.	G-1	Point Judith	33
	Intell.	T.S.	B ¹	Green Hill	32
	--	--	B ²	Point Judith	33
	--	--	B ³	Boston Neck	35
	--	--	B ⁴	Sachuest Pt.	46
	--	--	B ⁵	* Warren Pt.	49
	--	--	B ⁶	Gooseberry Neck	50
	--	--	B ⁷	Beacon Hill, B.I. 60-1	

(* Via FSB Fort Church, Location No. 47)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

S E C R E T

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S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :
of :	of :	of :	Installation : Place : Loc. : Check
Installation :	Telephone :	Phone :	: No. : Column

Location No. 34. Site No. 1. Place: Fort Greene (Cont'd.)

EC-1	--	--	B ⁸	So. West B.I.	60-2
(Const. #109)					
(cont'd.)	--	--	B ⁹	Turtle Hill B.I.	60-3
	--	--	B ¹⁰	Clay Head B.I.	60-4
	--	--	P-1	Local	34
Range Corr.	T.S.		P-1	Local	34
Intell.	H.S.	Gun Emplace.	Local		34
Order	T.S.	37mm Sec.I	Local		34
	--	37mm Sec.II	Local		34
	--	FSB	Local		34
Admin.	Wall	PSB	Local		34
P-1	Pri. Arm.	H.S.	B ¹	Green Hill	32
(Const. #109)					
	Sec. Arm.	H.S.	B ²	Point Judith	33
	--	--	B ³	Boston Neck	35
	--	--	B ⁴	Sachusset Pt.	46
	--	--	B ⁵	* Warren Pt.	49
	--	--	B ⁶	Gooseberry Neck	50
	--	--	B ⁷	Beacon Hill B.I.	60-1
	--	--	B ⁸	So. West B.I.	60-2
	--	--	B ⁹	Turtle Hill B.I.	60-3
	--	--	B ¹⁰	Clay Head	60-4
Spotter	H.S.		S ¹	Green Hill	32
Spotter	H.S.		S ²	Point Judith	33
	--	--	S ³	Boston Neck	35
	--	--	S ⁴	Sachusset Pt.	46
	--	--	S ⁵	* Warren Pt.	49
	--	--	S ⁶	Gooseberry Neck	50

(* Via FSB, Fort Church, Location No. 47)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

S E C R E T

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S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : Place :	Loc. : No. :	Check : Column :
---	----------------------------------	---------------------------	--	-----------------	---------------------

Location No. 34. Site No. 1. Place: Fort Greene (Cont'd.)

P-1 (Const. #109) (cont'd.)	--	--	S ⁷	Beacon Hill B.I.	60-1
	--	--	S ⁸	So. West B.I.	60-2
	--	--	S ⁹	Turtle Hill B.I.	60-3
	--	--	S ¹⁰	Clay Head B.I.	60-4
Intell.	H.S.	BC-1	Local		34
Range Corr.	T.S.	BC-1	Local		34
Azimuth	H.S.	Gun #1	Local		34
Azimuth	H.S.	Gun #2	Local		34
Range	H.S.	Gun #1	Local		34
Range	H.S.	Gun #2	Local		34
Check back	H.S.	Gun #1	Local		34
Check back	H.S.	Gun #2	Local		34
Intell.	T.S.	Magazine #1	Local		34
Intell.	T.S.	Magazine #2	Local		34
Intell.	T.S.	Power Plant	Local		34
Admin.	Wall	PSB	Local		34
--	T.I.	FSB	Local		34
Emplacement (Const. #109) Gun #1	Azimuth	H.S.	P-1	Local	34
	Range	H.S.	P-1	Local	34
	Check back	T.S.	P-1	Local	34
	Intell.	H.S.	BC-1	Local	34
	--	T.I.	FSB	Local	34
Emplacement (Const. #109) Gun #2	Azimuth	H.S.	P-1	Local	34
	Range	H.S.	P-1	Local	34
	Check back	T.S.	P-1	Local	34
	Intell.	H.S.	BC-1	Local	34
	--	T.I.	FSB	Local	34
Magazine (Const. #109)	Intell. #1	H.S.	P-1	Local	34
	Intell. #2	H.S.	P-1	Local	34
Power Plant (Const. #109)	Intell.	H.S.	P-1	Local	34

HS-Head Set, TS-Hand Set, EES-Field Telephone, TI-Time Interval Bell.

S E C R E T

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S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :			
of :	of :	of :	Installation :	Place :	Loc. :	Check
Installation :	Telephone :	Phone :	:	:	No. :	Column
<u>Location No. 34. Site No. 2. Place: Fort Greene</u>						
BC-2 (Const. #108)	Intell.	H.S.	G-1	Point Judith	33	
	Order	H.S.	G-1	Point Judith	33	
	Intell.	T.S.	B ¹	Watch Hill	27	
	--	--	B ²	Noyes Point	28	
	--	--	B ³	Charlestown	31	
	--	--	B ⁴	Green Hill	32	
	--	--	B ⁵	Point Judith	33	
	--	--	B ⁶	Boston Neck	35	
	--	--	B ⁷	Sachuest Pt.	46	
	--	--	B ⁸	* Warren Point	49	
	--	--	B ⁹	Beacon Hill B.I.	60-1	
	--	--	B ¹⁰	So. West B.I.	60-2	
	--	--	B ¹¹	Turtle Hill B.I.	60-3	
	--	--	B ¹²	Clay Head B.I.	60-4	
	--	--	P-2	Local	34	
	Order	T.S.	37mm Sec.I	Local	34	
	--	--	37mm Sec.II	Local	34	
	Range Corr.	T.S.	P-2	Local	34	
	Intell.	H.S.	Gun Emplace.	Local	34	
	--	T.I.	FSB	Local	34	
	Admin.	Wall	PSB	Local	34	
P-2 (Const. #108)	Pri. Arm.	H.S.	B ¹	Watch Hill	27	
	Sec. Arm.	H.S.	B ²	Noyes Point	28	
	--	--	B ³	Charlestown	31	
	--	--	B ⁴	Green Hill	32	
	--	--	B ⁵	Point Judith	33	
	--	--	B ⁶	Boston Neck	35	

(* Via FSB, Fort Church, Location No. 47)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

S E C R E T

S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : Place :	Loc. : No. :	Cheek : Column :
<u>Location No. 34. Site No. 2. Place: Fort Greene (Cont'd.)</u>					
P-2	--	--	B ⁷	Sachuest Pt.	46
(Const. #108)	--	--	B ⁸	* Warren Pt.	49
(cont'd.)	--	--	B ⁹	Beacon Hill B.I.	60-1
	--	--	B ¹⁰	So. West B.I.	60-2
	--	--	B ¹¹	Turtle Hill B.I.	60-3
	--	--	B ¹²	Clay Head B.I.	60-4
Spotter	H.S.		s ¹	Watch Hill	27
Spotter	H.S.		s ²	Noyes Point	28
	--	--	s ³	Charlestown	31
	--	--	s ⁴	Green Hill	32
	--	--	s ⁵	Point Judith	33
	--	--	s ⁶	Boston Neck	35
	--	--	s ⁷	Sachuest Pt.	46
	--	--	s ⁸	* Warren Pt.	49
	--	--	s ⁹	Beacon Hill B.I.	60-1
	--	--	s ¹⁰	So. West B.I.	60-2
	--	--	s ¹¹	Turtle Hill B.I.	60-3
	--	--	s ¹²	Clay Head B.I.	60-4
Intell.	H.S.	BC-2	Local		34
Range Off.	T.S.	BC-2	Local		34
Azimuth	H.S.	Gun Emplace.			
		#1	Local		34
Azimuth	H.S.	Gun Emplace.			
		#2	Local		34
Range	H.S.	Gun Emplace.			
		#1	Local		34

(* Via FSB, Fort Church, Location No. 47)

HS-Head Set, TS-Hand Set, EES-Field Telephone, TI-Time Interval Bell.

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S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : Place :	Loc. : No. :	Check : Column :
<u>Location No. 34. Site No. 2. Place: Fort Greene (Cont'd.)</u>					
P-2 (Const. #108) (cont'd.)	Range	H.S.	Gun Emplace. Local		34
			#2		
	Check back	H.S.	Gun Emplace. Local		34
			#1		
	Check back	H.S.	Gun Emplace. Local		34
			#2		
	Intell.	H.S.	Magazine #1 Local		34
	Intell.	H.S.	Magazine #2 Local		34
Emplacement (Const. #108) Gun #1	Intell.	T.S.	Power Plant Local		34
	Admin.	Wall	PSB Local		34
	--	T.I.	FSB Local		34
	Azimuth	H.S.	P-2 Local		34
	Range	H.S.	P-2 Local		34
Emplacement (Const. #108) Gun #2	Check back	T.S.	P-2 Local		34
	Intell.	H.S.	BC-2 Local		34
	--	T.I.	FSB Local		34
Magazine (Const. #108)	Intell. #1	H.S.	P-2 Local		34
	Intell. #2	H.S.	P-2 Local		34
Power Plant (Const. #108)	Intell.	H.S.	P-2 Local		34
B ₄ ¹ S ₄ ¹ (Btry. House)	Observer	H.S.	BC-4 Boston Neck		35
	Spotter	H.S.	P-4 Boston Neck		35
	Reader	H.S.	P-4 Boston Neck		35
	--	T.I.	FSB Boston Neck		35
B ₉ ¹ S ₉ ¹ (Dickenson)	Admin.	Wall	PSB Local		34
	Observer	H.S.	BC-9 Ft. Wetherill		43
	Spotter	H.S.	P-9 Ft. Wetherill		43
	Reader	H.S.	P-9 Ft. Wetherill		43
B ₁₂ ¹ S ₁₂ ¹ (8" Sakonnet)	--	T.I.	FSB Ft. Wetherill		43
	Observer	H.S.	BC-12 Fort Church		47
	Spotter	H.S.	P-12 Fort Church		47
	Reader	H.S.	P-12 Fort Church		47
	--	T.I.	FSB Fort Church		47

HS-Head Set, TS-Hand Set, EES-Field Telephone, TI-Time Interval Bell.

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Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : Place :	Loc. : No. :	Check : Column :
<u>Location No. 34. Site No. 2. Place: Fort Greene (Cont'd.)</u>					

FSB	Admin.	Desk	PSB	Local	34
	--	--	PSB	Beavertail Pt.	41
	--	--	PSB	Beavertail Pt.	41
	--	--	PSB	Beavertail Pt.	41
AAIS OP #2	Intell.	EE8	ACP	Fort Adams	44

Additional thru lines required to Boston Neck,
Green Hill and Clay Head. (Block Island)

(2) AWS	(2) Sector
(4) Army	(4) Beach Defense
(5) Reinf. Arty.	(4) Coast Guard
(5) AA Reinf. Arty.	(2) Subsector

(Submarine Cable to Boston Neck and Block Island)

Note: FSB and PSB, Fort Greene located in Switchboard
Room, Battery #108 at Location 43, Site #2.

Location No. 35	Site No. 1	Place: Boston Neck			
BC-4 CRF	Intell.	H.S.	G-4	* Prospect Hill	40
(Btry. House)	Order	H.S.	G-4	* Prospect Hill	40
	Intell.	T.S.	B ¹	Fort Greene	34
	--	--	B ²	Local	35
	--	--	P-4	Local	35
	Range	H.S.	P-4	Local	35
	Range Corr.	T.S.	P-4	Local	35
	Order	T.S.	37mm Sec. 1	Local	35
	Intell.	H.S.	Gun Emplace.	Local	35
	--	T.I.	PSB	Local	35
	Admin.	Wall	PSB	Beavertail Pt.	41
P-4					
(Btry. House)	Pri. Arm.	H.S.	B ¹	Fort Greene	34
	Sec. Arm.	H.S.	B ²	Local	35
	--	--	CRF	Local	35
	Spotter	H.S.	S ¹	Fort Greene	34

(* Via Austin Hollow, Location No. 42)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

S E C R E T

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S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : Place :	Loc. : No. :	Check : Column :
<u>Location No. 35. Site No. 1. Place: Boston Neck (Cont'd.)</u>					
P-4 (Btry. House) (cont'd.)	Spotter	H.S.	S ²	Local	35
	Range	H.S.	Gun Emplace.	Local	35
	Asimuth	H.S.	Gun Emplace.	Local	35
	Check back	H.S.	Gun Emplace.	Local	35
	Intell.	H.S.	BC-4	Local	35
	Range Corr.	T.S.	BC-4	Local	35
	--	T.I.	FSB	Local	35
	Admin.	Wall	PSB	Beavertail Pt.	41
Emplacement (Btry. House) Gun #1	Asimuth	H.S.	P-4	Local	35
	Range	H.S.	P-4	Local	35
	Check back	T.S.	P-4	Local	35
	Intell.	H.S.	BC-4	Local	35
	--	T.I.	FSB	Local	35
Emplacement (Btry. House) Gun #2	Asimuth	H.S.	P-4	Local	35
	Range	H.S.	P-4	Local	35
	Check back	T.S.	P-4	Local	35
	Intell.	H.S.	BC-4	Local	35
	--	T.I.	FSB	Local	35
BC-5 & CRF (Armistead)	Intell.	H.S.	G-4	* Prospect Hill	40
	Order	H.S.	G-4	* Prospect Hill	40
	Intell.	T.S.	Gun Emplace.	Local	35
	Range	H.S.	Gun Emplace.	Local	35
Gun Emplace. (Armistead)	Range #1	H.S.	CRF	Local	35
	Range #2	H.S.	CRF	Local	35
	Intell.	H.S.	BC-5	Local	35
B ₁ ³ S ₁ ³ (Const. #109)	Observer	H.S.	BC-1	Fort Greene	34
	Spotter	H.S.	P-1	Fort Greene	34
	Reader	H.S.	P-1	Fort Greene	34
	--	T.I.	FSB	Fort Greene	34
B ₂ ⁶ S ₂ ⁶ (Const. #108)	Observer	H.S.	BC-2	Fort Greene	34
	Spotter	H.S.	P-2	Fort Greene	34
	Reader	H.S.	P-2	Fort Greene	34
	--	T.I.	FSB	Fort Greene	34
B ₃ ⁴ S ₃ ⁴ (Const. #211)	Observer	H.S.	BC-3	** Point Judith	33
	Spotter	H.S.	P-3	** Point Judith	33
	Reader	H.S.	P-3	** Point Judith	33
	--	T.I.	FSB	** Point Judith	33

(* Via Austin Hollow, Location No. 42)

(** Via FSB Fort Greene, Location No. 34)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

S E C R E T

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S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : Place :	Loc. : No. :	Check : Column :
Location No. 35. Site No. 1. Place: Boston Neck (Cont'd.)					
B ² S ² 4 4 (Btry. House)	Observer	H.S.	BC-4	Local	35
	Spotter	H.S.	P-4	Local	35
	Reader	H.S.	P-4	Local	35
	---	T.I.	FSB	Local	35
B ³ S ³ 7 7 (Const. #213)	Observer	H.S.	BC-7	Beavertail Pt.	41
	Spotter	H.S.	P-7	Beavertail Pt.	41
	Reader	H.S.	P-7	Beavertail Pt.	41
	---	T.I.	FSB	Beavertail Pt.	41
B ³ S ³ 8 8 (Const. #110)	Observer	H.S.	BC-8	Beavertail Pt.	41
	Spotter	H.S.	P-8	Beavertail Pt.	41
	Reader	H.S.	P-8	Beavertail Pt.	41
	---	T.I.	FSB	Beavertail Pt.	41
B ² S ² 9 9 (Dickenson)	Observer	H.S.	BC-9	Ft. Wetherill	43
	Spotter	H.S.	P-9	Ft. Wetherill	43
	Reader	H.S.	P-9	Ft. Wetherill	43
	---	T.I.	FSB	Ft. Wetherill	43
B ³ S ³ 11 11 (Const. #107)	Observer	H.S.	BC-11	Fort Church	47
	Spotter	H.S.	P-11	Fort Church	47
	Reader	H.S.	P-11	Fort Church	47
	---	T.I.	FSB	Fort Church	47
B ² S ² 12 12 (8" Sakonnet)	Observer	H.S.	BC-12	Fort Church	47
	Spotter	H.S.	P-12	Fort Church	47
	Reader	H.S.	P-12	Fort Church	47
	---	T.I.	FSB	Fort Church	47
B ² S ² 13 13 (Const. #212)	Observer	H.S.	BC-13 ***	Sakonnet Pt.	48
	Spotter	H.S.	P-13 ***	Sakonnet Pt.	48
	Reader	H.S.	P-13 ***	Sakonnet Pt.	48
	---	T.I.	FSB ***	Sakonnet Pt.	48
FSB	Admin.	Desk	FSB	Beavertail Pt.	41
SC S/L #9	Order	EE8	C-1 **	Point Judith	33
SC S/L #10	Order	EE8	C-1 **	Point Judith	33

(** Via FSB Fort Greene, Location No. 34)
(*** Via FSB Fort Church, Location No. 47)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

S E C R E T

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S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :
of :	of :	of :	Installation : Place ; Loc. : Check
Installation :	Telephone :	Phone :	: No. : Column

Location No. 35. Site No. 1. Place: Boston Neck (Cont'd.)

Additional thru lines required (Fort Greene-
Beavertail Pt.)

(2) AWS	(2) Sector
(4) Army	(4) Beach Defense
(5) Reinf. Arty.	(4) Coast Guard
(5) AA Reinf. Arty.	(2) Subsector

(Submarine Cable to Beavertail Point via Austin Hollow)

Location No. 36. Site No. 1. Place: The Bonnet.

M ¹ 1	Observer	H.S.	MC	* Prospect Hill	40
	Reader	H.S.	MC	* Prospect Hill	40
	--	T.I.	PSB	Hull Cove	41
	Admin.	Wall	PSB	Beavertail Pt.	41

SC S/L #11 Order EE-8 C-3 Prospect Hill 40
(Cable routed via Austin Hollow, Location No. 42)

Location No. 37. Site No. 1. Place: Ft. Kearney.

Magazine Emplace.	Admin. Wall	PSB	Ft. Getty	39
(Btry. House)				

Location No. 38. Site No. 1. Place: Ft. Greble.

Magazine Emplace.	Admin. Wall	PSB	Ft. Getty	39
(Btry. Mitchell)				

Location No. 39. Site No. 1. Place: Ft. Getty.

PSB & PSB	Admin.	Desk	PSB	Ft. Wetherill	43
	--	--	PSB	Ft. Wetherill	43
	--	--	PSB	Ft. Wetherill	43

(Submarine Cable to Fort Greble, Fort Kearney, Fort
Wetherill And Prospect Hill)

(* Via Hull Cove)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

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Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : Place :	Loc. : No. :	Check : Column :
Location No. 40. Site No. 1. Place: Prospect Hill					
C-3 (Mine Gpmt.)	Order	H.S.	SDCP	Beavertail Pt.	41
	Intell.	H.S.	SDCP	Beavertail Pt.	41
	Order	H.S.	HECP	Beavertail Pt.	41
	Intell.	H.S.	HECP	Beavertail Pt.	41
	Order	H.S.	H	Fort Adams	44
	Intell.	H.S.	H	Fort Adams	44
	Order	H.S.	G-4	Local	40
	Intell.	H.S.	G-4	Local	40
	Order	H.S.	G-5	Local	40
	Intell.	H.S.	G-5	Local	40
	Intell.	H.S.	Met. Sta.	Fort Adams	44
	Admin.	Desk	PSB	Fort Getty	39
	Order	H.S.	SC S/L #11	The Bonnet	36
	--	--	SC S/L #12	Ft. Wetherill	43
G-4 (Mine Command)	Order	H.S.	C-3	Local	40
	Intell.	H.S.	C-3	Local	40
	Order	H.S.	BC-4	Boston Neck	35
	Intell.	H.S.	BC-4	Boston Neck	35
	Order	H.S.	BC-5	Boston Neck	35
	Intell.	H.S.	BC-5	Boston Neck	35
	Admin.	Desk	PSB	Fort Getty	39
	Order	H.S.	MC-1	Local	40
	Intell.	H.S.	MC-1	Local	40
G-5 (Mine Command)	Order	H.S.	C-3	Local	40
	Intell.	H.S.	C-3	Local	40
	Order	H.S.	BC-9	Ft. Wetherill	43
	Intell.	H.S.	BC-9	Ft. Wetherill	43
	Order	H.S.	BC-6	Beavertail Pt.	42
	Intell.	H.S.	BC-6	Beavertail Pt.	42
	Order	H.S.	BC-10	Ft. Wetherill	43
	Intell.	H.S.	BC-10	Ft. Wetherill	43
	Order	H.S.	BC-2 Mine Com.	Ft. Wetherill	40
	Intell.	H.S.	BC-2 Mine Com.	Ft. Wetherill	40
	Admin.	Desk	PSB	Ft. Getty	39
BC-1 & P-1 (Mine Command No. 1)	Order	H.S.	G-4	Local	40
	Intell.	H.S.	G-4	Local	40
	Intell.	T.S.	M ¹	The Bonnet	36
	--	--	M ²	Local	40
	--	--	MC	Hull Cove	42
	Pri. Arm.	H.S.	M ¹	The Bonnet	36
Sec. Arm.		H.S.	M ²	Local	40

HS-Head Set, TS-Hand Set, EEB-Field Telephone, TI-Time Interval Bell.

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Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :			
of :	of :	of :	Installation :	Place :	Loc. :	Check
Installation :	Telephone :	Phone :	:	:	No. :	Column

Location No. 40. Site No. 1. Place: Prospect Hill (Cont'd.)

BC-1 & P-1	Fire Order	H.S.	MC	Hull Cove	42
(Mine Command	--	T.I.	FSB	Ft. Wetherill	43
No. 1)	Admin.	Wall	PSB	Ft. Getty	39
(Cont'd.) -					
BC-2 & P-2	Order	H.S.	G-5	Local	40
(Mine Command	Intell.	H.S.	G-5	Local	40
No. 2)	Intell.	T.S.	M ¹	Hull Cove	42
	--	--	M ²	* Castle Hill	45
	--	--	MC	Hull Cove	42
	Pri. Arm.	H.S.	M ¹	Hull Cove	42
	Sec. Arm.	H.S.	M ²	* Castle Hill	45
	Fire Order	H.S.	MC	Hull Cove	42
	--	T.I.	FSB	Ft. Wetherill	43
	Admin.	Wall	PSB	Ft. Getty	44
M ² ₁	Observer	H.S.	BC-1	Local	40
	Reader	H.S.	P-1	Local	40
	--	T.I.	FSB	Ft. Wetherill	43
AAIS OP #4	Intell.	EEB	AACP	Fort Adams	44

(Submarine Cable to Fort Getty)

Note: FSB for Prospect Hill located at Fort Getty,
Location No. 39.

Location No. 41. Site No. 1. Place: Beavertail Point.

S.D.C.P.	Intell.	H.S.	H	Fort Adams	44
	Order	H.S.	H	Fort Adams	44
	Intell.	H.S.	C-1	** Point Judith	33
	Order	H.S.	C-1	** Point Judith	33
	Intell.	H.S.	C-2	*** Warren Pt.	49
	Order	H.S.	C-2	*** Warren Pt.	49
	Intell.	H.S.	C-3	Prospect Hill	40
	Order	H.S.	C-3	Prospect Hill	40
	Intell.	H.S.	HECP	Local	41

(* Via FSB Fort Adams, Location No. 44)
(** Via FSB Fort Greene, Location No. 34)
(*** Via FSB Fort Church, Location No. 47)

HS-Head Set, TS-Hand Set, EEB-Field Telephone, TI-Time Interval Bell.

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H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : :	Place : :	Loc. : No. :	Check : Column :
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Location No. 41. Site No. 1. Place: Beavertail Point (cont'd.)

S.D.C.P.
(Cont'd.)

Order	H.S.	HECP	Local	41
Admin.	Desk	PSB	Local	41
Admin.	Desk	PSB	Local	41
Order	H.S.	SC S/L #27	So. West B.I.	60-2
--	--	SC S/L #28	So. West B.I.	60-2
--	--	SC S/L #29	Turtle Hill B.I.	60-3
--	--	SC S/L #30	Turtle Hill B.I.	60-3
Order	H.S.	SC S/L #31	Clay Head B.I.	60-4
--	--	SC S/L #32	Clay Head B.I.	60-4
--	--	SC S/L #33	Clay Head B.I.	60-4
--	--	SC S/L #34	Clay Head B.I.	60-4

H.E.C.P.

Order	H.S.	SDCP	Local	41
Intell.	H.S.	SDCP	Local	41
Order	H.S.	C-3	Prospect Hill	40
Intell.	H.S.	C-3	Prospect Hill	40
Admin.	Desk	PSB	Local	41

C-2
(Of C-1)

Intell.	H.S.	C-1	* Pt. Judith	33
Order	H.S.	C-1	* Pt. Judith	33
Intell.	H.S.	BC-3	* Pt. Judith	33
Order	H.S.	BC-3	* Pt. Judith	33
Intell.	H.S.	BC-7	Local	41
Order	H.S.	BC-7	Local	41
Admin.	Desk	PSB	Local	41

BC-7
(Const. #213)

Order	H.S.	G-2	Local	41
Intell.	H.S.	G-2	Local	41
Intell.	T.S.	B ¹	Green Hill	32
--	--	B ²	* Pt. Judith	33
--	--	B ³	Boston Neck	35
--	--	B ⁴	Sachuest Pt.	46
--	--	B ⁵	** Warren Pt.	49
--	--	P-7	Local	41
Range Corr.	T.S.	P-7	Local	41
Intell.	H.S.	Gun Emplace.	Local	41
Order	T.S.	37mm. Sec. I	Local	41
--	T.I.	FSB	Local	41
Admin.	Wall	PSB	Local	41

(* Via FSB Fort Greene Location No. 34)
(** Via FSB Fort Church Location No. 47)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

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H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :
of :	of :	of :	Installation : Place : Loc. : Check
Installation :	Telephone :	Phone :	: No. : Column

Location No. 41. Site No. 1. Place: Beavertail Point (Cont'd.)

P-7 (Const.#213)	Pri. Arm.	H.S.	B ¹	Green Hill	32
	Sec. Arm.	H.S.	B ²	* Pt. Judith	33
	--	--	B ³	Boston Neck	35
	--	--	B ⁴	Sachuest Pt.	46
	--	--	B ⁵	** Warren Pt.	49
	Spotter	H.S.	S ¹	Green Hill	32
	Spotter	H.S.	S ²	* Pt. Judith	33
	--	--	S ³	Boston Neck	35
	--	--	S ⁴	Sachuest Pt.	46
	--	--	S ⁵	** Warren Pt.	49
	Range	H.S.	Gun Emplace.	Local	41
	Azimuth	H.S.	Gun Emplace.	Local	41
	Check back	H.S.	Gun Emplace.	Local	41
	Range Corr.	T.S.	BC-7	Local	41
	Intell.	H.S.	BC-7	Local	41
	Intell.	H.S.	Mg.	Local	41
	Intell.	T.S.	Power Plant	Local	41
	--	T.I.	FSB	Local	41
	Admin.	Wall	PSB	Local	41
Gun Emplace. (Const.#213) Gun No. 1	Azimuth	H.S.	P-7	Local	41
	Range	H.S.	P-7	Local	41
	Check back	T.S.	P-7	Local	41
	Intell.	H.S.	BC-7	Local	41
	--	T.I.	FSB	Local	41
Gun Emplace. (Const.#213) Gun No. 2	Azimuth	H.S.	P-7	Local	41
	Range	H.S.	P-7	Local	41
	Check back	T.S.	P-7	Local	41
	Intell.	H.S.	BC-7	Local	41
	--	T.I.	FSB	Local	41

(* Via FSB Fort Greene Location No. 34)

(** Via FSB Fort Church Location No. 47)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

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H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :
of :	of :	of :	Installation : Place : Loc. : Check
Installation :	Telephone :	Phone :	: No. : Column

Location No. 41. Site No. 1. Place: Beavertail Point (Cont'd.)

Magazine (Const.#213)	Intell.	H.S.	P-7	Local	41
Power Plant (Const.#213)	Intell.	H.S.	P-7	Local	41
BC-8 (Const.#110)	Order	H.S.	G-1	* Pt. Judith	33
	Intell.	H.S.	G-1	* Pt. Judith	33
	Intell.	T.S.	B ¹	Green Hill	32
	--	--	B ²	* Pt. Judith	33
	--	--	B ³	Boston Neck	35
	--	--	B ⁴	Sachuest Pt.	46
	--	--	B ⁵	** Warren Pt.	49
	--	--	B ⁶	Gooseberry	50
	--	--	B ⁷	Neck Cuttyhunk Island	57
	--	--	B ⁸	Beacon Hill B.I.	60-1
	--	--	B ⁹	Turtle Hill B.I.	60-3
	--	--	B ¹⁰	Clay Head B.I.	60-4
	--	--	P-8	Local	41
	Order	T.S.	37mm. Sec.I	Local	41
	--	--	37mm. Sec.II	Local	41
	Range Corr.	T.S.	P-8	Local	41
	Intell.	H.S.	Gun Emplace.	Local	41
	--	T.I.	FSB	Local	41
	Admin.	Wall	PSB	Local	41
P-8 (Const.#110)	Pri. Arm.	H.S.	B ¹	Green Hill	32
	Sec. Arm.	H.S.	B ²	* Pt. Judith	33
	--	--	B ³	Boston Neck	35
	--	--	B ⁴	Sachuest Pt.	46
	--	--	B ⁵	** Warren Pt.	49

(* Via FSB Fort Greene Location No. 34)
(** Via FSB Fort Church Location No. 47)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

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Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation of Installation	Purpose of Telephone	Type of Phone	Termination of each Circuit Installation	Place	Loc.	Check No.	Column
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Location No. 41. Site No. 1. Place; Beavertail Point (Cont'd.)

P-8 (Const.#110) (Cont'd.)	--	--	B ⁶	Gooseberry Neck	50		
	--	--	B ⁷	Cuttyhunk Is.	57		
	--	--	B ⁸	Beacon Hill B.I.	60-1		
	--	--	B ⁹	Turtle Hill B.I.	60-3		
	--	--	B ¹⁰	Clay Head B.I.	60-4		
Spotter	H.S.		S ¹	Green Hill	32		
Spotter	H.S.		S ²	* Pt. Judith	33		
	--	--	S ³	Boston Neck	35		
	--	--	S ⁴	Sachuest Pt.	46		
	--	--	S ⁵	** Warren Pt.	49		
	--	--	S ⁶	Gooseberry Neck	50		
	--	--	S ⁷	Cuttyhunk Is.	57		
	--	--	S ⁸	Beacon Hill B.I.	60-1		
	--	--	S ⁹	Turtle Hill B.I.	60-3		
	--	--	S ¹⁰	Clay Head B.I.	60-4		
Azimuth	H.S.	Gun Empl.#1		Local	41		
Azimuth	H.S.	Gun Empl.#2		Local	41		
Range	H.S.	Gun Empl.#1		Local	41		
Range	H.S.	Gun Empl.#2		Local	41		
Check back	H.S.	Gun Empl.#1		Local	41		
Check back	H.S.	Gun empl.#2		Local	41		
Intell.	H.S.	BC-8		Local	41		
Range Off.	T.S.	BC-8		Local	41		
Intell.	T.S.	Magazine #1		Local	41		
Intell.	T.S.	Magazine #2		Local	41		
Intell.	T.S.	Power Plant		Local	41		
	T.I.	FSB		Local	41		
Admin.	Wall	PSB		Local	41		

(* Via FSB Fort Greene Location No. 34)
(** Via FSB Fort Church Location No. 47)

HS-Head Set, TS-Hand Set, EEB-Field Telephone, TI-Time Interval Bell.

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Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : Place :	Loc. : No. :	Check : Column :
Location No. 41. Site No. 1. Place: Beavertail Point (Cont'd.)					
Gun Emplace. (Const.#110)	Azimuth Range	H.S. H.S.	P-8 P-8	Local Local	41 41
Gun No.1	Check back Intell.	T.S. H.S.	P-8 BC-8	Local Local	41 41
	--	T.I.	FSB	Local	41
Gun Emplace. (Const.#110)	Azimuth Range	H.S. H.S.	P-8 P-8	Local Local	41 41
Gun No.2	Check back Intell.	T.S. H.S.	P-8 BC-8	Local Local	41 41
	--	T.I.	FSB	Local	41
Magazine (Const.#110)	Intell.#1 Intell.#2	H.S. H.S.	P-8 P-8	Local Local	41 41
Power Plant (Const.#110)	Intell.	H.S.	P-8	Local	41
BC-6 & CRF (Btry. Whiting)	Order Intell.	H.S. H.S.	G-5 G-5	Prospect Hill Prospect Hill	40 40
	Intell. Range	T.S. H.S.	Gun Emplace. Gun Emplace.	Local Local	41 41
Gun Emplace. (Btry. Whiting)	Range #1 Range #2	H.S. H.S.	CRF CRF	Local Local	41 41
	Intell.	H.S.	BC-6	Local	41
FSB	Admin.	Desk	PSB	Fort Getty	39
	--	--	PSB	Fort Getty	39
	--	--	PSB	Fort Getty	39
	--	--	PSB	Fort Getty	39

Additional thru lines required (Boston Neck-Fort Wetherill)

(2) AWS	(2) Sector
(4) Army	(4) Beach Defense
(5) Reinf. Arty.	(4) Coast Guard
(5) AA Reinf. Arty.	(2) Subsector

(Submarine Cable to Prospect Hill, The Bonnet and Boston Neck)

FSB and PSB for Beavertail Point to be located in switch-board Room of Battery Const. No. 110. Cables to Beavertail Point to be routed via Austin Hollow and Hull Cove.

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

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H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :
of :	of :	of :	Installation : Place : Loc. : Check
Installation :	Telephone :	Phone :	: No. : Column

Location No. 42. Site No. 1. Place: Hull Cove.

M ¹ 2	Mine Casemate	Intell.	H.S.	BC-1	Prospect Hill	40
		Intell.	H.S.	BC-2	Prospect Hill	40
		Fire Order	H.S.	P-1	Prospect Hill	40
		Fire Order	H.S.	P-2	Prospect Hill	40
		--	T.I.	FSB	* Ft. Wetherill	43
		Admin.	Wall.	PSB	Beavertail Pt.	41
		Observer	H.S.	BC-2	Prospect Hill	40
		Reader	H.S.	P-2	Prospect Hill	40
		--	T.I.	FSB	Ft. Wetherill	43
		Admin.	Wall	PSB	Beavertail Pt.	41

FSB for Hull Cove located at Beavertail Point, Battery
Const. No. 110.

(Subterranean Cable to Beavertail Point)

Fire Control Switchboard Room to be located in Mine Case-
ment. To serve as Switching Station for all cables entering Hull
Cove and Austin Hollow.

Location No. 43. Site No. 1. Place: Fort Wetherill.

BC-9 CRF (Dickenson)	Order	H.S.	G-5	Prospect Hill	40
	Intell.	H.S.	G-5	Prospect Hill	40
	Intell.	T.S.	B ¹	Ft. Greene	34
	--	--	B ²	Boston Neck	35
	--	--	P-9	Local	43
	Intell.	H.S.	Gun Emplace.	Local	43
	Range Corr.	T.S.	P-9	Local	43
	Range	H.S.	P-9	Local	43
	Order	T.S.	37mm Sec.I	Local	43
	--	T.I.	FSB	Local	43
P-9 (Dickenson)	Admin.	Wall	PSB	Local	43
	Pri. Arm.	H.S.	B ¹	Fort Greene	34
	Sec. Arm.	H.S.	B ²	Boston Neck	35
	--	--	CRF	Local	43
	Spotter	H.S.	S ¹	Fort Greene	34
	Spotter	H.S.	S ²	Boston Neck	35
	Range	H.S.	Gun Emplace.	Local	43

(* Via FSB Fort Getty Location No. 39)

HS-Head Set, TS-Hand Set, EEB-Field Telephone, TI-Time Interval Bell.

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Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : Place :	Loc. : No. :	Check : Column :
<u>Location No. 43. Site No. 1. Place: Fort Wetherill (Cont'd.)</u>					
P-9 (Dickenson) (cont'd.)	Azimuth	H.S.	Gun Emplace.	Local	43
	Check back	H.S.	Gun Emplace.	Local	43
	Range Corr.	T.S.	BC-9	Local	43
	Intell.	H.S.	BC-9	Local	43
	Intell.	H.S.	Magazine	Local	43
	Intell.	T.S.	Power Plant	Local	43
	—	T.I.	FSB	Local	43
Gun Emplace. (Dickenson) Gun No.1	Admin.	Wall	PSB	Local	43
	Azimuth	H.S.	P-9	Local	43
	Range	H.S.	P-9	Local	43
	Check back	T.S.	P-9	Local	43
	Intell.	H.S.	BC-9	Local	43
Gun Emplace. (Dickenson) Gun No.2	—	T.I.	FSB	Local	43
	Azimuth	H.S.	P-9	Local	43
	Range	H.S.	P-9	Local	43
	Check back	T.S.	P-9	Local	43
	Intell.	H.S.	BC-9	Local	43
	—	T.I.	FSB	Local	43
	Admin.	Desk	PSB	Fort Adams	44
FSB	Admin.	Desk	PSB	Fort Adams	44
	Admin.	Desk	PSB	Fort Adams	44
Magazine (Dickenson)	Intell.	H.S.	P-9	Local	43
Power Plant (Dickenson)	Intell.	H.S.	P-9	Local	43
BC-10 & CRF (Crittendon)	Order	H.S.	G-5	Prospect Hill	40
	Intell.	H.S.	G-5	Prospect Hill	40
	Intell.	T.S.	Gun Emplace.	Local	43
	Range	H.S.	Gun Emplace.	Local	43
Gun Emplace. (Crittendon)	Range #1	H.S.	CRF	Local	43
	Range #1	H.S.	CRF	Local	43
	Intell.	H.S.	BC-10	Local	43
Tide Station	Admin.	Wall	PSB	Local	43
Mine Loading Room	Admin.	Wall	PSB	Local	43

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

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H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation : Telephone :	Purpose : of : Phone :	Type : of : Phone :	Termination of each Circuit : Installation : Place : Loc. : No. :	Check : Column :
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Location No. 43. Site No. 1. Place: Fort Wetherill (Cont'd.)

SC S/L #12F	Order	EE8	C-3	Prospect Hill	40
BC AA S/L	Order	EE8	AACP	Fort Adams	44
BC AA Btry. #3	Order	EE8	G-6	Fort Adams	44

Additional thru lines required (Beavertail Pt.-
Fort Church)

(2) AWS	(2) Sector
(4) Army	(4) Beach Defense
(5) Reinf. Arty.	(4) Coast Guard
(5) AA Reinf. Arty.	(2) Subsector

Additional thru lines required to Fort Adams.

(2) AWS	(2) Sector
(4) Army	(4) Beach Defense
(5) Reinf. Arty.	(4) Coast Guard
(5) AA Reinf. Arty.	(2) Subsector

(Submarine Cable to Fort Getty and Fort Adams)

Location No. 44. Site No. 1. Place: Fort Adams.

H-Station & AACP	Order	H.S.	SDCP	Beavertail Pt.	41
	Intell.	H.S.	SDCP	Beavertail Pt.	41
	Order	H.S.	HECP	Beavertail Pt.	41
	Intell.	H.S.	HECP	Beavertail Pt.	41

Additional thru lines required in H-Station

(2) AWS	(2) Sector
(4) Army	(4) Beach Defense
(5) Reinf. Arty.	(4) Coast Guard
(5) AA Reinf. Arty.	(2) Subsector

Admin.	Desk	PSB	Local	44
Admin.	Desk	PSB	Local	44
Order	H.S.	G-6	Local	44
Intel l.	H.S.	G-6	Local	44
AAIS	H.S.	AAIS OP #1	Charlestown	31
--	--	AAIS OP #2	Fort Greene	34
--	--	AAIS OP #3	Fort Kearney	37A
--	--	AAIS OP #4	*Prospect Hill	40

(* Via FSB Fort Getty Location No. 39)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

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Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :
of :	of :	of :	Installation : Place : Loc. : Check
Installation :	Telephone :	Phone :	: No. : Column

Location No. 44. Site No. 1. Place: Fort Adams (Cont'd.)

H-Station & AACP	-- -- Intell -- -- -- -- -- Intell. Order	-- -- H.S. -- -- -- -- -- H.S. H.S.	AAIS OP #5 AAIS OP #6 AAIS OP #7 ** AAIS OP #8 AAIS OP #9 AAIS OP #10 AAIS OP #11 AAIS OP #12 BC-AA S/L BC-AA S/L	Local Local Warren Point Gooseberry Neck Cuttyhunk Is. Gay Head Gay Head Beacon Hill B.I. Local Ft. Wetherill	44A 44B 48 50 57 59 59B 60-1 44 43
G-6	Order Intell. Order Intell. Order Intell. Intell. Admin.	H.S. H.S. H.S. H.S. H.S. H.S. H.S. Wall	AACP AACP BC-AA Btry. #3 BC-AA Btry. #3 BC-AA Btry. #4 BC-AA Btry. #4 Met. Station PSB	Local Local Ft. Wetherill Ft. Wetherill Local Local Local Local	44 44 43 43 44 44 44 44
Meteorological Station	Intell. -- -- -- Admin.	H.S. -- -- -- Desk	C-1 C-2 C-3 G-6 PSB	* Prospect Hill ** Warren Point *** Point Judith Local Local	40 48 33 44 44
Tide Station	Admin.	Wall	PSB	Local	44

Additional thru lines required to Fort Wetherill

(2) AWS	(2) Sector
(4) Army	(4) Beach Defense
(5) Reinf. Arty.	(4) Coast Guard
(5) AA Reinf. Arty.	(2) Subsector

(Submarine cable to Fort Wetherill and Castle Hill)

(* Via FSB Fort Getty Location No. 39)
 (** Via FSB Fort Church Location No. 47)
 (***) Via FSB Fort Greene Location No. 34)

HS-Head Set, TS-Hand Set, EES-Field Telephone, TI-Time Interval Bell.

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H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :
of :	of :	of :	Installation : Place : Loc. : Check
Installation :	Telephone :	Phone :	: No. : Column

Location No. 45. Site No. 1. Place: Castle Hill.

M ² ₂	Observer	H.S.	BC-(2M.C.)	*Prospect Hill	40
	Reader	H.S.	BC-(2M.C.)	Prospect Hill	40
SC S/L #13 (Brenton Pt.)	--	T.I.	FSB	Ft. Wetherill	43
	Admin.	Wall	PSB	Ft. Adams	44
	Order	EE-8	C-1	**Pt. Judith	33
	Order	EE-8	C-1	**Pt. Judith	33
SC S/L #14 (Brenton Pt.)	Order	EE-8	C-1	**Pt. Judith	33
	Order	EE-8	C-1	**Pt. Judith	33
SC S/L #15 (Coggeshall)	Order	EE-8	C-1	**Pt. Judith	33
	Order	EE-8	C-1	**Pt. Judith	33
(Submarine Cable to Ft. Adams)					

Location No. 46. Site No. 1. Place: Sachuest Point.

B ⁴ S ⁴ 1 1 (Constr.#109)	Observer	H.S.	BC-1	Fort Greene	34
	Reader	H.S.	P-1	Fort Greene	34
	Spotter	H.S.	P-1	Fort Greene	34
	--	T.I.	FSB	Fort Greene	34
B ⁷ S ⁷ 2 2 (Constr.#108)	Observer	H.S.	BC-2	Fort Greene	34
	Reader	H.S.	P-2	Fort Greene	34
	Spotter	H.S.	P-2	Fort Greene	34
	--	T.I.	FSB	Fort Greene	34
B ⁴ S ⁴ 7 7 (Constr.#213)	Observer	H.S.	BC-7	Beavertail Pt.	41
	Reader	H.S.	P-7	Beavertail Pt.	41
	Spotter	H.S.	P-7	Beavertail Pt.	41
	--	T.I.	FSB	Beavertail Pt.	41
B ⁴ S ⁴ 8 8 (Constr.#110)	Observer	H.S.	BC-8	Beavertail Pt.	41
	Reader	H.S.	P-8	Beavertail Pt.	41
	Spotter	H.S.	P-8	Beavertail Pt.	41
	--	T.I.	FSB	Beavertail Pt.	41
B ⁴ S ⁴ 11 11 (Btry. Gray)	Observer	H.S.	BC-11	Fort Church	47
	Reader	H.S.	P-11	Fort Church	47
	Spotter	H.S.	P-11	Fort Church	47
	--	T.I.	FSB	Fort Church	47
	Admin.	Wall	PSB	Fort Church	47
B ³ S ³ 12 12 (8" Sakonnet)	Observer	H.S.	BC-12	Fort Church	47
	Reader	H.S.	P-12	Fort Church	47
	Spotter	H.S.	P-12	Fort Church	47
	--	T.I.	FSB	Fort Church	47

(* Via FSB, Fort Getty Location No. 39)

(**Via FSB, Fort Greene, Location No. 34)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

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Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :
of :	of :	of :	Installation : Place : Loc. : Check
Installation :	Telephone :	Phone :	: No. : Column

Location No. 46. Site No. 1. Place: Sachuest Point (Cont'd.)

B ³ S ³	Observer	H.S.	BC-13	* Sakonnet Pt.	48
13 13	Reader	H.S.	P-13	* Sakonnet Pt.	48
(Const. #212)	Spotter	H.S.	P-13	* Sakonnet Pt.	48
--	--	T.I.	FSB	* Sakonnet Pt.	48
SC S/L #17	Order	EE8	C-2	* Warren Pt.	49
SC S/L #18	Order	EE8	C-2	* Warren Pt.	49

Additional thru lines required to Fort Church

(2) AWS	(2) Sector
(4) Army	(4) Coast Guard
(5) Reinf. Arty.	(4) Beach Defense
(5) AA Reinf. Arty.	(2) Subsector
(Submarine Cable to Fort Church)	

Location No. 47. Site No. 1. Place: Fort Church

BC-11					
(Btry. Gray)	Order	H.S.	C-2	Warren Pt.	49
	Intell.	H.S.	C-2	Warren Pt.	49
	Intell.	T.S.	B ¹	Green Hill	31
	--	--	B ²	** Pt. Judith	33
	--	--	B ³	Boston Neck	35
	--	--	B ⁴	Sachuest Pt.	46
	--	--	B ⁵	Warren Pt.	49
	--	--	B ⁶	Gooseberry Neck	50
	--	--	B ⁷	Cuttyhunk Is.	57
	--	--	B ⁸	Gay Head	59
	--	--	B ⁹	Turtle Hill, B.I.	60-3
	--	--	B ¹⁰	Clay Head, B.I.	60-4
	--	--	P-11	Local	47
	Intell.	H.S.	Gun Emplace.	Local	47
	Range Corr.	T.S.	P-11	Local	47
	Order	T.S.	37mm Sec. I	Local	47
	--	--	37mm Sec. II	Local	47
	--	T.I.	FSB	Local	47
	Admin.	Wall	PSB	Local	47

(* Via FSB Fort Church Location No. 47)
(** Via FSB Fort Greene, Location No. 44)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

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H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : Place : Loc. : No. :	Check : Column :
Location No. 47. Site No. 1. Place: Fort Church (Cont'd.)				
P-11	Pri.Arm.	H.S.	B ¹ Green Hill	31
(Btry Gray)	Sec.Arm.	H.S.	B ² * Point Judith	33
	--	--	B ³ Boston Neck	35
	--	--	B ⁴ Sachuest Pt.	46
	--	--	B ⁵ Warren Pt.	49
	--	--	B ⁶ Gooseberry Neck	50
	--	--	B ⁷ Cuttyhunk Is.	57
	--	--	B ⁸ Gay Head	59
	--	--	B ⁹ Turtle Hill, B.I. 60-3	
	--	--	B ¹⁰ Clay Head, B.I. 60-4	
	Spotter	H.S.	S ¹ Green Hill	31
	--	--	S ² * Point Judith	33
	--	--	S ³ Boston Neck	35
	--	--	S ⁴ Sachuest Pt.	46
			S ⁵ Warren Pt.	49
			S ⁶ Gooseberry Neck	50
			S ⁷ Cuttyhunk Is.	57
			S ⁸ Gay Head	59
			S ⁹ Turtle Hill, B.I. 60-3	
			S ¹⁰ Clay Head, B.I. 60-4	
Intell.	H.S.	BC-11	Local	47
Range Corr.	T.S.	BC-11	Local	47
Azimuth	H.S.	Gun Empl #1	Local	47
Azimuth	H.S.	Gun Empl #2	Local	47
Range	H.S.	Gun Empl #1	Local	47
Range	H.S.	Gun Empl #2	Local	47

(* Via FSB Fort Greene, Location No. 34)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

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H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : Place :	Loc. : No. :	Check : Column :
Location No. 47. Site No. 1. Place: Fort Church (Cont'd.)					
P-11	Check Back	H.S.	Gun Empl #1 Local		47
(Btry Gray)	Check Back	H.S.	Gun Empl #2 Local		47
(Cont'd.)	Intell.	H.S.	Magazine #1 Local		47
	Intell	H.S.	Magazine #2 Local		47
	Intell	T.S.	Power Plant Local		47
	--	T.I.	FSB Local		47
	Admin.	Wall	PSB Local		47
Emplace.	Azimuth	H.S.	P-11 Local		47
(Btry Gray)	Range	H.S.	P-11 Local		47
Gun No. 1	Intell.	H.S.	BC-11 Local		47
	Check Back	T.S.	P-11 Local		47
	--	T.I.	FSB Local		47
Emplace.	Azimuth	H.S.	P-11 Local		47
(Btry Gray)	Range	H.S.	P-11 Local		47
Gun No. 2	Intell.	H.S.	BC-11 Local		47
	Check Back	T.S.	P-11 Local		47
	--	T.I.	FSB Local		47
Magazine	Intell. #1	H.S.	P-11 Local		47
(Btry Gray)	Intell. #2	H.S.	P-11 Local		47
Power Plant	Intell.	H.S.	P-11 Local		47
(Btry Gray)					
FSB & PSB	Admin.	Desk	PSB Fort Getty		39
	--	--	PSB Fort Getty		39
	--	--	PSB Fort Getty		39
	--	--	PSB Fort Getty		39
Location No. 47. Site No. 2. Place: Fort Church.					
BC-12	Order	H.S.	G-3 Warren Pt.		49
(8" Sakonnet)	Intell.	H.S.	G-3 Warren Pt.		49
	Intell.	T.S.	B ¹ Fort Greene		34
	--	--	B ² Boston Neck		35
	--	--	B ³ Sachuest Pt.		46
	--	--	B ⁴ Warren Pt.		49
	--	--	B ⁵ Gooseberry Neck		50

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

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H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :
of :	of :	of :	Installation : Place : Loc. : Check
Installation :	Telephone :	Phone :	No. : Column

Location No. 47. Site No. 2. Place: Fort Church (Cont'd.)

BC-12	--	--	B ⁶	Cuttyhunk Is.	57
(8" Sakonnet)	--	--	P-12	Local	47
(cont'd.)	Range Corr.	T.S.	P-12	Local	47
	Intell.	H.S.	Gun Emplace.	Local	47
	Order	T.S.	37mm Sec. I	Local	47
	--	T.I.	FSB	Local	47
	Admin.	Wall	PSB	Local	47
	Pri. Arm.	H.S.	B ¹	Fort Greene	34
	Sec. Arm.	H.S.	B ²	Boston Neck	35
	--	--	B ³	Sachuest Pt.	46
	--	--	B ⁴	Warren Pt.	49
	--	--	B ⁵	Gooseberry Neck	50
	--	--	B ⁶	Cuttyhunk Is.	57
	Intell.	H.S.	BC-12	Local	47
	Range Corr.	T.S.	BC-12	Local	47
	Azimuth	H.S.	Gun Emplace.	Local	47
	Range	H.S.	Gun Emplace.	Local	47
	Check back	H.S.	Gun Emplace.	Local	47
	Intell.	H.S.	Magazine	Local	47
	Intell.	T.S.	Power Plant	Local	47
	--	T.I.	FSB	Local	47
	Admin.	Wall	PSB	Local	47
Emplace.	Azimuth	H.S.	P-12	Local	47
(8" Sakonnet)	Range	H.S.	P-12	Local	47
Gun No. 1	Intell.	H.S.	BC-12	Local	47
	Check back	T.S.	P-12	Local	47
	--	T.I.	FSB	Local	47
Emplace.	Azimuth	H.S.	P-12	Local	47
(8" Sakonnet)	Range	H.S.	P-12	Local	47
Gun No. 2	Intell.	H.S.	BC-12	Local	47
	Check back	T.S.	P-12	Local	47
	--	T.I.	FSB	Local	47
Magazine	Intell.	H.S.	P-12	Local	47
(8" Sakonnet)					
Power Plant	Intell.	H.S.	P-12	Local	47
(8" Sakonnet)					

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

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H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :
of :	of :	of :	Installation : Place : Loc. : Check
Installation :	Telephone :	Phone :	: No. : Column

Location No. 47. Site No. 2. Place: Fort Church (Cont'd.)

Additional thru lines required (Beavertail Pt.-
Gooseberry Neck)

(2) AWS	(2) Sector
(4) Army	(4) Beach Defense
(5) Reinf. Arty.	(4) Coast Guard
(5) AA Reinf. Arty.	(2) Subsector
(Submarine cable to Gooseberry Neck)	

Additional thru lines required to Sachuest Point:

(2) AWS	(2) Sector
(4) Army	(4) Beach Defense
(5) Reinf. Arty.	(4) Coast Guard
(5) AA Reinf. Arty.	(2) Subsector
(Submarine Cable to Sachuest Point)	

Note: FSB and PSB for Fort Church, Warren Point,
and Sakonnet Point to be located in switch-
board Room Battery Gray.

Location No. 48. Site No. 1. Place: Sakonnet Point

BC-13	Order	H.S.	G-3	Warren Point	49
(Const. #212)	Intell.	H.S.	G-3	Warren Point	49
	Intell.	T.S.	B ¹	* Point Judith	33
	--	--	B ²	Boston Neck	35
	--	--	B ³	Sachuest Pt.	46
	--	--	B ⁴	Warren Point	49
	--	--	B ⁵	Gooseberry Neck	50
	--	--	B ⁶	Cuttyhunk Is.	57
	--	--	P-13	Local	48
	Range Corr.	T.S.	P-13	Local	48
	Order	T.S.	37mm Sec.I	Local	48
	Intell.	H.S.	Gun Emplace.	Local	48
	--	T.I.	FSB	Local	48
	Admin.	Wall	PSB	Fort Church -	47
P-13	Pri. Arm.	H.S.	B ¹	* Point Judith	33
(Const. #212)	Sec. Arm.	H.S.	B ²	Boston Neck	35

(* Via FSB-PSB Fort Greene, Location No. 34)

HS-Head Set, TS-Hand Set, EEB-Field Telephone, TI-Time Interval Bell.

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H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : Place :	Loc. : No. :	Check : Column :
Location No. 48. Site No. 1. Place: Sakonnet Point Cont'd.					
P-13 (Const.#212) (Cont'd.)	--	--	B ³	Sachuest Point	46
	--	--	B ⁴	Warren Point	49
	--	--	B ⁵	Gooseberry Neck	50
	--	--	B ⁶	Cuttyhunk Is.	57
Spotter	H.S.		S ¹	* Point Judith	33
	--	--	S ²	Boston Neck	35
	--	--	S ³	Sachuest Point	46
	--	--	S ⁴	Warren Point	49
	--	--	S ⁵	Gooseberry Neck	50
	--	--	S ⁶	Cuttyhunk Is.	57
Range Corr.	T.S.		BC-13	Local	48
Intell.	H.S.		BC-13	Local	48
Azimuth	H.S.		Gun Emplace.	Local	48
Range	H.S.		Gun Emplace.	Local	48
Check back	H.S.		Gun Emplace.	Local	48
Intell.	H.S.		Magazine	Local	48
Intell.	T.S.		Power Plant	Local	48
--	T.I.		FSB	Local	48
Admin.	Wall		PSB	Fort Church	47
Gun Emplace. (Const.#212)	Azimuth	H.S.	P-13	Local	48
Gun No. 1	Range	H.S.	P-13	Local	48
	Intell.	H.S.	BC-13	Local	48
	Check back	T.S.	P-13	Local	48
	--	T.I.	FSB	Local	48
Gun Emplace. (Const.#212)	Azimuth	H.S.	P-13	Local	48
Gun No. 2	Range	H.S.	P-13	Local	48
	Intell.	H.S.	BC-13	Local	48
	Check back	T.S.	P-13	Local	48
	--	T.I.	FSB	Local	48
Magazine (Const.#212)	Intell.	H.S.	P-13	Local	48
Power Plant (Const.#212)	Intell.	H.S.	P-13	Local	48

(* Via FSB-PSB Fort Greene, Location No. 34)

HS-Head Set, TS-Hand Set, EEB-Field Telephone, TI-Time Interval Bell.

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Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :
of :	of :	of :	Installation : Place : Loc. : Check
Installation :	Telephone :	Phone :	: No. : Column

Location No. 48. Site No. 1. Place: Sakonnet Point Cont'd.

SC S/L #19	Order	EE8	C-2	Warren Point	49
SC S/L #20	Order	EE8	C-2	Warren Point	49

Note: FSB for Sakonnet Point located in Switchboard
Room Battery Gray, Fort Church, Location No. 47.
(Subterranean Cable to Fort Church)

Location No. 49. Site No. 1. Place: Warren Point

C-2	Order	H.S.	SDCP	Beavertail Point	41
	Intell.	H.S.	SDCP	Beavertail Point	41
	Order	H.S.	G-3	Local	41
	Intell.	H.S.	G-3	Local	41
	Order	H.S.	BC-11	Fort Church	47
	Intell.	H.S.	BC-11	Fort Church	47
	Intell.	H.S.	Met.Sta.	Fort Adams	44
	Admin.	Desk	PSB	Fort Church	47
	Order	H.S.	SC S/L #17	Sachuest Point	46
	--	--	SC S/L #18	Sachuest Point	46
	--	--	SC S/L #19	Sakonnet Point	48
	--	--	SC S/L #20	Sakonnet Point	48
	--	--	SC S/L #21	Gooseberry Neck	50
	Order	H.S.	SC S/L #22	Gooseberry Neck	50
	--	--	SC S/L #23	Cuttyhunk Is.	57
	--	--	SC S/L #24	Cuttyhunk Is.	57
--	--	SC S/L #25	Gay Head	59	
--	--	SC S/L #26	Gay Head	59	
G-3	Order	H.S.	C-2	Local	49
	Intell.	H.S.	C-2	Local	49
	Order	H.S.	BC-12	Fort Church	47
	Intell.	H.S.	BC-12	Fort Church	47
	Order	H.S.	BC-13	Sakonnet Point	48
	Intell.	H.S.	BC-13	Sakonnet Point	48
	Admin.	Desk	PSB	Fort Church	47
B ⁵ S ⁵ 1 1 (Const.#109)	Observer	H.S.	BC-1	Fort Greene	34
	Reader	H.S.	P-1	Fort Greene	34
	Spotter	H.S.	P-1	Fort Greene	34
	--	T.I.	FSB	Fort Greene	34
B ⁸ S ⁸ 2 2 (Const.#108)	Observer	H.S.	BC-2	Fort Greene	34
	Reader	H.S.	P-2	Fort Greene	34
	Spotter	H.S.	P-2	Fort Greene	34

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

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H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :			
of :	of :	of :	Installation :	Place :	Loc. :	Check
Installation :	Telephone :	Phone :	:	:	No. :	Column

Location No. 49. Site No. 1. Place: Warren Point Cont'd.

B ₂ ⁸ S ₂ ⁸ (Const.#108) (Cont'd.)	—	T.I.	FSB	Fort Greene	34
	Admin.	Wall	PSB	Fort Church	47
B ₇ ⁵ S ₇ ⁵ (Const.#213)	Observer	H.S.	BC-7	Beavertail Point	41
	Reader	H.S.	P-7	Beavertail Point	41
	Spotter	H.S.	P-7	Beavertail Point	41
	—	T.I.	FSB	Beavertail Point	41
B ₈ ⁵ S ₈ ⁵ (Const.#110)	Observer	H.S.	BC-8	Beavertail Point	41
	Reader	H.S.	P-8	Beavertail Point	41
	Spotter	H.S.	P-8	Beavertail Point	41
	—	T.I.	FSB	Beavertail Point	41
B ₁₁ ⁵ S ₁₁ ⁵ (Battery Gray)	Observer	H.S.	BC-11	Fort Church	47
	Reader	H.S.	P-11	Fort Church	47
	Spotter	H.S.	P-11	Fort Church	47
	—	T.I.	FSB	Fort Church	47
B ₁₂ ⁴ S ₁₂ ⁴ (8" Sakonnet)	Observer	H.S.	BC-12	Fort Church	47
	Reader	H.S.	P-12	Fort Church	47
	Spotter	H.S.	P-12	Fort Church	47
	—	T.I.	FSB	Fort Church	47
B ₁₃ ⁴ S ₁₃ ⁴ (Const.#212)	Observer	H.S.	BC-13	Sakonnet Point	48
	Reader	H.S.	P-13	Sakonnet Point	48
	Spotter	H.S.	P-13	Sakonnet Point	48
	—	T.I.	FSB	Sakonnet Point	48
AAIS OP #7	Intell.	EE8	AACP	Fort Adams	44
(Subterranean Cable to Fort Church)					

Location No. 50. Site No. 1. Place: Gooseberry Neck.

B ₁ ⁶ S ₁ ⁶ (Const.#109)	Observer	H.S.	BC-1	Fort Greene	34
	Reader	H.S.	P-1	Fort Greene	34
	Spotter	H.S.	P-1	Fort Greene	34
	—	T.I.	FSB	Fort Greene	34
B ₈ ⁶ S ₈ ⁶ (Const.#110)	Observer	H.S.	BC-8	Beavertail Point	41
	Reader	H.S.	P-8	Beavertail Point	41
	Spotter	H.S.	P-8	Beavertail Point	41
	—	T.I.	FSB	Beavertail Point	41

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

S E C R E T

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S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : Place :	Loc. : No. :	Check : Column :
---	----------------------------------	---------------------------	--	-----------------	---------------------

Location No. 50. Site No. 1. Place: Gooseberry Neck Cont'd.

B ⁶ S ⁶ 11 11	Observer	H.S.	BC-11	Fort Church	47
	Reader	H.S.	P-11	Fort Church	47
(Battery Gray)	Spotter	H.S.	P-11	Fort Church	47
	--	T.I.	FSB	Fort Church	47
B ⁵ S ⁵ 12 12	Observer	H.S.	BC-12	Fort Church	47
	Reader	H.S.	P-12	Fort Church	47
(8" Sakonnet)	Spotter	H.S.	P-12	Fort Church	47
	--	T.I.	FSB	Fort Church	47
B ⁵ S ⁵ 13 13	Observer	H.S.	BC-13	* Sakonnet Point	48
	Reader	H.S.	P-13	* Sakonnet Point	48
(Const. #212)	Spotter	H.S.	P-13	* Sakonnet Point	48
	--	T.I.	FSB	* Sakonnet Point	48
FSB	Admin.	Desk	PSB	Fort Church	47
AAIS OP #8	Intell.	EE8	AACP	Fort Adams	44
SC S/L #21	Order	EE8	C-2	* Warren Point	49
SC S/L #22	Order	EE8	C-2	* Warren Point	49

Additional Lines Required HD of New Bedford

B ³ S ³ 1 1	Observer	H.S.	BC-1	Fort Rodman	53
	Reader	H.S.	P-1	Fort Rodman	53
(Battery Mill- iken)	Spotter	H.S.	P-1	Fort Rodman	53
	--	T.I.	FSB	Fort Rodman	53
	Admin.	Wall	PSB	Fort Rodman	53
B ² S ² 2 2	Observer	H.S.	BC-2	Fort Rodman	53
	Reader	H.S.	P-2	Fort Rodman	53
(Const. #210)	Spotter	H.S.	P-2	Fort Rodman	53
	--	T.I.	FSB	Fort Rodman	53
AAIS OP #1	Intell.	EE8	AACP	Fort Rodman	53

Additional thru lines required. Fort Church - Cuttyhunk
Island - Mishaum Point.

(2) AWS	(2) Sector
(4) Army	(4) Beach Defense
(5) Reinf. Arty.	(4) Coast Guard
(5) AA Reinf. Arty.	(2) Subsector
(Submarine Cable to Cuttyhunk Island)	

(* Via FSB, Fort Church, Location No. 47)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

S E C R E T

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S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : :	Place : :	Loc. : No. :	Check : Column :
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Location No. 57. Site No. 1&2. Place: Cattyhunk Island

B ⁷ S ⁷ 8 8 (Const.#110)	Observer	H.S.	BC-8	Beavertail Point	41
	Reader	H.S.	P-8	Beavertail Point	41
	Spotter	H.S.	P-8	Beavertail Point	41
	--	T.I.	FSB	Beavertail Point	41

B ⁷ S ⁷ 11 11 (Battery Gray)	Observer	H.S.	BC-11	Fort Church	47
	Reader	H.S.	P-11	Fort Church	47
	Spotter	H.S.	P-11	Fort Church	47
	--	T.I.	FSB	Fort Church	47

B ⁶ S ⁶ 12 12 (8" Sakonnet)	Observer	H.S.	BC-12	Fort Church	47
	Reader	H.S.	P-12	Fort Church	47
	Spotter	H.S.	P-12	Fort Church	47
	--	T.I.	FSB	Fort Church	47

B ⁶ S ⁶ 13 13 (Const.#212)	Observer	H.S.	BC-13	* Sakonnet Point	48
	Reader	H.S.	P-13	* Sakonnet Point	48
	Spotter	H.S.	P-13	* Sakonnet Point	48
	--	T.I.	FSB	* Sakonnet Point	48

AAIS OP #9	Intell.	EE8	AACP	Fort Adams	44
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SC S/L #23	Order	EE8	C-2	* Warren Point	49
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SC S/L #24	Order	EE8	C-2	* Warren Point	49
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FSB	Admin.	Desk	PSB	Fort Church	47
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Additional Lines required HD of New Bedford

B ² S ² 1 1 (Battery Milli-Spotter ken)	Observer	H.S.	BC-1	Fort Rodman	53
	Reader	H.S.	P-1	Fort Rodman	53
	Spotter	H.S.	P-1	Fort Rodman	53
	--	T.I.	FSB	Fort Rodman	53
	Admin.	Wall	PSB	Fort Rodman	53

B ¹ S ¹ 2 2 (Const.#210)	Observer	H.S.	BC-2	Fort Rodman	53
	Reader	H.S.	P-2	Fort Rodman	53
	Spotter	H.S.	P-2	Fort Rodman	53
	--	T.I.	FSB	Fort Rodman	53

AAIS OP #5	Intell.	EE8	AACP	Fort Rodman	53
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SC S/L #1	Order	EE8	Group	Fort Rodman	53
-----------	-------	-----	-------	-------------	----

SC S/L #2	Order	EE8	Group	Fort Rodman	53
-----------	-------	-----	-------	-------------	----

(* Via FSB, Fort Church, Location No. 47)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

S E C R E T

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S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :
of :	of :	of :	Installation : Place : Loc. : Check
Installation :	Telephone :	Phone :	: No. : Column
<u>Location No. 57. Site No. 1&2. Place: Cuttyhunk Island Cont'd.</u>			

Additional thru lines required - Gooseberry Neck-Gay Head:

(2) AWS	(2) Sector
(4) Army	(4) Beach Defense
(5) Reinf. Arty.	(4) Coast Guard
(5) AA Reinf. Arty.	(2) Subsector
(Submarine cable to Gay Head)	

Location No. 59. Site 1&2. Place: Gay Head

B ⁸ S ⁸ 11 11	Observer	H.S.	BC-11	Fort Church	47
	Reader	H.S.	P-11	Fort Church	47
(Battery Gray)	Spotter	H.S.	P-11	Fort Church	47
	--	T.I.	FSB	Fort Church	47
	Admin.	Wall	PSB	Fort Church	47
AAIS OP #10	Intell.	EE8	AACP	Fort Adams	44
AAIS OP #11	Intell.	EE8	AACP	Fort Adams	44
SC S/L #25	Order	EE8	C-2	* Warren Point	49
SC S/L #26	Order	EE8	C-2	* Warren Point	49

Additional lines required for HD of New Bedford:

B ¹ S ¹ 1 1	Observer	H.S.	BC-1	Fort Rodman	53
	Reader	H.S.	P-1	Fort Rodman	53
(Battery Mill- iken)	Spotter	H.S.	P-1	Fort Rodman	53
	--	T.I.	FSB	Fort Rodman	53
	Admin.	Wall	PSB	Fort Rodman	53
AAIS OP #8	Intell.	EE8	AACP	Fort Rodman	53
AAIS OP #9	Intell.	EE8	AACP	Fort Rodman	53

Additional thru lines to Cuttyhunk Island

(2) AWS	(2) Sector
(4) Army	(4) Beach Defense
(5) Reinf. Arty.	(4) Coast Guard
(5) AA Reinf. Arty.	(2) Subsector

(* Via FSB Fort Church, Location No. 47)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

S E C R E T

S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :			
of :	of :	of :	Installation :	Place :	Loc. :	Check :
Installation :	Telephone :	Phone :	:	:	No. :	Column :

Location No. 60. Site No. 1. Place: (Beacon Hill) Block Island.

B ⁷ S ⁷ 1 1 (Const. #109)	Observer	H.S.	BC-1	Fort Greene	34
	Reader	H.S.	P-1	Fort Greene	34
	Spotter	H.S.	P-1	Fort Greene	34
	--	T.I.	FSB	Beacon Hill	60-1
	Admin.	Wall	PSB	Beacon Hill	60-1
B ⁹ S ⁹ 2 2 (Const. #108)	Observer	H.S.	BC-2	Fort Greene	34
	Reader	H.S.	P-2	Fort Greene	34
	Spotter	H.S.	P-2	Fort Greene	34
	--	T.I.	FSB	Beacon Hill	60-1
B ⁸ S ⁸ 8 8 (Const. #110)	Observer	H.S.	BC-8	Beavertail Point	41
	Reader	H.S.	P-8	Beavertail Point	41
	Spotter	H.S.	P-8	Beavertail Point	41
	--	T.I.	FSB	Beacon Hill	60-1
AAIS OP #12	Intell.	EE8	AACP	Fort Adams	44
FSB & PSB	Admin.	Desk	PSB	Fort Greene	47
	Admin.	Desk	Beacon Hill	Local	60
	--	--	Clay Head	Local	60
	--	--	So. West	Local	60
	--	--	Turtle Hill	Local	60

Location No. 60. Site No. 2. Place: (So. West) Block Island

B ⁸ S ⁸ 1 1 (Const. #109)	Observer	H.S.	BC-1	Fort Greene	34
	Reader	H.S.	P-1	Fort Greene	34
	Spotter	H.S.	P-1	Fort Greene	34
	--	T.I.	FSB	Beacon Hill	60-1
	Admin.	Wall	PSB	Beacon Hill	60-1
B ¹⁰ S ¹⁰ 2 2 (Const. #108)	Observer	H.S.	BC-2	Fort Greene	34
	Reader	H.S.	P-2	Fort Greene	34
	Spotter	H.S.	P-2	Fort Greene	34
	--	T.I.	FSB	Beacon Hill	60-1
SC S/L #27	Order	EE8	SDCP	Beavertail Point	41
SC S/L #28	Order	EE8	SDCP	Beavertail Point	41

Location No. 60. Site No. 3. Place: (Turtle Hill) Block Island

B ⁹ S ⁹ 1 1 (Const. #109)	Observer	H.S.	BC-1	Fort Greene	34
	Reader	H.S.	P-1	Fort Greene	34
	Spotter	H.S.	P-1	Fort Greene	34

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

S E C R E T

Exhibit 11-B, Page 40 of 40 pages

S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation : of : Installation :	Purpose : of : Telephone :	Type : of : Phone :	Termination of each Circuit : Installation : :	Place : :	Loc. : No. :	Check : Column :
---	----------------------------------	---------------------------	--	--------------	-----------------	---------------------

Location No. 60. Site No. 3. Place: (Turtle Hill), Block Island.

B ⁹ ₁ S ⁹ ₁ (Const.#109) (Cont'd.)	-- Admin.	T.I. Wall	FSB PSB	Beacon Hill Beacon Hill	60-1 60-1	
B ¹¹ ₂ S ¹¹ ₂ (Const.#108)	Observer Reader Spotter --	H.S. H.S. H.S. T.I.	BC-2 P-2 P-2 FSB	Fort Greene Fort Greene Fort Greene Beacon Hill	34 34 34 60-1	
B ⁵ ₃ S ⁵ ₃ (Const.#211)	Observer Reader Spotter --	H.S. H.S. H.S. T.I.	BC-3 P-3 P-3 FSB	* Point Judith * Point Judith * Point Judith Beacon Hill	33 33 33 60-1	
B ⁹ ₈ S ⁹ ₈ (Const.#110)	Observer Reader Spotter --	H.S. H.S. H.S. T.I.	BC-8 P-8 P-8 FSB	Beavertail Point Beavertail Point Beavertail Point Beacon Hill	41 41 41 60-1	
B ⁹ ₁₁ S ⁹ ₁₁	Observer Reader Spotter --	H.S. H.S. H.S. T.I.	BC-11 P-11 P-11 FSB	Fort Church Fort Church Fort Church Beacon Hill	47 47 47 60-1	
SC S/L #29	Order	EE8	SDCP	Beavertail Point	41	
SC S/L #30	Order	EE8	SDCP	Beavertail Point	41	

Location No. 60. Site No. 4. Place: (Clay Head), Block Island.

B ¹⁰ ₁ S ¹⁰ ₁ (Const.#109)	Observer Reader Spotter --	H.S. H.S. H.S. T.I.	BC-1 P-1 P-1 FSB	Fort Greene Fort Greene Fort Greene Beacon Hill	34 34 34 60-1	
B ¹² ₂ S ¹² ₂ (Const.#108)	Observer Reader Spotter --	H.S. H.S. H.S. T.I.	BC-2 P-2 P-2 FSB	Fort Greene Fort Greene Fort Greene Beacon Hill	34 34 34 60-1	
B ⁶ ₃ S ⁶ ₃ (Const.#211)	Observer Reader Spotter --	H.S. H.S. H.S. T.I.	BC-3 P-3 P-3 FSB	* Point Judith * Point Judith * Point Judith Beacon Hill	33 33 33 60-1	

(* Via FSB Fort Greene, Location No. 34)

HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

S E C R E T

Exhibit 11-B, Page 40A of 40 pages

S E C R E T

Form 40. Annex B

H. D. of Narragansett Bay

Basic Information for Construction of
FIRE CONTROL AND COMMUNICATIONS DIAGRAMS

Designation :	Purpose :	Type :	Termination of each Circuit :	
of :	of :	of :	Installation :	Place : Loc. : Check
Installation :	Telephone :	Phone :		No. : Column

Location No. 60. Site No. 4. Place: (Clay Head), Block Island Cont'd.

B ¹⁰ ₈ S ¹⁰ ₈ (Const. #110)	Observer	H.S.	BC-8	Beavertail Point 41
	Reader	H.S.	P-8	Beavertail Point 41
	Spotter	H.S.	P-8	Beavertail Point 41
	--	T.I.	FSB	Beacon Hill 60-1
B ¹⁰ ₁₁ S ¹⁰ ₁₁ (Battery Gray)	Observer	H.S.	BC-11	Fort Church 47
	Reader	H.S.	P-11	Fort Church 47
	Spotter	H.S.	P-11	Fort Church 47
	--	T.I.	FSB	Beacon Hill 60-1
SC S/L #31	Order	EE8	SDCP	Beavertail Point 41
SC S/L #32	Order	EE8	SDCP	Beavertail Point 41
SC S/L #33	Order	EE8	SDCP	Beavertail Point 41
SC S/L #34	Order	EE8	SDCP	Beavertail Point 41

Additional thru lines required to Fort Greene:

(2) AWS	(2) Sector
(4) Army	(4) Beach Defense
(5) Reinf. Arty.	(4) Coast Guard
(5) AA Reinf. Arty.	(2) Subsector

- Notes: 1. FSB Room for all stations at Block Island to be located at Beacon Hill, Location No. 60-1.
2. All circuits to stations on Block Island to be routed from the FSB via the Coast Guard pole line which extends around the island.
3. Only circuit requirements of Harbor Defenses of Narragansett Bay considered herein.

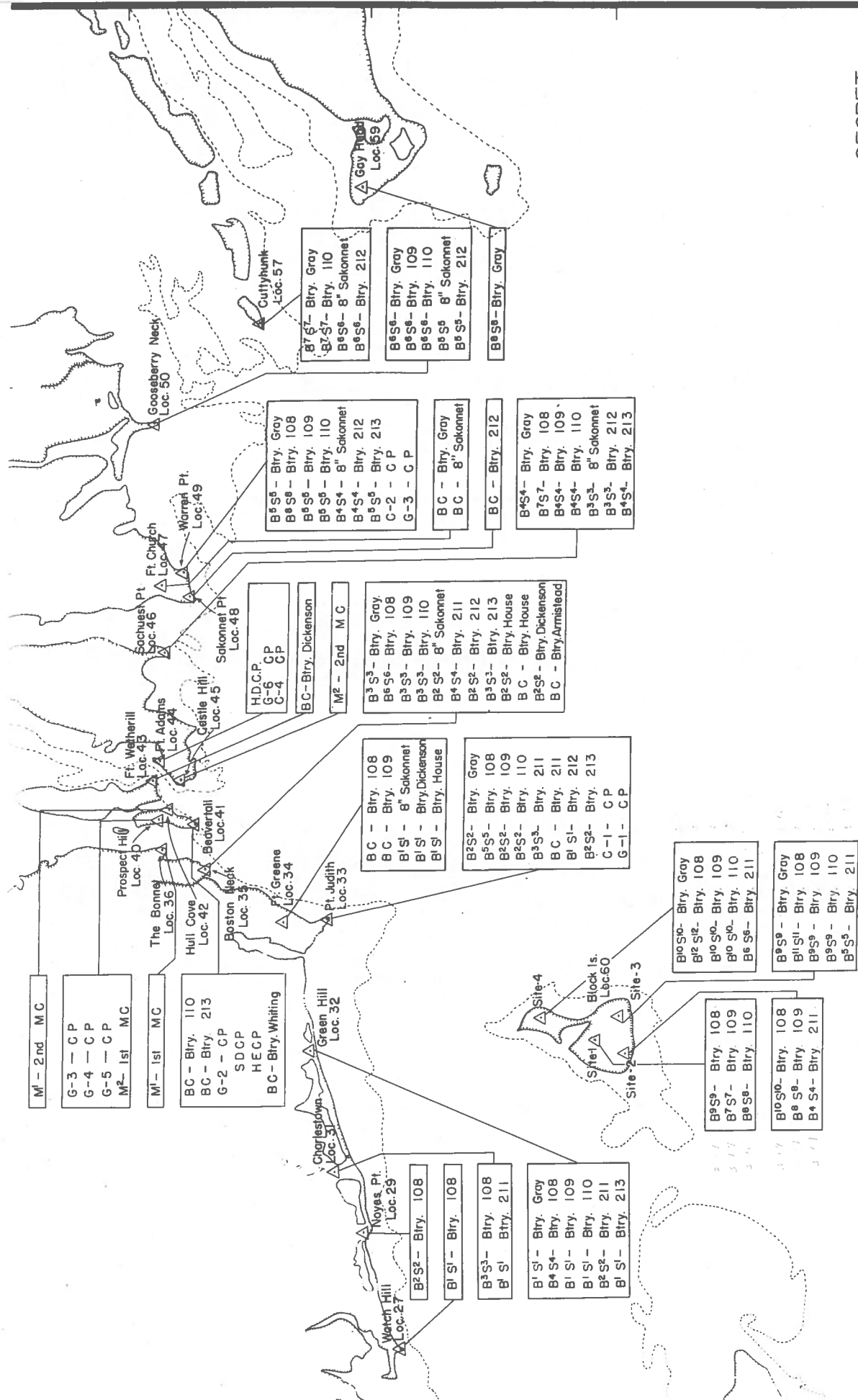
HS-Head Set, TS-Hand Set, EE8-Field Telephone, TI-Time Interval Bell.

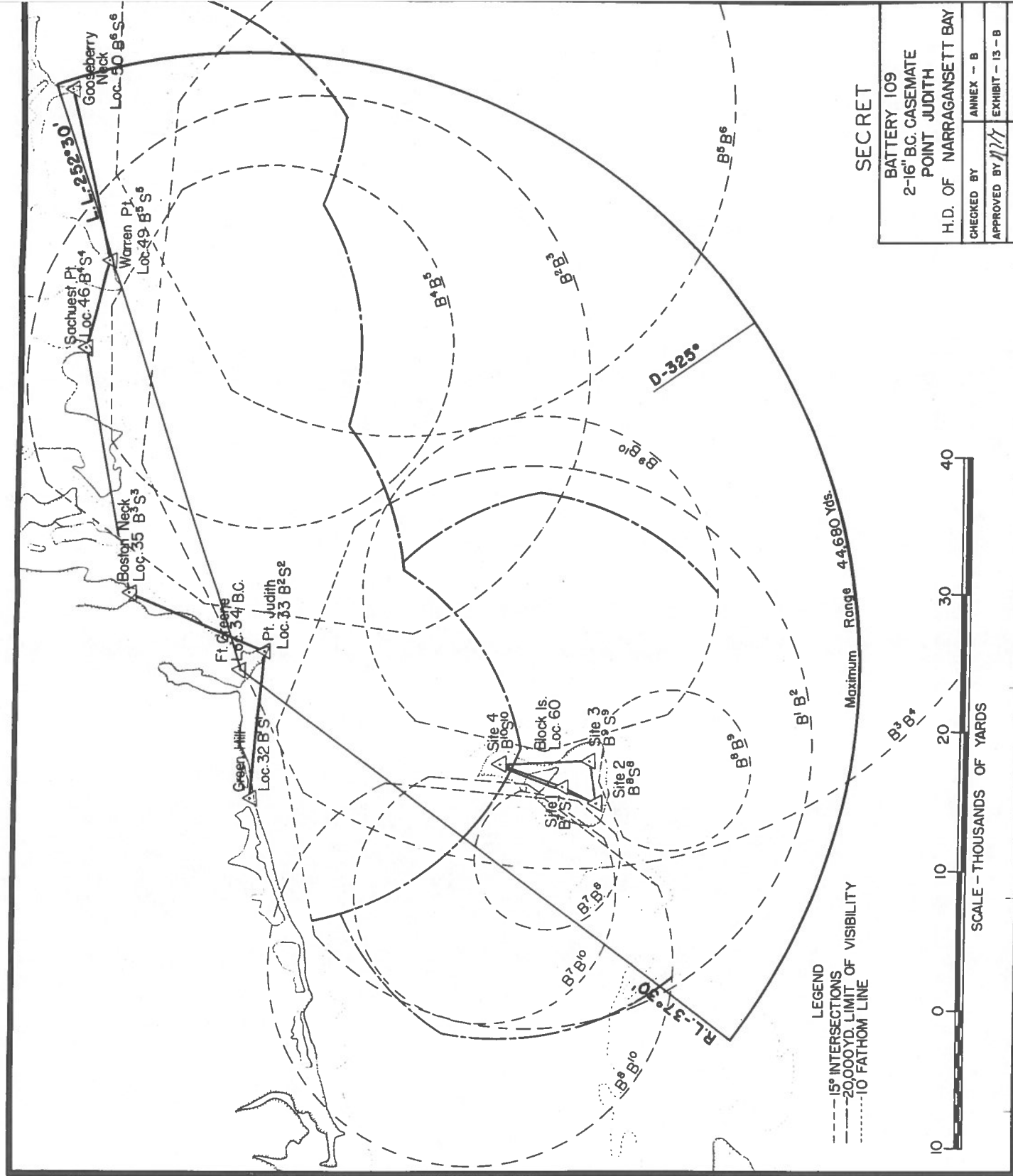
S E C R E T

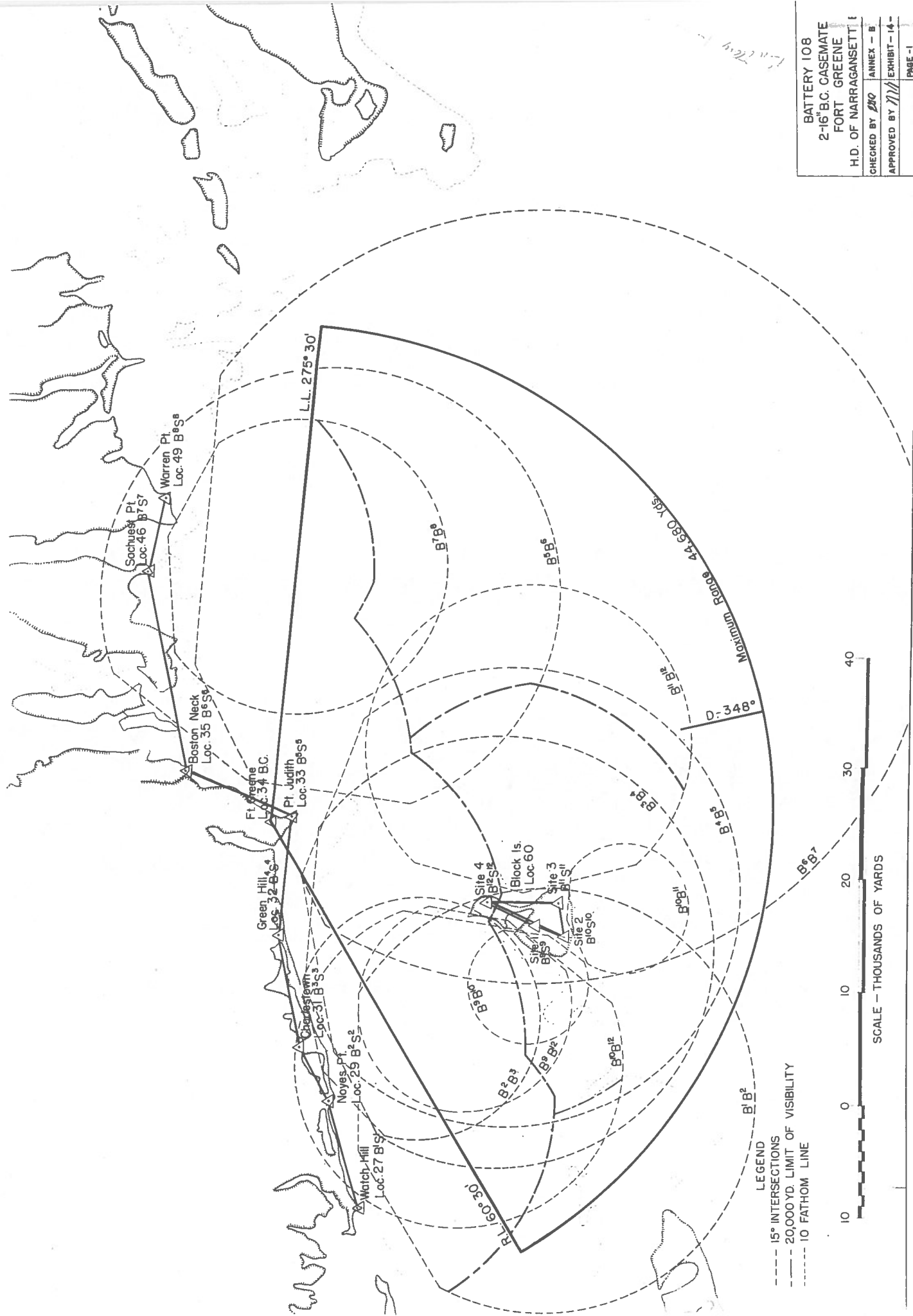
Exhibit 11-B, Page 40 of 40 pages

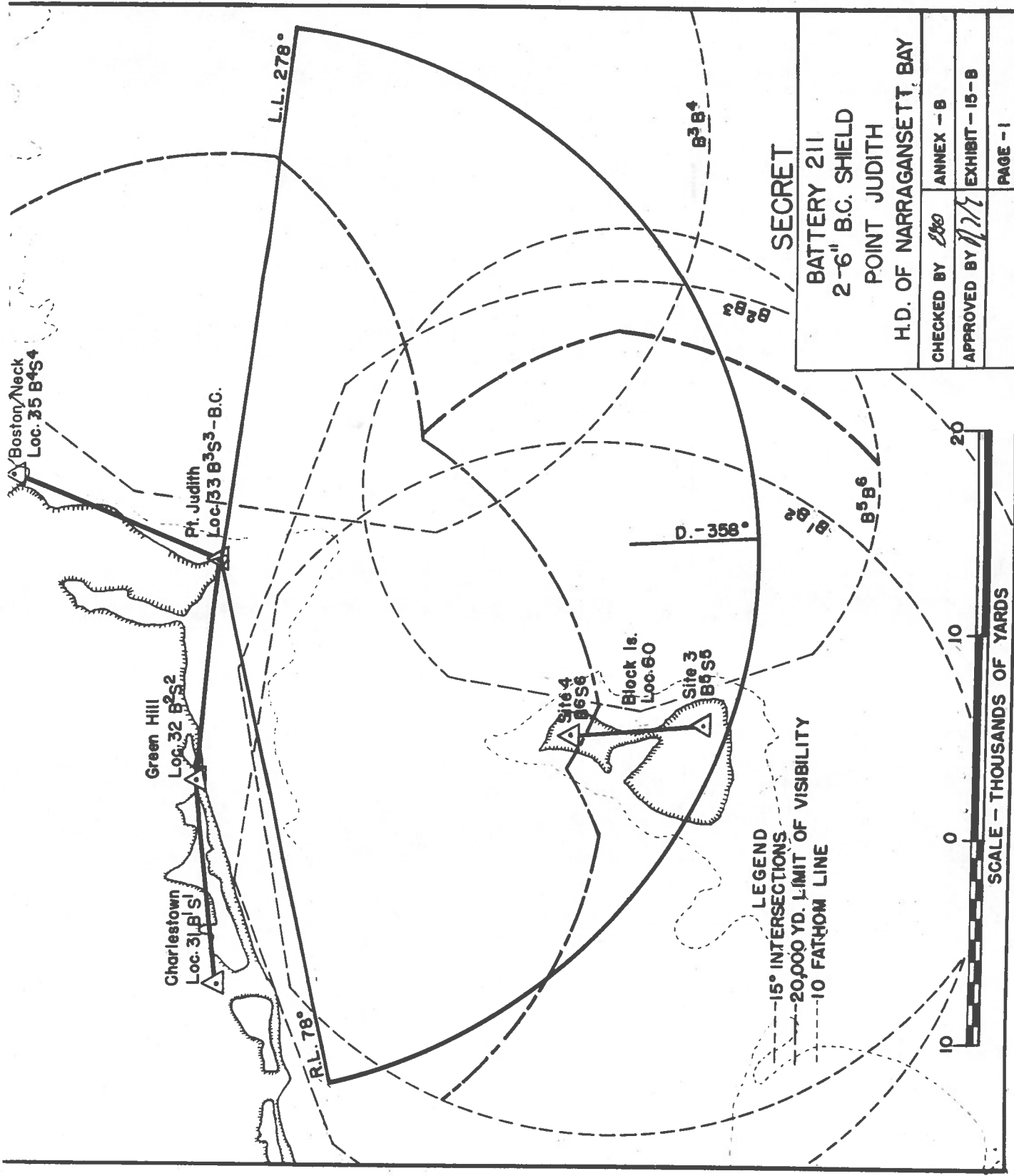
SECRET

LOCATION OF ELEMENTS
OF THE
FIRE CONTROL SYSTEM
H. D. OF NARRAGANSETT BAY
CHECKED BY 220 ANNEX - B
APPROVED BY 0777 EXHIBIT - 12 - B
PAGE - 1



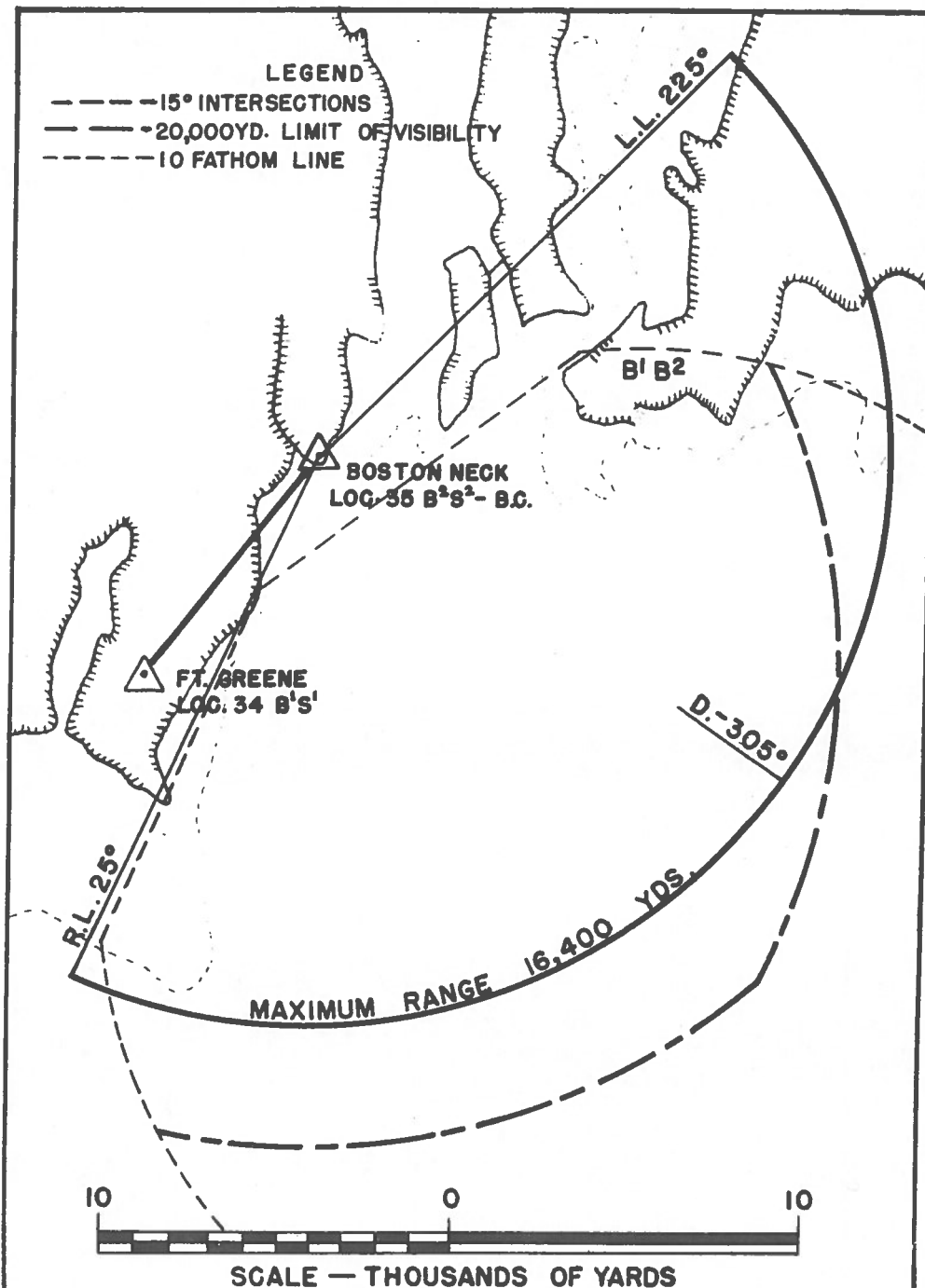






SECRET

BATTERY 211	
2-6" B.C. SHIELD	
POINT JUDITH	
H.D. OF NARRAGANSETT BAY	
CHECKED BY <i>288</i>	ANNEX - B
APPROVED BY <i>1177</i>	EXHIBIT - 15-B
PAGE - 1	



BATTERY HOUSE
2-6" B.C. SHIELD
BOSTON NECK
H.D. OF NARRAGANSETT BAY

CHECKED BY *EEO*

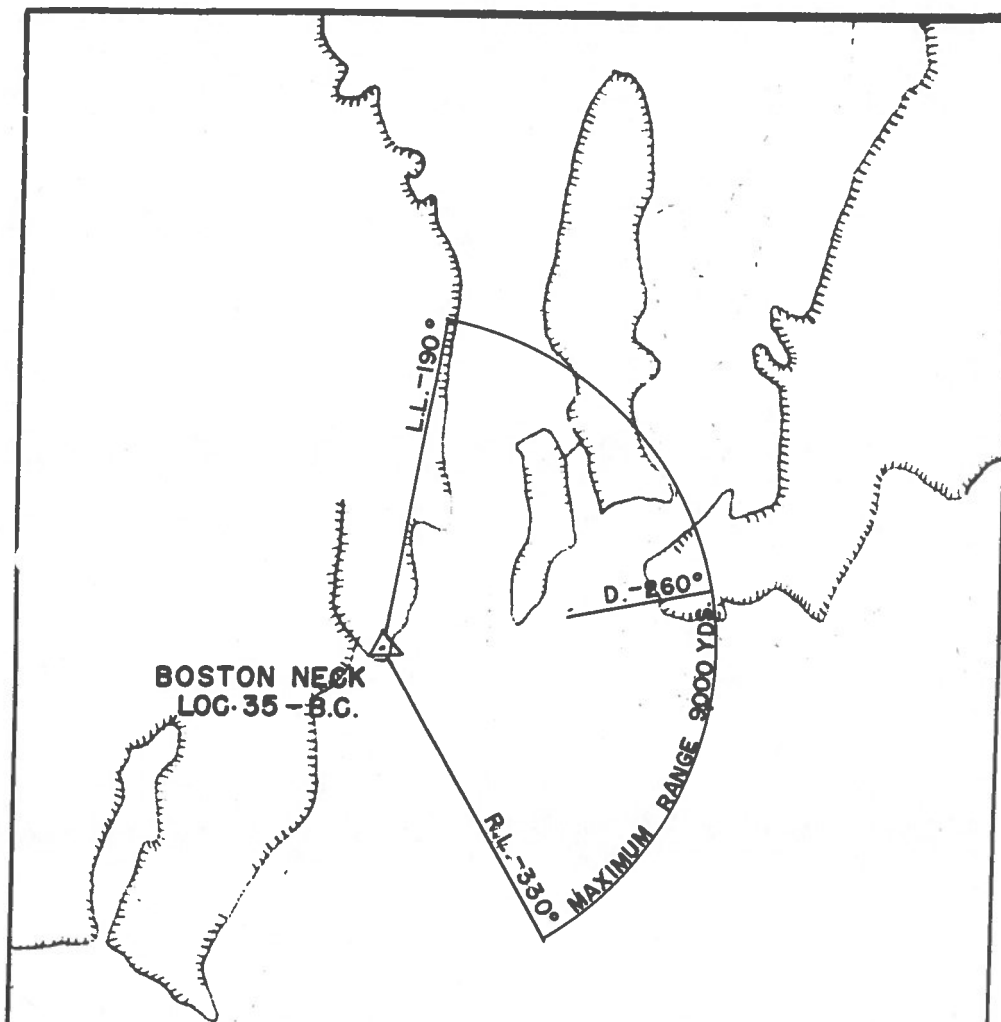
ANNEX — B

APPROVED BY *RTA*

EXHIBIT — 16-B

SECRET

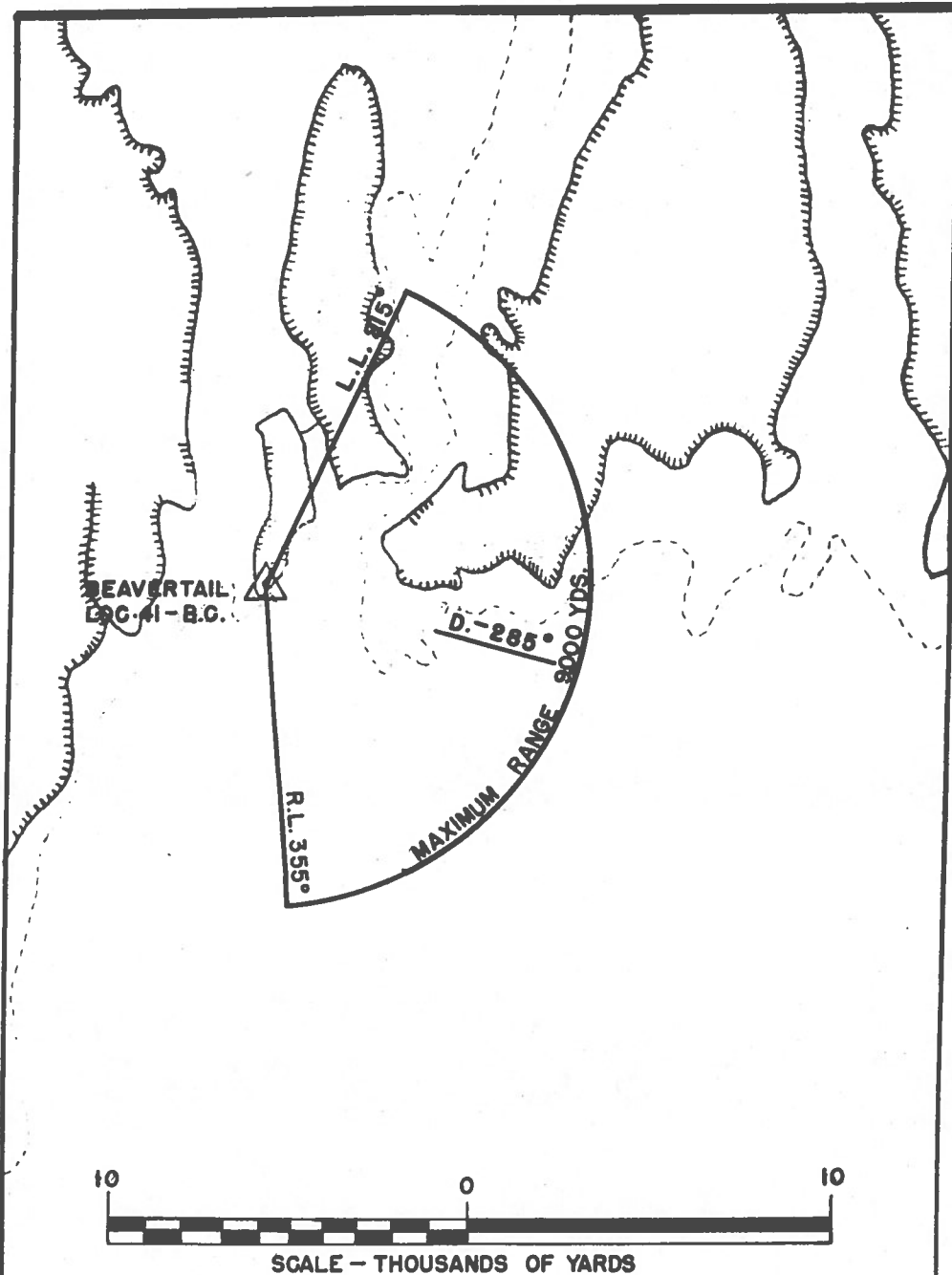
PAGE — 1



BATTERY ARMISTEAD
2-3" B.C. SHIELD
BOSTON NECK
H.D. OF NARRAGANSETT BAY

CHECKED BY <i>EBD</i>	ANNEX - B
APPROVED BY <i>NTT</i>	EXHIBIT - 17-B
	PAGE - 1

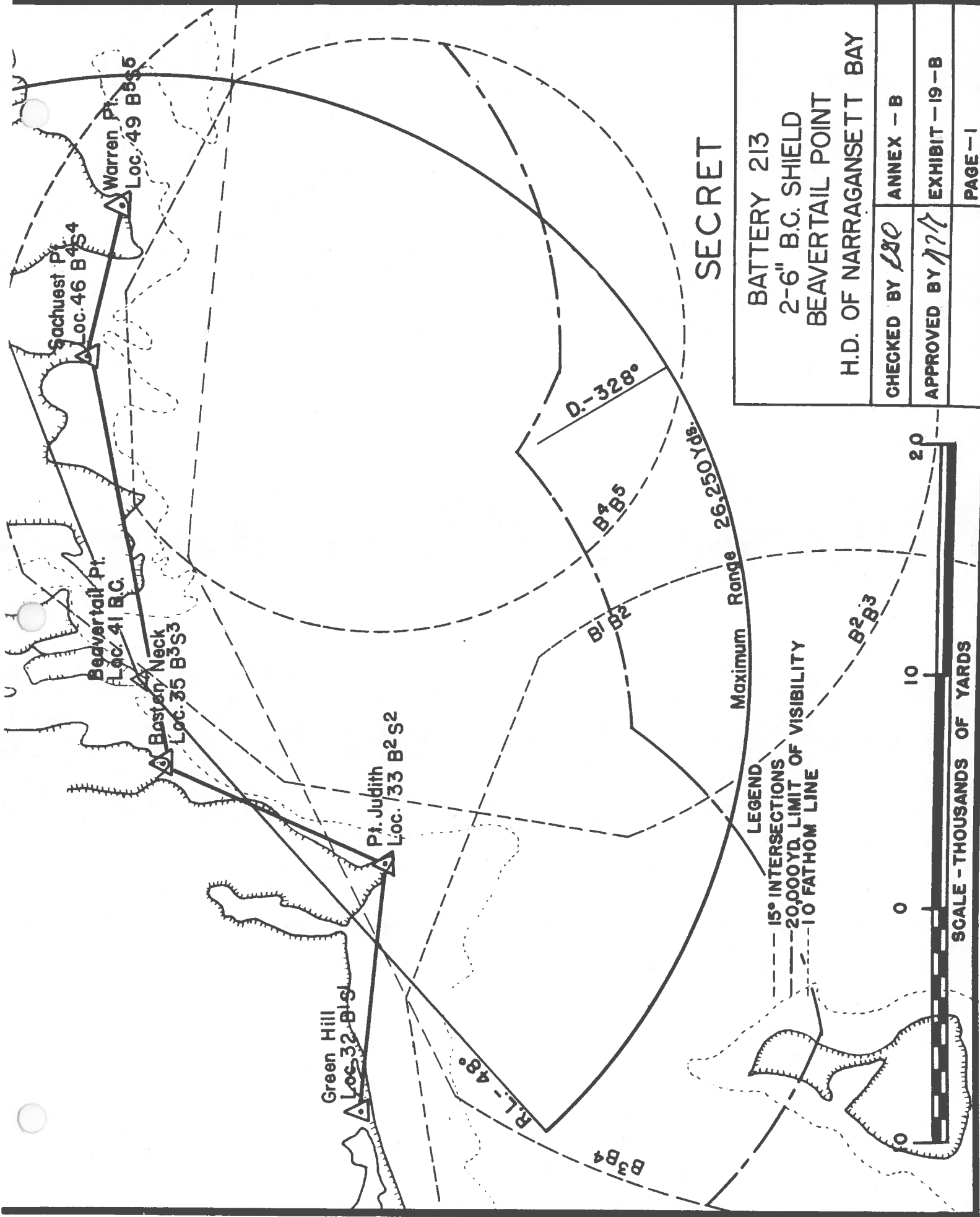
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BATTERY WHITING
2-3" B.C. SHIELD
BEAVERTAIL POINT
H.D. OF NARRAGANSETT BAY

CHECKED BY <i>210</i>	ANNEX - B
APPROVED BY <i>077</i>	EXHIBIT - 18-B
	PAGE - 1

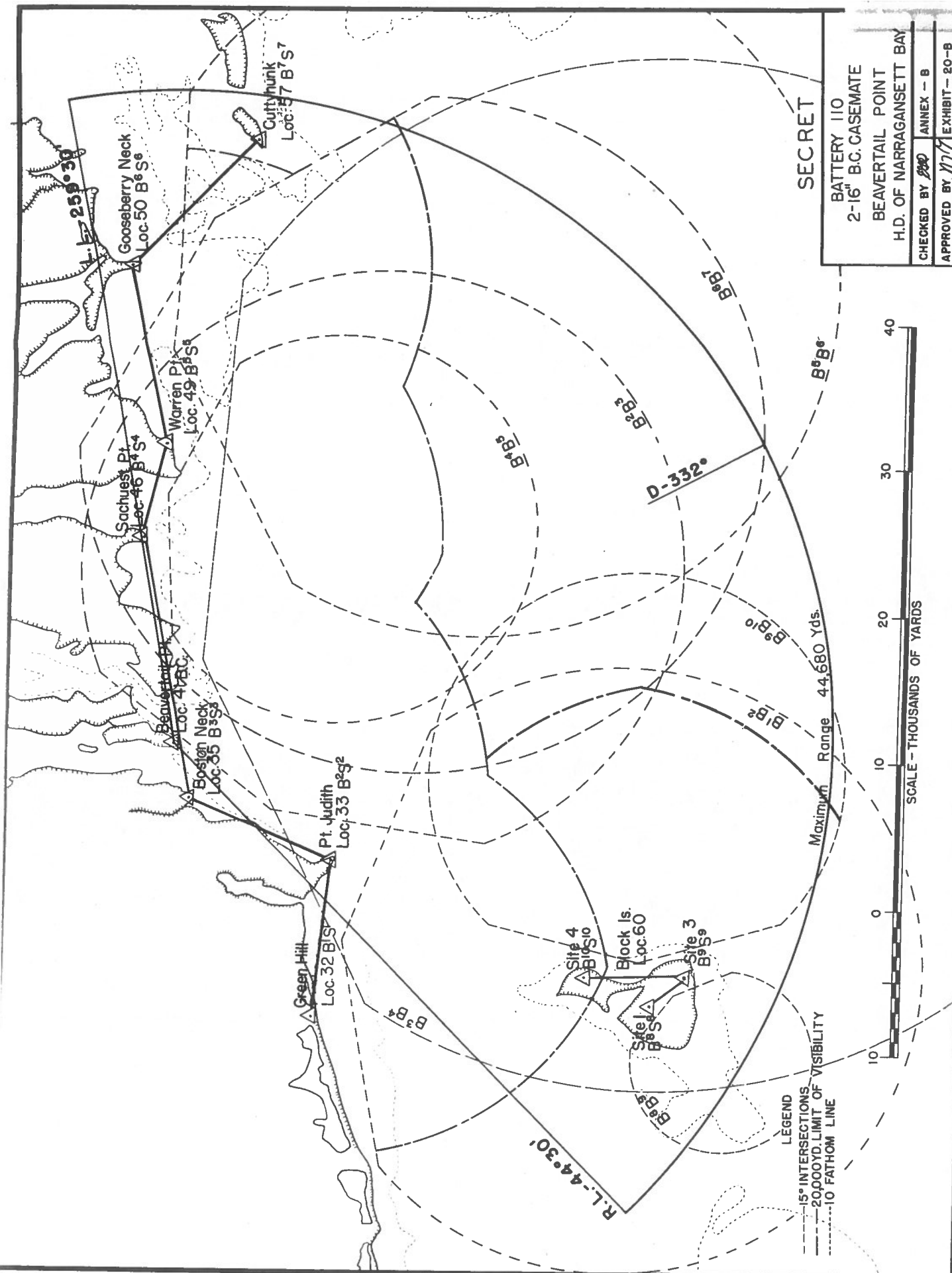
SECRET



SECRET

BATTERY 213
 2-6" B.C. SHIELD
 BEAVERTAIL POINT
 H.D. OF NARRAGANSETT BAY

CHECKED BY <i>LSQ</i>	ANNEX - B
APPROVED BY <i>177</i>	EXHIBIT - 19-B
	PAGE - 1



SECRET

BATTERY 110
2-16" BC. CASEMATE
BEAVERTAIL POINT
H.D. OF NARRAGANSETT BAY

CHECKED BY *200*

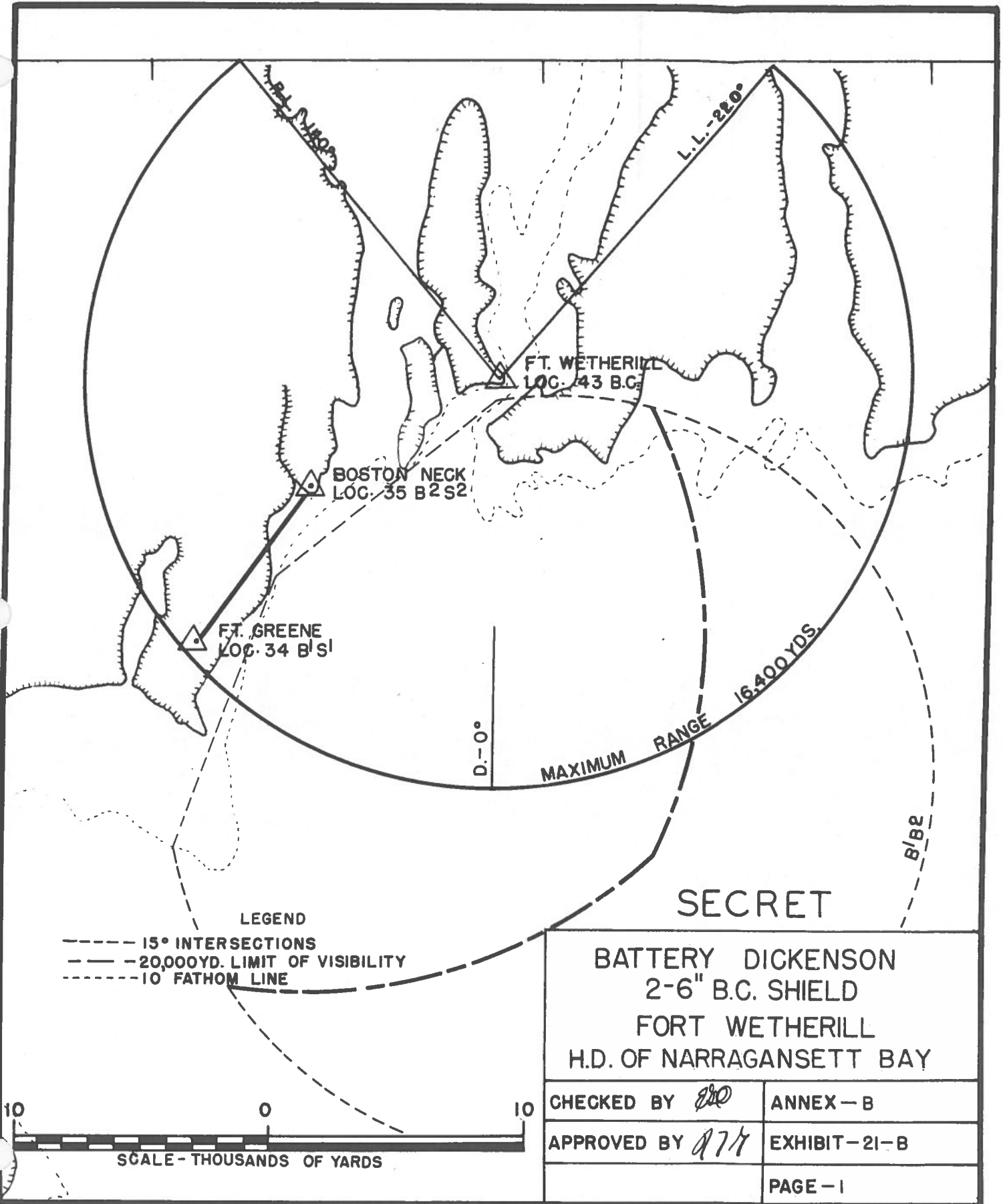
ANNEX - B

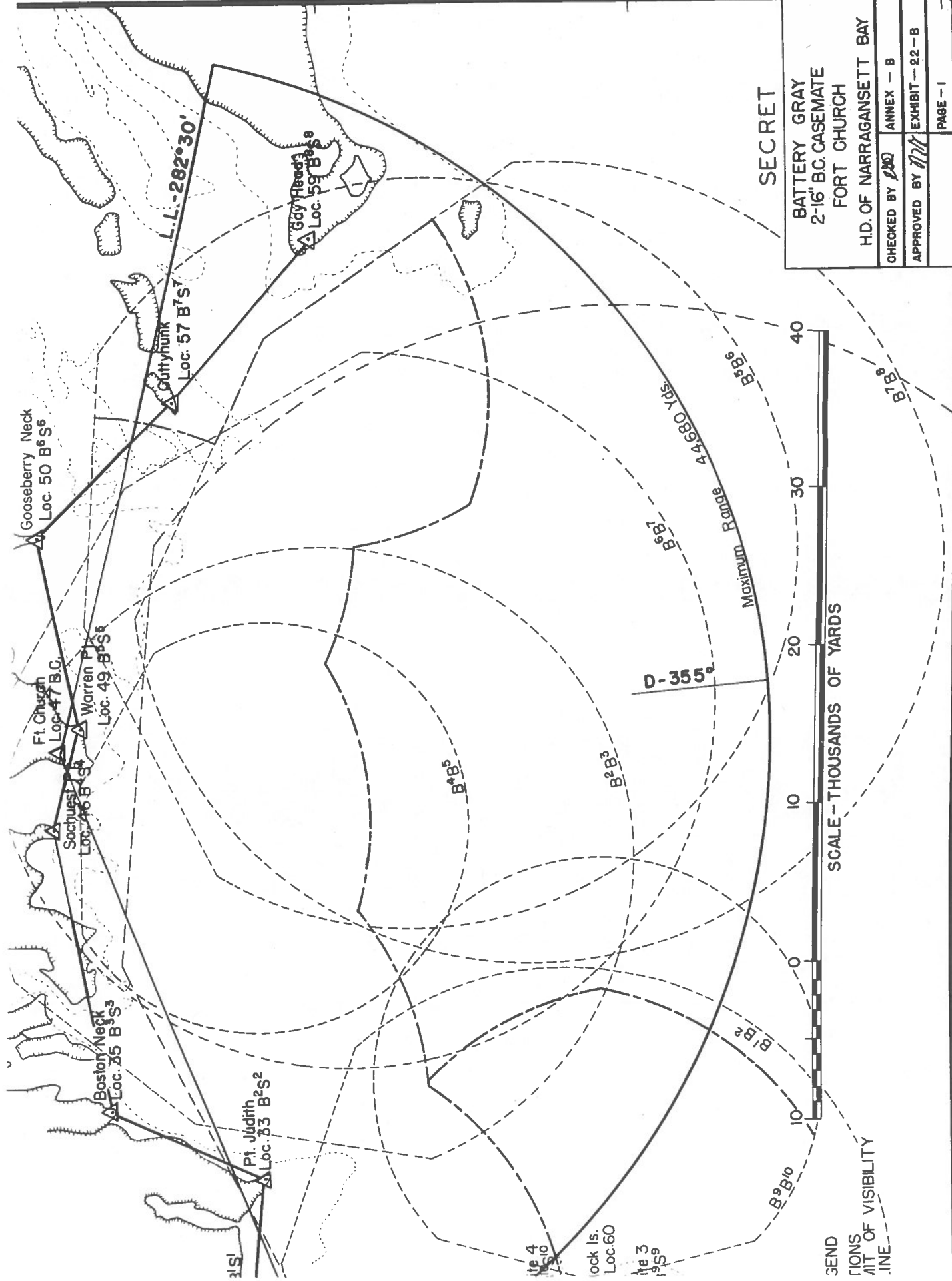
APPROVED BY *117* EXHIBIT - 20-B

LEGEND

- 15° INTERSECTIONS
- 20,000 YD. LIMIT OF VISIBILITY
- 10 FATHOM LINE

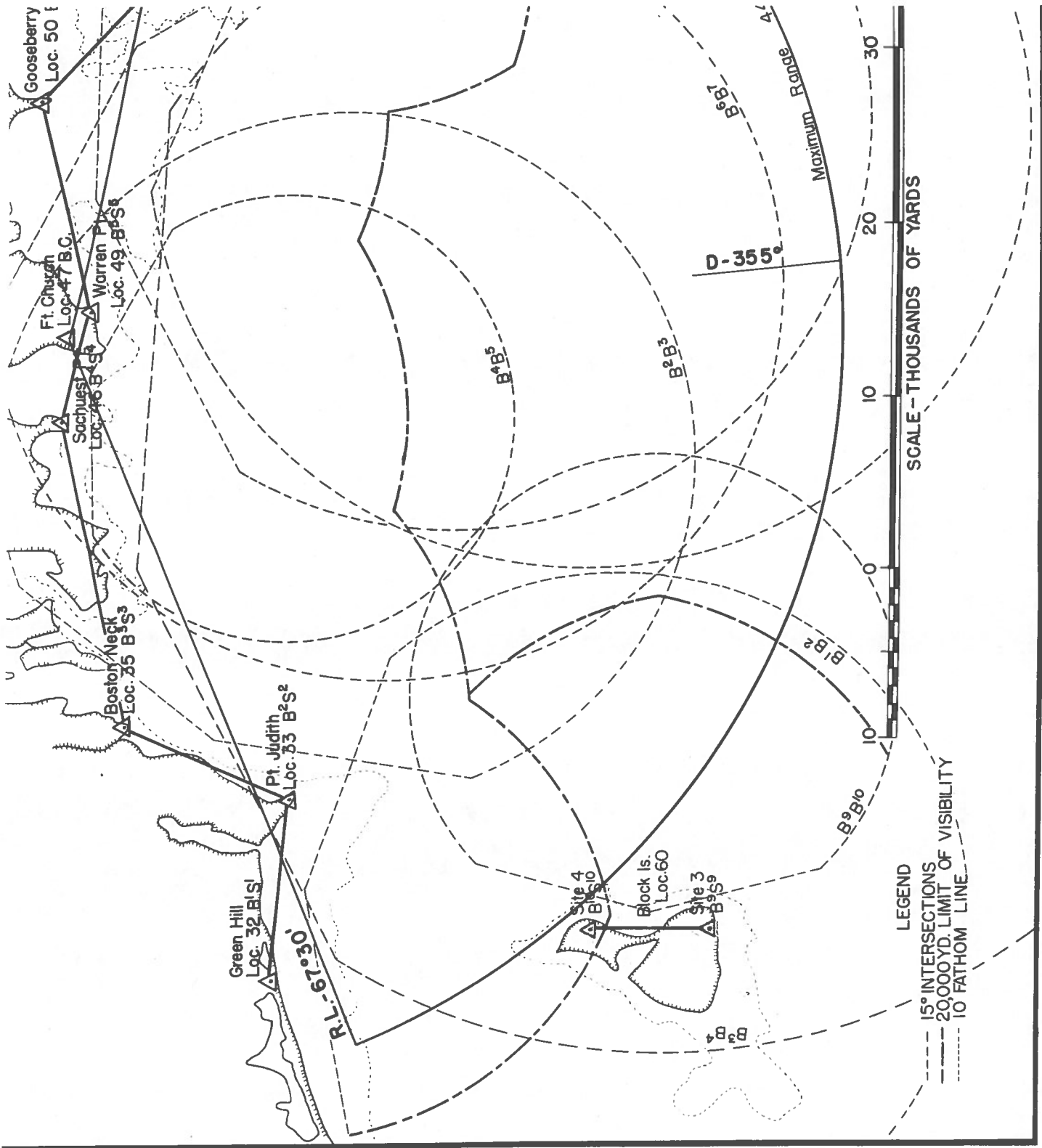


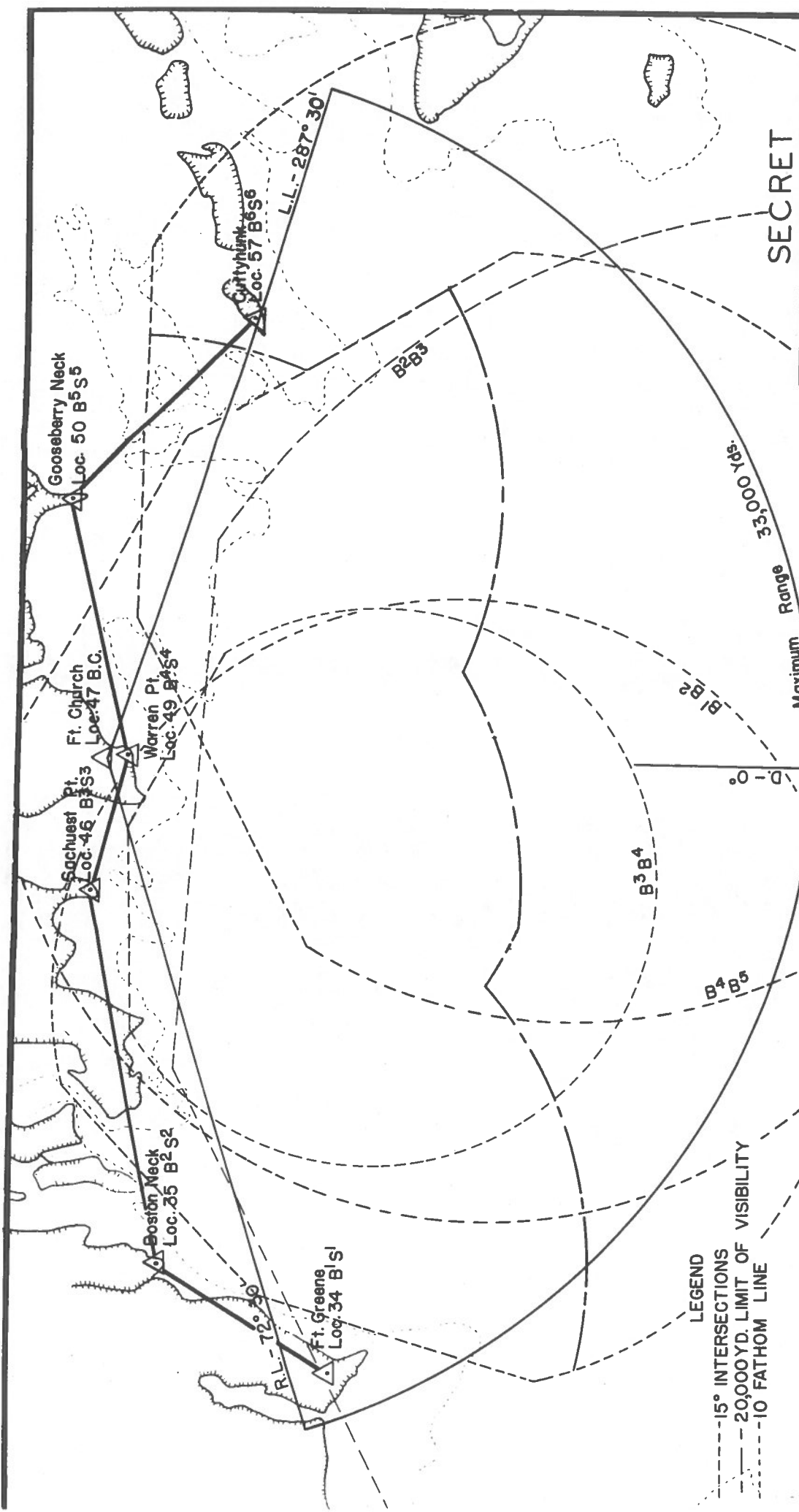




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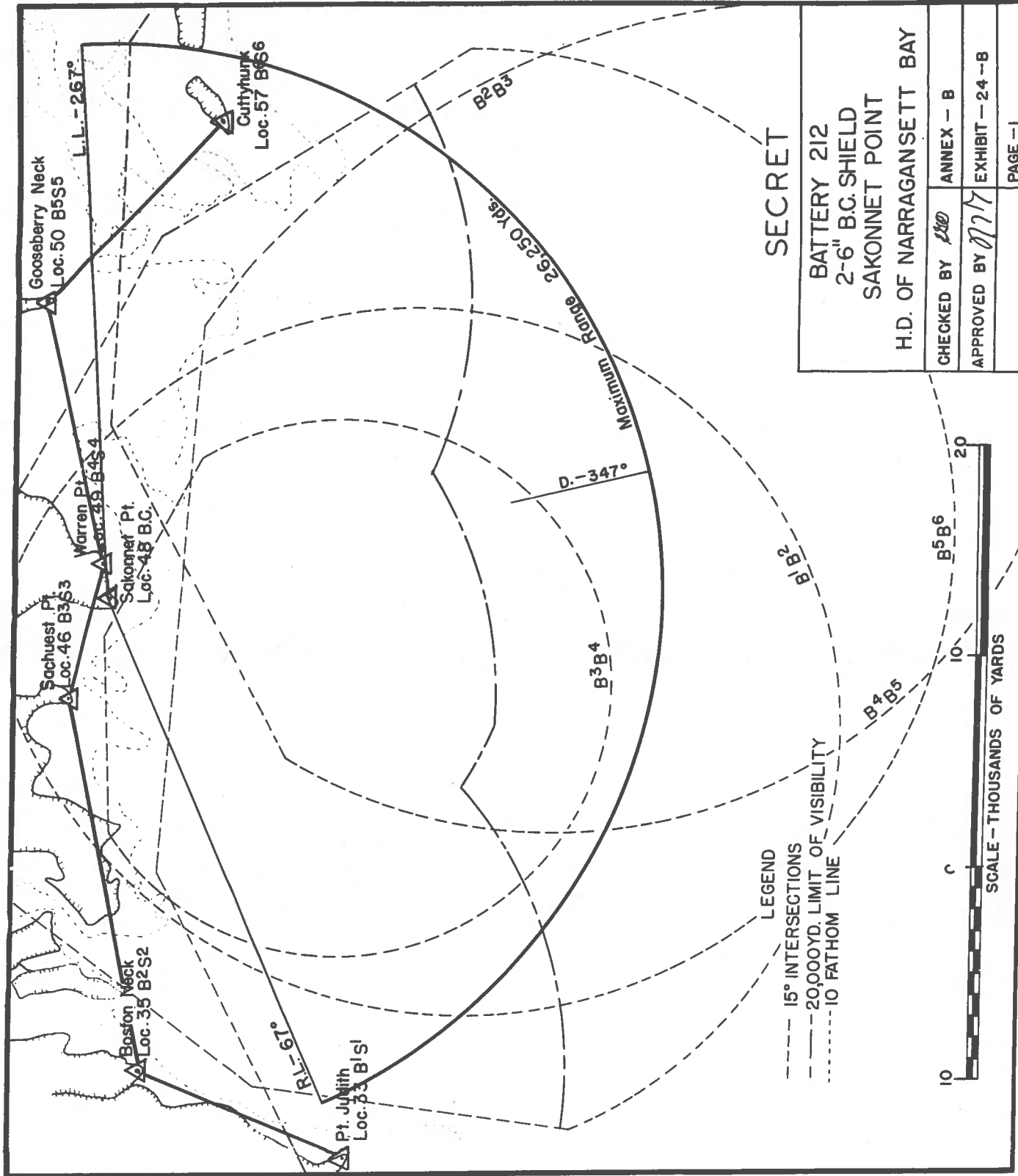
BATTERY GRAY 2-16" BC. CASEMATE FORT CHURCH	
H.D. OF NARRAGANSETT BAY	
CHECKED BY <i>[Signature]</i>	ANNEX -- B
APPROVED BY <i>[Signature]</i>	EXHIBIT -- 22-B
	PAGE -- 1





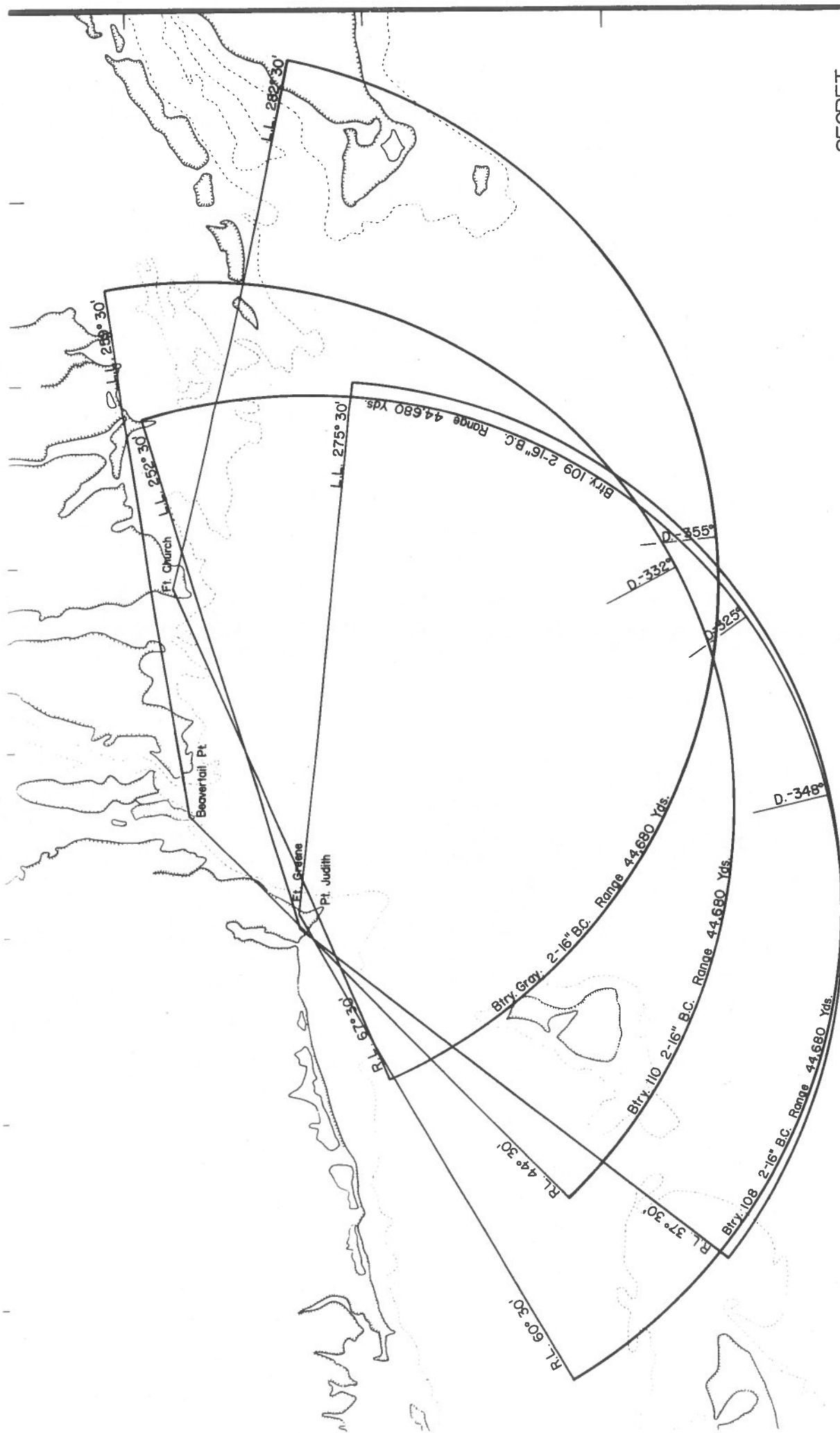
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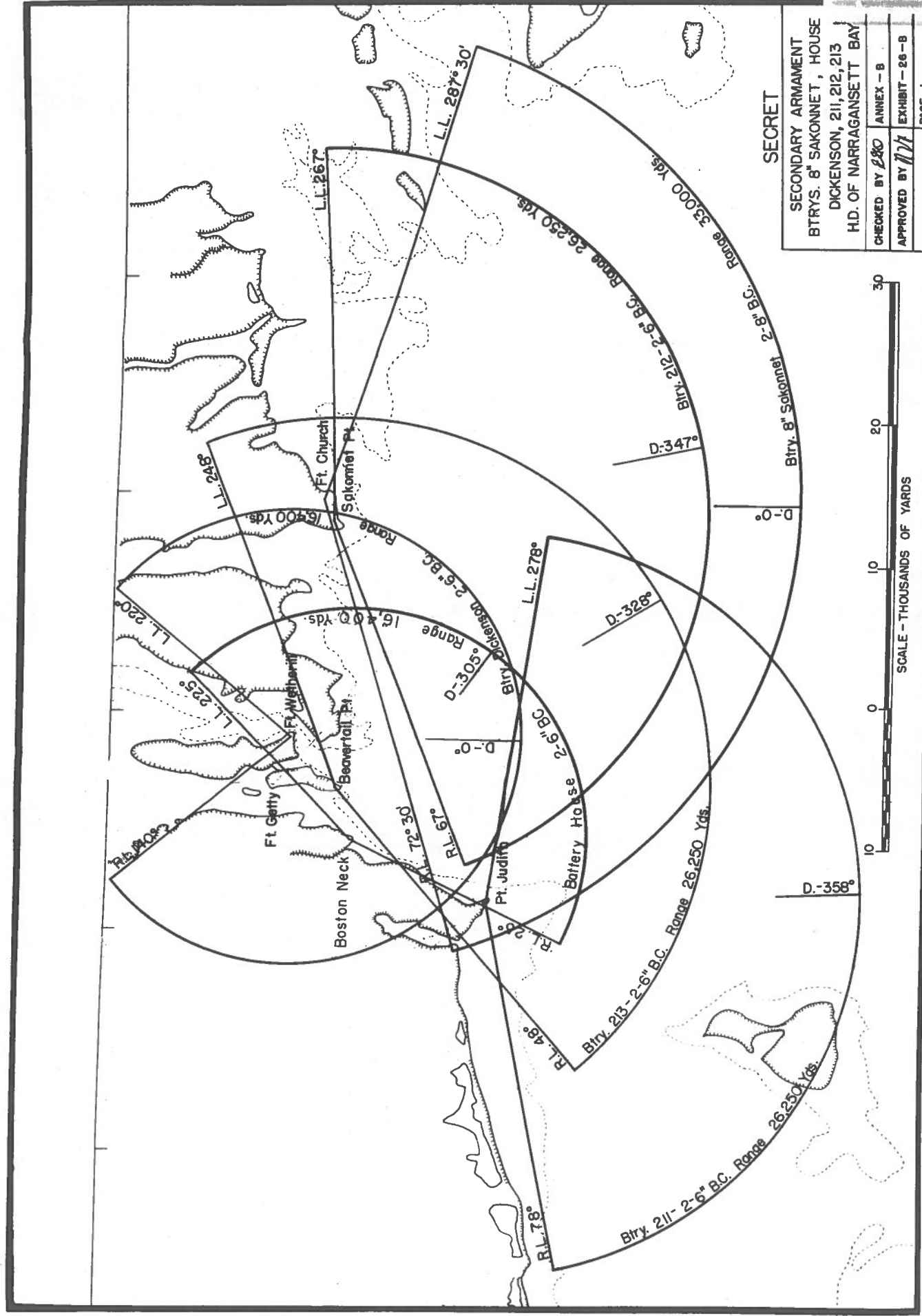
BATTERY 8" SAKONNET 2-8" B.C. CASEMATE FORT CHURCH H.D. OF NARRAGANSETT BAY	
CHECKED BY <i>289</i>	ANNEX -- B
APPROVED BY <i>271</i>	EXHIBIT -- 23-B
	PAGE -- 1



SECRET

PRIMARY ARMAMENT
BATTERY'S GRAY,
108, 109, 110
H.D. OF NARRAGANSETT BAY
CHECKED BY *150* ANNEX - B
APPROVED BY *177* EXHIBIT - 25 -
PAGE - 1





SECRET

SECONDARY ARMAMENT
BTRYS. 8" SAKONNET, HOUSE
DICKENSON, 211, 212, 213
H.D. OF NARRAGANSETT BAY

CHECKED BY 280	ANNEX - 8
APPROVED BY 1171	EXHIBIT - 26-B
	PAGE - 1

S E C R E T

HARBOR DEFENSES NARRAGANSETT BAY

EXHIBITS - ANNEX C

<u>EXHIBIT</u>	<u>CONTENTS</u>
1-C	<i>Not done</i> List of Seacoast Searchlights (HD) (Pending Completion of Modernization Program) (Form #21)
2-C	List of Seacoast Searchlights (HD) (After completion of Modernization Program) (Form #22) Map showing loca- tions and limits of illumination.
3-C	Shelter for Searchlights upon comple- tion of the Modernization Program. (Form #23)
4-C	Cost Estimate and Priority Guide for Searchlights (Form #24) (Form #24-A)

S E C R E T

S E C R E T

Form 22. Annex C

H. D. of Narragansett Bay

LIST OF SEACOAST SEARCHLIGHTS (HD.)

(AFTER COMPLETION OF MODERNIZATION PROGRAM)

Tacti-:Light:	Tactical Location		Exhi-	Tactical	On	Re-
cal no.:Type :	Place	Loc.No.:Site No.:	bit	Assignment:	Hand	quired *
1	P	Noyes Pt. 29	1-D	2-C-4	C-1	0 1
		(Elevation 15'-25' Tower Required)				
2	P	Noyes Pt. 29	1-E	"	"	0 1
		(Elevation 15'-25' Tower Required)				
3	P	Ninigret Pond 30	1-C	"	"	0 1
		(Elevation 10'-35' Tower Required)				
4	P	Ninigret Pond 30	1-D	"	"	0 1
		(Elevation 10'-35' Tower Required)				
5	P	Green Hill 32	1-E	"	"	0 1
		(Elevation 10'-35' Tower Required)				
6	P	Green Hill 32	1-F	"	"	0 1
		(Elevation 10'-35' Tower Required)				
7	P	Pt. Judith 33	1-E	"	"	1 0
		(Elevation 20'-35' Tower Required)				
8	P	Pt. Judith 33	1-F	"	"	1 0
		(Elevation 20'-35' Tower Required)				
9	P	Gunning Rk 34A	1-A	"	"	1 0
		(Elevation 25'-35' Tower Required)				
10	P	Gunning Rk 34A	1-B	"	"	1 0
		(Elevation 25'-35' Tower Required)				
11	P	The Bonnet 36	1-C	"	C-5	1 0
		(Elevation 47')				
12	F	Ft. Wetherill 43	1-L	"	"	1 0
		(Elevation 40')				
13	P	Brenton Pt. 45A	1-A	"	C-1	1 0
		(Elevation 20'-25' Tower Required)				
14	P	Brenton Pt. 45A	1-B	"	"	0 1
		(Elevation 20'-25' Tower Required)				

NOTE: * Make notations of lights already approved.
Beneath the tabulation for each searchlight enter on this sheet data as to the construction and land procurement necessary at its location, including controller station sites.

S E C R E T

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S E C R E T

Form 22. Annex C

H. D. of Narragansett Bay

LIST OF SEACOAST SEARCHLIGHTS (HD)

(AFTER COMPLETION OF MODERNIZATION PROGRAM)

Tacti- cal No.:	Light Type	Tactical Location Place	Loc. No.	Site No.	Exhi- bit	Tactical Assignment	On Hands	Re- quired*
15	P	Coggeshall Ledge (Elevation 20'-35' Tower Required)	45B	1-A 2-C-4	C-1	1	0	
16	P	Coggeshall Ledge (Elevation 20'-35' Tower Required)	45B	1-B "	"	1	0	
17	P	Sachuest Pt. (Elevation 20'-25' Tower Required)	46	1-D "	C-2	0	1	
18	P	Sachuest Pt. (Elevation 20'-25' Tower Required)	46	1-E "	"	0	1	
19	P	Sakonnet Pt. (Elevation 15'-35' Tower Required)	48	1-C "	"	1	0	
20	P	Sakonnet Pt. (Elevation 15'-35' Tower Required)	48	1-D "	"	1	0	
21	P	Gooseberry Neck (Elevation 20'-25' Tower Required)	50	1-F "	"	0	1	
22	P	Gooseberry Neck (Elevation 20'-25' Tower Required)	50	1-G "	"	0	1	
23	P	Cuttyhunk (Elevation 40')	57	2-B "	"	0	1	
24	P	Cuttyhunk (Elevation 40')	57	2-C "	"	0	1	
25	P	Gay Head (Elevation 80')	59	2-C "	"	0	1	
26	P	Gay Head (Elevation 80')	59	1-B "	"	0	1	
27	P	Clayhead (Elevation 90')	60-4	1-F "	S D C P	0	1	
28	P	Clayhead (Elevation 90')		1-G "	"	0	1	

NOTE: *Make notations of lights already approved.
Beneath the tabulation for each searchlight enter on this sheet data as to the construction and land procurement necessary at its location, including controller station sites.

S E C R E T

S E C R E T

Form 22. Annex C

H. D. of Narragansett Bay

LIST OF SEACOAST SEARCHLIGHTS (HD)

AFTER COMPLETION OF MODERNIZATION PROGRAM

Tacti- cal No.:	Light Type :	Tactical Location Place :	Loc. No.:	Site No.:	Exhi- bit :	Tactical Assignment:	On Hand:	Re- quired*
29	P	Paine (Elevation 50')	60-3	1-D	2-C-4	SDCP	0	1
30	P	Paine (Elevation 50')	60-3	1-E	2-C-4	SDCP	0	1
31	P	Sou'West (Elevation 80')	60-2	2-C	2-C-4	SDCP	0	1
32	P	Sou'West (Elevation 80')	60-2	2-D	2-C-4	SDCP	0	1
33	P	Sandy Pt. (Elevation 40')	60-4	1-H	2-C-4	SDCP	0	1
34	P	Sandy Pt. (Elevation 40')	60-4	1-I	2-C-4	SDCP	0	1
36	P	Ft. Adams	44	--	2-C-4	Reserve AE	0	1
36	P	Ft. Adams	44	--	2-C-4	Reserve AE	0	1

Notes: (a) Augmented Expenditure Program, S.C. Funds, HD of Narragansett Bay, 1941, authorizes 20 seacoast searchlights of which 10 are on hand.

(b) No land purchase necessary. Searchlights to be placed at tactical positions when an emergency arises.

NOTE: *Make notations of lights already approved.

Beneath the tabulation for each searchlight enter on this sheet data as to the construction and land procurement necessary at its location, including controller station sites.

S E C R E T

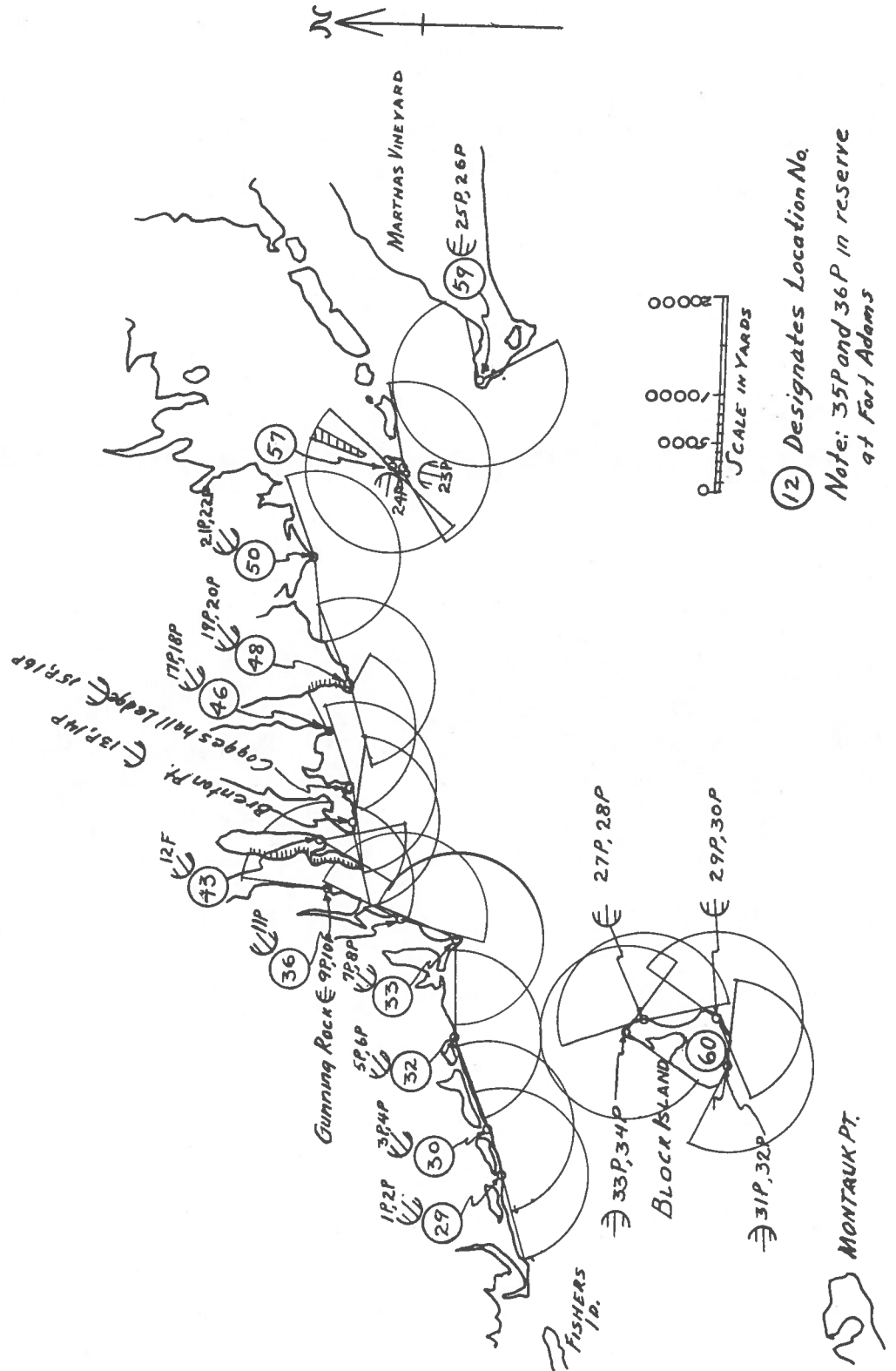
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S E C R E T

Form #22 Annex C

H. D. of Narragansett Bay

Location of SC. Searchlights
Upon completion of Modernization Program



S E C R E T

S E C R E T

Form 23. Annex C

H. D. of Narragansett Bay

SHELTER FOR SEARCHLIGHTS

UPON COMPLETION OF THE MODERNIZATION PROGRAM

(For 35 harbor defense and 10 antiaircraft lights, other than at tactical positions.)

Pri- ority No.	: Item No.	: Type of Construction :	: Place :	: Loca- tion : No. :	: Space :	: Land * Procurement No. (Form #22A)
4		Constr. Central Storage Shelter	Ft. Greene	32	11	None
1		Constr. Central Storage Shelter	Ft. Kearney	37	7	None (Note 1)
4		Constr. Central Storage Shelter for additional light	Ft. Kearney	37	1	None
1		Constr. Central Storage Shelter	Ft. Wetherill	43	5	None (Note 1)
1		Constr. Central Storage Shelter	Ft. Adams	44	11	None (Note 1)
4		Constr. Central Storage Shelter for additional lights	Ft. Adams	44	2	None
4		Constr. Central Storage Shelter	Ft. Church	47	8	None

Note 1: - See Par. 1, Letter (Secret) OCCA, March 7, 1941,
Subject: "Shelters for Portable H. D. and A. A.
Searchlights."

NOTE: * If no additional land is required enter "None".

S E C R E T

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S E C R E T

Form 24. Annex C

H. D. of Narragansett Bay

COST ESTIMATE AND PRIORITY GUIDE

SEACOAST SEARCHLIGHTS

Prior: ityNo:	Item: No.	Loc. No.	Description : of Project	Exhi- bit :	Cost Itemized *	:Cost of: :Land :	Total Cost #
4	29		Searchlights No. 1 and 2	4-C-3	<u>Engineer</u> \$45,000.00		
					<u>Signal</u> \$ 485.60	None	\$45,485.60
4	30		Searchlights No. 3 and 4	4-C-3	<u>Engineer</u> \$46,000.00		
					<u>Signal</u> \$ 485.60	None	\$46,485.60
4	32		Searchlights No. 5 and 6	4-C-3	<u>Engineer</u> \$46,000.00		
					<u>Signal</u> \$ 485.60	None	\$46,485.60
1	33		Searchlights No. 7 and 8	4-C-4	<u>Engineer</u> \$ None		
					<u>Signal</u> \$ 37.00	None	\$ 37.00
1	34-A		Searchlights No. 9 and 10	4-C-4	<u>Engineer</u> \$ None		
					<u>Signal</u> \$ 148.00	None	\$ 148.00
1	36		Searchlight No. 11	4-C-5	<u>Engineer</u> \$ None		
					<u>Signal</u> \$ 187.30	None	\$ 187.30
1	43		Searchlight No. 12	4-C-5	<u>Engineer</u> \$ None		
					<u>Signal</u> \$ None	None	\$ None
1	45-A		Searchlight No. 13	4-C-5	<u>Engineer</u> \$ 1500.00		
					<u>Signal</u> \$ 242.80	None	\$ 1742.80
4	45-A		Searchlight No. 14	4-C-6	<u>Engineer</u> \$22,500.00		
					<u>Signal</u> \$ 242.80	None	\$22,742.80
1	45-B		Searchlights No. 15 and 16	4-C-6	<u>Engineer</u> \$ None		
					<u>Signal</u> \$ 222.00	None	\$ 222.00
4	46		Searchlights No. 17 and 18	4-C-6	<u>Engineer</u> \$45,000.00		
					<u>Signal</u> \$ 441.60	None	\$45,441.60
1	48		Searchlights No. 19 and 20	4-C-7	<u>Engineer</u> \$ None		
					<u>Signal</u> \$ 74.00	None	\$ 74.00

NOTES: * Itemize cost, exclusive of land and communications cables of all types, by branch concerns, as "Engineer", "Signal", "Ordnance", "Quartermaster". Include telephones.

‡ If land required is to be bought for the project named, or is part of an area to be acquired for other installations, enter the location number from Form #22A in this column also.

Do not include cost of subaqueous or subterranean communications cables.

S E C R E T

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S E C R E T

Form 24, Annex C

H. D. of Narragansett Bay

COST ESTIMATE AND PRIORITY GUIDE

SEACOAST SEARCHLIGHTS

Prior: ityNo:	Item: No.	Loc. :No.	Description :of Project	Exhi- : bit	Cost Itemized *	:Cost of: :Land	of: /	Total Cost #
4	50		Searchlights No. 21 and 22	4-C-7	Engineer \$45,000.00			
					Signal \$ 374.60	None		\$45,374.60
4	57		Searchlights No. 23 and 24	4-C-7	Engineer \$42,000.00			
					Signal \$ 411.60	None		\$42,411.60
4	59		Searchlights No. 25 and 26	4-C-8	Engineer \$42,000.00			
					Signal \$ 411.60	None		\$42,411.60
4	60		Searchlights No. 27 and 28	4-C-8	Engineer \$42,000.00			
					Signal \$ 448.60	None		\$42,448.60
4	60		Searchlights No. 29 and 30	4-C-8	Engineer \$42,000.00			
					Signal \$ 448.60	None		\$42,448.60
4	60-2		Searchlights No. 31 and 32	4-C-9	Engineer \$42,000.00			
					Signal \$ 448.60	None		\$42,448.60
4	60-4		Searchlights No. 33 and 34	4-C-9	Engineer \$42,000.00			
					Signal \$ 559.60	None		\$42,559.60
4	40		Searchlights No. 35 and 36	4-C-9	Engineer \$42,000.00			
					Signal \$ None	None		\$42,000.00
					Total Engineer Cost:	\$545,000.00		
					Total Signal Cost:	\$ 6,125.50		
						\$551,125.50		

NOTES: * Itemize cost, exclusive of land and communications cables of all types, by branch concerns, as "Engineer", "Signal", "Ordnance", "Quartermaster". Include telephones.
 / If land required is to be bought for the project named, or is part of an area to be acquired for other installations, enter the location number from Form #22A in this column also.
 # Do not include cost of subaqueous or subterranean communications cables.

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S E C R E T

Form 24A - Annex C

H. D. of Narragansett Bay

ENGINEER AND SIGNAL EQUIPMENT

SEACOAST SEARCHLIGHTS

Location No. 29, Site No. 1 Searchlights No. 1 and 2

ENGINEER EQUIPMENT:

2 Portable searchlights (AA type) with power
plant, control station and shelter at \$21,000 ea. \$42,000

2 Searchlight towers, demountable (25-ft.) at \$1,500 ea. 3,000
Total \$45,000

SIGNAL EQUIPMENT:

8 Telephones, portable, EE-8 at \$29.70 ea. \$237.60

4 Head and chest sets, HS-17-A at \$25.00 ea. 100.00

4 Miles field wire, W-110 on reel Dr-4
(1/2 mile length) at \$37.00 per mile 148.00
Total \$485.60

Location No. 30, Site No. 1 Searchlights No. 3 and 4

ENGINEER EQUIPMENT:

2 Portable searchlights (AA type) with power
plant, control station, and shelter at \$21,000 ea. \$42,000

2 Searchlight towers, demountable (35-ft.) at \$2,000 ea. 4,000
Total \$46,000

SIGNAL EQUIPMENT:

8 Telephones, portable, EE-8 at \$29.70 \$237.60

4 Head and chest sets, HS-17-A at \$25.00 ea. 100.00

4 Miles, field wire, W-110 on reel Dr-4
(1/2 mile length) at \$37.00 per mile 148.00
Total \$485.60

Location No. 32, Site No. 1 Searchlights No. 5 and 6

ENGINEER EQUIPMENT:

2 Portable searchlights (AA type) with power
plant, control station, and shelter at \$21,000 ea. \$42,000

2 Searchlight towers, demountable (35-ft.) at \$2,000 ea. 4,000
Total \$46,000

SIGNAL EQUIPMENT:

8 Telephones, portable, EE-8 at \$29.70 237.60

4 Head and chest sets, HS-17-A at \$25.00 ea. 100.00

4 Miles, field wire, W-110 on reel Dr-4
(1/2 mile length) at \$37.00 per mile 148.00
Total \$485.60

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Exhibit 4-C, Page 3 of 9 pages

S E C R E T

Form 24A - Annex C

H. D. of Narragansett Bay

ENGINEER AND SIGNAL EQUIPMENT

SEACOAST SEARCHLIGHTS

Location No. 33, Site No. 1

Searchlights No. 7 and 8

ENGINEER EQUIPMENT:

2 Portable searchlights (AA type) with power plant, control station, and shelter at \$21,000 ea. On hand

2 Searchlight towers, demountable (35-ft.) at \$2,000 ea. Note 1

Total None

SIGNAL EQUIPMENT:

6 Telephones, portable, EE-8 at \$29.70 Note 1

4 Head and chest sets, HS-17-A at \$25.00 Note 1

2 Hand sets Note 1

1 Mile field wire, W-110 on reel Dr-4
(1/2 mile length) at \$37.00 per mile \$37.00

Total \$37.00

Note 1: - Included in Approved Augmented Expenditure Program,
HD Narragansett Bay, Item 63.

Location No. 34-A

Searchlights No. 9 and 10

ENGINEER EQUIPMENT:

2 Portable searchlights (AA type) with power plant, control station, and shelter at \$21,000 ea. On hand

2 Searchlight towers, demountable (35-ft.) at \$2,000 ea. Note 1

Total None

SIGNAL EQUIPMENT:

6 Telephones, portable, EE-91 Note 1

4 Head and chest sets, HS-17-A at \$25.00 ea. Note 1

2 Hand sets Note 1

4 Miles field wire, W-110 on reel Dr-4
(1/2 mile length) at \$37.00 per mile \$148.00

Total \$148.00

Note 1: Included in Approved Augmented Expenditure Program,
HD Narragansett Bay, Item 62.

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S E C R E T

Form 24A - Annex C

H. D. of Narragansett Bay

ENGINEER AND SIGNAL EQUIPMENT

SEACOAST SEARCHLIGHTS

Location No. 36, Site No. 1	Searchlight No. 11
-----------------------------	--------------------

ENGINEER EQUIPMENT:

1 Portable Searchlights (AA type) with power plant, control station, and shelter at \$21,000 ea.	On hand
Total	None

SIGNAL EQUIPMENT:

4 Telephones, portable, EE-8 at \$29.70	\$118.80
2 Head and chest sets, HS-17-A at \$25.00	50.00
1/2 Miles, field wire, W-110 on reel Dr-4 (1/2 mile length) at \$37.00 per mile	18.50
Total	\$187.30

Location No. 43, Site No. 1	Searchlight No. 12
-----------------------------	--------------------

ENGINEER EQUIPMENT:

1 Fixed Searchlight with power plant, control station, and shelter at \$21,000 ea.	On hand
Total	None

SIGNAL EQUIPMENT:

1 Telephone, Wall Ca T wood	On hand
1 Hand set, EE-70	On hand
Total	None

Location No. 45-A, Site No. 1	Searchlight No. 13
-------------------------------	--------------------

ENGINEER EQUIPMENT:

1 Portable Searchlight (AA type) with power plant, control station, and shelter at \$21,000 ea.	On hand
1 Searchlight tower, demountable (25-ft.) at \$1,500 ea.	\$1,500.00
Total	\$1,500.00

SIGNAL EQUIPMENT:

4 Telephones, portable, EE-8 at \$29.70	\$118.80
2 Head and chest sets, HS-17-A at \$25.00	50.00
2 Miles, field wire, W-110 on reel Dr-4 (1/2 mile length) at \$37.00 per mile	74.00
Total	\$242.80

S E C R E T

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S E C R E T

Form 24A - Annex C

H. D. of Narragansett Bay

ENGINEER AND SIGNAL EQUIPMENT

SEACOAST SEARCHLIGHTS

Location 45-A, Site No. 1 Searchlight No. 14

ENGINEER EQUIPMENT:

1 Portable Searchlight (AA Type) with power plant, control station, and shelter at \$21,000 ea.	\$21,000
1 Searchlight tower, demountable (25-ft.) at \$1,500 ea.	1,500
Total	\$22,500

SIGNAL EQUIPMENT:

4 Telephones, portable, EE-8 at \$29.70	\$118.80
2 Head and chest sets, HS-17-A at \$25.00	50.00
2 Miles, field wire, W-110 on reel Dr-4 (1/2 mile length) at \$37.00 per mile	74.00
Total	\$242.80

Location 45-B, Site No. 1 Searchlights No. 15 & 16

ENGINEER EQUIPMENT:

2 Portable Searchlights (AA Type) with power plant, control station, and shelter at \$21,000 ea.	On hand
2 Searchlight towers, demountable, (35-ft.) at \$2,000 ea.	Note 1
Total	None

SIGNAL EQUIPMENT:

6 Telephones, portable, EE-8 at \$29.70	Note 1
4 Head and chest sets, HS-17-A at \$25.00	Note 1
2 Hand sets	Note 1
6 Miles, field wire, W-110 on reel Dr-4 (1/2 mile length) at \$37.00 per mile	\$222.00
Total	\$222.00

Location 46, Site No. 1 Searchlights No. 17 & 18

ENGINEER EQUIPMENT:

2 Portable Searchlights (AA Type) with power plant, control station, and shelter at \$21,000 ea.	\$42,000
2 Searchlight towers, demountable, (25-ft.) at \$1,500 ea.	3,000
Total	\$45,000

SIGNAL EQUIPMENT:

8 Telephones, portable, EE-8 at \$29.70	\$237.60
4 Head and chest sets, HS-17-A at \$25.00	100.00
2 Miles, field wire, W-110 on reel Dr-4 (1/2 mile length) at \$37.00 per mile	74.00
Total	\$411.60

Note 1: Included in Approved Augmented Expenditure Program, Harbor Defense Narragansett Bay, Item 60.

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S E C R E T

Form 24A - Annex C

E. D. of Narragansett Bay

ENGINEER AND SIGNAL EQUIPMENT

SEACOAST SEARCHLIGHTS

Location 48, Site No. 1 Searchlights No. 19 & 20

ENGINEER EQUIPMENT:

2 Portable Searchlights (AA type) with power plant, control station, and shelter at \$21,000 ea.	On hand
2 Searchlight towers, demountable, (35-ft.) at \$2,000 ea.	Note 1
Total	None

SIGNAL EQUIPMENT:

6 Telephones, portable, EE-3 at \$29.70	Note 1
4 Head and chest sets HS-17-A at \$25.00	Note 1
2 Hand sets	Note 1
2 Miles, field wire, W-110 on reel Dr-4 (1/2 mile length) at \$37.00 per mile	\$74.00
Total	\$74.00

Location 50, Site No. 1 Searchlights No. 21 & 22

ENGINEER EQUIPMENT:

2 Portable Searchlights (AA type) with power plant, control station, and shelter at \$21,000 ea.	\$42,000
2 Searchlight towers, demountable, (25-ft.) at \$1,500 ea.	3,000
Total	\$45,000

SIGNAL EQUIPMENT:

8 Telephones, portable, EE-8 at \$29.70	\$237.60
4 Head and chest sets, HS-17-A at \$25.00	100.00
1 Mile, field wire, W-110 on reel Dr-4 (1/2 mile length) at \$37.00 per mile	37.00
Total	\$374.60

Location 57, Site No. 1 Searchlights No. 23 & 24

ENGINEER EQUIPMENT:

2 Portable Searchlights (AA type) with power plant, control station, and shelter at \$21,000 ea.	\$42,000
Total	\$42,000

SIGNAL EQUIPMENT:

8 Telephones, portable, EE-8 at \$29.70	\$237.60
4 Head and chest sets, HS-17-A at \$25.00	100.00
2 Miles, field wire, W-110 on reel Dr-4 (1/2 mile length) at \$37.00 per mile	74.00
Total	\$411.60

Note 1: Included in Approved Augmented Expenditure Program, Harbor Defense Narragansett Bay, Item 61.

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S E C R E T

Form 24A - Annex C

H. D. of Narragansett Bay

ENGINEER AND SIGNAL EQUIPMENT

SEACOAST SEARCHLIGHTS

Location 59, Site No. 1 Searchlights No. 25 & 26

ENGINEER EQUIPMENT:

2 Portable Searchlights (AA type) with power plant, control station, and shelter at \$21,000 ea.	\$42,000
Total	\$42,000

SIGNAL EQUIPMENT:

8 Telephones, portable, EE-8 at \$29.70	\$237.60
4 Head and ohest sets, HS-17-A at \$25.00	100.00
2 Miles, field wire, W-110 on reel Dr-4 (1/2 mile length) at \$37.00 per mile	74.00
Total	\$411.60

Location 60, Site No. 4 Searchlights No. 27 & 28

ENGINEER EQUIPMENT:

2 Portable Searchlights (AA type) with power plant, control station, and shelter at \$21,000 ea.	\$42,000
Total	\$42,000

SIGNAL EQUIPMENT:

8 Telephones, portable, EE-8 at \$29.70	\$237.60
4 Head and ohest sets, HS-17-A at \$25.00	100.00
3 Miles, field wire, W-110 on reel Dr-4 (1/2 mile length) at \$37.00 per mile	111.00
Total	\$448.60

Location 60, Site No. 3 Searchlights No. 29 & 30

ENGINEER EQUIPMENT:

2 Portable Searchlights (AA type) with power plant, control station, and shelter at \$21,000 ea.	\$42,000
Total	\$42,000

SIGNAL EQUIPMENT:

8 Telephones, portable, EE-8 at \$29.70	\$237.60
4 Head and ohest sets, HS-17-A at \$25.00	100.00
3 Miles, field wire, W-110 on reel Dr-4 (1/2 mile length) at \$37.00 per mile	111.00
Total	\$448.60

S E C R E T

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S E C R E T

Form 24A - Annex C

H. D. of Narragansett Bay

ENGINEER AND SIGNAL EQUIPMENT

SEACOAST SEARCHLIGHTS

Location 60, Site No. 2 Searchlights No. 31 & 32

ENGINEER EQUIPMENT:

2 Portable Searchlights (AA type) with power plant, control station, and shelter at \$21,000 ea.	\$42,000
Total	\$42,000

SIGNAL EQUIPMENT:

8 Telephones, portable, EE-8 at \$29.70	\$237.60
4 Head and chest sets, HS-17-A at \$25.00	100.00
3 Miles, field wire, W-110 on reel Dr-4 (1/2 mile length) at \$37.00 per mile	111.00
Total	\$448.60

Location 60, Site No. 4 (Sandy Pt.) Searchlights No. 33 & 34

ENGINEER EQUIPMENT:

2 Portable Searchlights (AA type) with power plant, control station, and shelter at \$21,000 ea.	\$42,000
Total	\$42,000

SIGNAL EQUIPMENT:

8 Telephones, portable, EE-8 at \$29.70	\$237.60
4 Head and chest sets, HS-17-A at \$25.00	100.00
6 Miles, field wire, W-110 on reel Dr.-4 (1/2 mile length) at \$37.00 per mile	222.00
Total	\$559.60

Location No. 44, Site No. 1 Searchlights No. 35 & 36

ENGINEER EQUIPMENT:

2 Portable Searchlights (AA type) with power plant, control station, and shelter at \$21,000 ea.	\$42,000
Total	\$42,000

SIGNAL EQUIPMENT:

None	Total	None
------	-------	------

S E C R E T

HARBOR DEFENSES OF NARRAGANSETT BAY

EXHIBITS - ANNEX D

EXHIBIT

CONTENTS

1-D

Underwater Defenses

2-D

Cost Estimate and Priority Guide
Underwater Defenses

S E C R E T

Form 25. Annex D

H. D. of Narragansett Bay

UNDERWATER DEFENSES

The underwater defense project of these Harbor Defenses is prescribed in ANNEXES TO HARBOR DEFENSE PROJECT, Harbor Defense of Narragansett Bay.

The following changes and additions to this project, recommended by the Board, are included and described in the "Cost Estimate and Priority Guide, UNDERWATER DEFENSES", Form #26.

1. Proposed changes in location of cable huts and casemate:
 - a. Proposed location of cable huts at the deepest points of Hull Cove and Austin Hollow. Cable may be readily landed and buried in the sand and shale of the beach.
 - b. Casemate. One for 12 panels. Drainage, economy of cable, and ease of construction, all point to a location on the northern slope of Hill (Beavertail) near Hull Cove.
 - c. With a casemate thus located the mine fields of the west passage and east passage would require but one electrician, one power plant operator and one telephone man on command line to each plotting room (per relief).
 - d. A saving of cable in the east passage of about 42,800 ft. and in the west passage of about 27,265 ft. would be effected. Total saving of cable about 70,065 ft. (Saving in cable cost, \$15,275 over the present project)
 - e. As the present casemates are now in magazines of existing or obsolete batteries, (Battery Tousard at Fort Getty and Battery Zook at Fort Wetherill), the expense of bomb proofing these structures could be applied toward the construction of a new bombproof casemate.
 - f. Advantages:
 - (1) Avoid interference with Navy nets and booms.
 - (2) Saving of about 6000 ft. of cable to each distribution box.
 - (3) Reduce the number of men required to man the casemates.
2. Tanks for the storage of gasoline and oil at the mine dock Fort Wetherill would be a distinct advantage, and would facilitate the refueling of the numerous mine craft.

S E C R E T

Exhibit 1-D, Page 1 of 2 pages

S E C R E T

Form 25. Annex D

H. D. of Narragansett Bay

UNDERWATER DEFENSES

3. Enlargement of the dock area by filling the area between the dock and the old mine storehouse, removal of the railroad tracks and resurfacing of the mine dock at Fort Wetherill would facilitate the movement of cable, mines and other equipment to the mine planter. Small solid rubber tired trailers towed by Fordson or equal tractors would permit flexibility in the handling of mine equipment in the warehouse, on the dock and at the loading room.
4. There exists in the harbor at Fort Wetherill a submerged rock obstacle which is a menace to navigation especially in storms, fog or darkness. The removal of this obstacle would be advantageous in the manou:vering of the mine planter.
5. Flood lights for use on the dock are a necessity. It would be extremely difficult to load equipment without lights.
6. A new pump for filling the cable tank is required. The pump now in use is in poor condition, badly worn and practically useless.
7. Restricted letter # 7 OCCA, June 3, 1941, Subject: "Vessels for Mine Commands" (Reference No. 9) authorizes the following for the Harbor Defenses of Narragansett Bay:
 - a. 2 Mine Planters
 - b. 3 D. B. Boats
 - c. 7 Mine Yawls

S E C R E T

Exhibit 1-D, Page 2 of 2 pages

S E C R E T

Form #26. Annex D

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

UNDERWATER DEFENSES

Pri-18 ority: No. :	Loca-: Item: No. :	Place and Description of Project	Exhi-: bit : No. :	Cost Itemized *	Total Cost
1	42	Hull Cove New Line Project	Exh. 1-II-1		
		Line Casemate (Combine M-1&II-2)	Engineer	\$60,000	\$60,000
1	42	Hull Cove Two Line Cable Huts. (\$750 each)	Engineer	\$1500	\$1500
1	43	Fort Wetherill Removal of tracks from Line Wharf, filling in at south side and resurfacing with concrete.	Engineer	\$25,000	\$25,000
1	43	Fort Wetherill Removal of rock obstacle from Line Harbor.	Engineer	\$40,000	\$40,000
1	43	Fort Wetherill Pump for filling cable tank with water.	Engineer	\$3000	\$3000
1	43	Fort Wetherill 2 Fordson or equal tractors. (For use on Line Dock.) (\$3000 each)	Engineer	\$6000	\$6000
1	43	6 Solid rubber tire trailers. (For use in Mine Command.) (\$1000 each)	Engineer	\$6000	\$6000
		TOTALS			

NOTES: * Itemize cost, exclusive of land and communications cables of all types, by branch concerned, as "Engineers", "Signal", "Ordnance", "Submarine Mine", "Quartermaster".
If land is required for a project or is part of an area to be acquired for other installations, enter the location number from the "Summary of Land Procurement Recommended", Form #33, in this column.
† Do not include cost of subaqueous or subterranean communications cables.

S E C R E T

Exhibit 2-D, Page 1 of 3 pages.

Cost Estimate and Priority Guide

UNDERWATER DEFENSES

Pri- ority: No. :	Loca- tion: No. :	Place and Description of Project	Exhi- bit : No. :	Cost Itemized *	Total Cost
1	43	Fuel oil tank 2000 gal. capacity for Mine Command		Engineer \$1000	\$1000
1	43	Gasoline tank 2000 gal. capacity for Mine Command		Engineer \$1000	\$1000
1	43	Flood lights for Mine Dock Ft. Wetherill		Engineer \$500	\$500
1	43	Cable burn-out tank		Engineer \$1700	\$1700
1	43	Shed for storage of cable test set		Engineer \$300	\$300
Subtotal				\$146,000	\$146,000
Cost of Engineer construction for Mine Casemate and two cable huts at Hull Cove (Included in Annex B, Exhibit 8-B-8)				\$61,500	\$61,500
Total (Annex D)				\$84,500 (Engineer)	\$84,500 (Engineer)

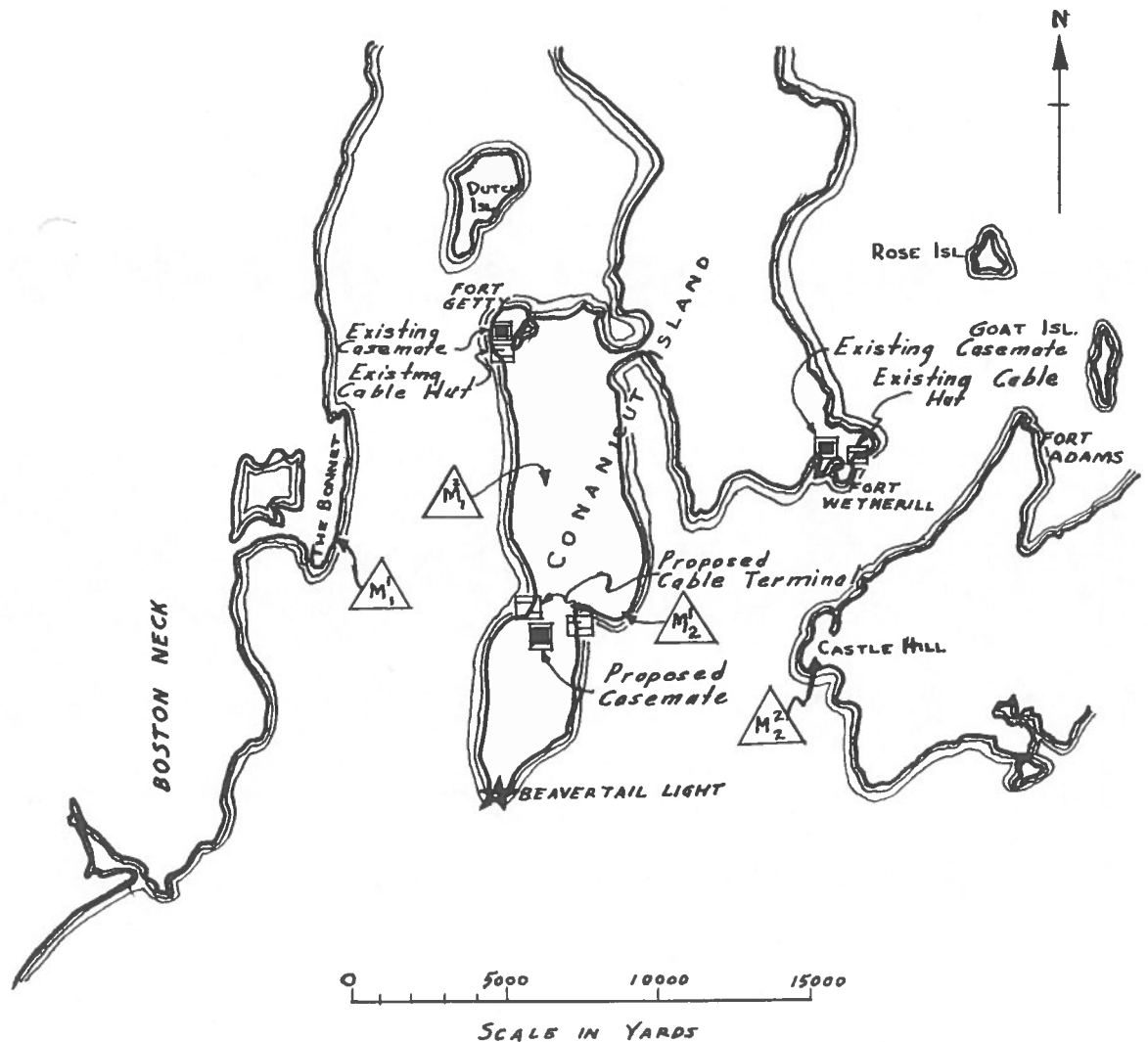
NOTES: * Itemize cost, exclusive of land and communications cables of all types, by branch concerned, as "Engineers", "Signal", "Ordnance", "Submarine Mine", "Quartermaster".
If land is required for a project or is part of an area to be acquired for other installations, enter the location number from the "Summary of Land Procurement Recommended", Form #33, in this column.
Do not include cost of subaqueous or subterranean communications cables.

S E C R E T

Form #26 Annex D

HD of Narragansett Bay

UNDERWATER DEFENSES



S E C R E T

HARBOR DEFENSES OF NARRAGANSETT BAY

EXHIBITS - ANNEX E

<u>EXHIBIT</u>	<u>CONTENTS</u>
1-E	List of 3" Fixed Anti-aircraft Gun Batteries
2-E	Anti-aircraft Searchlights
3-E	Anti-aircraft Automatic Weapons
4-E	Anti-aircraft Intelligence Service
5-E	Cost Estimate and Priority Guide Anti-aircraft Artillery

S E C R E T

Form #27. Annex E

H. D. of Narragansett Bay

LIST OF 3-INCH FIXED ANTIAIRCRAFT GUN BATTERIES

Btry. No.	of Guns	Loca: tion: No.	Site: No.	Item: No.	Place and land Req.	Exhibit	Type	Bat. All. Am.	Place of Storage
3	3	43	1		No	1-E-2	(2) M1917 Fixed M1A2 (1) M1917 Fixed A2	1800'	1798 Rds at Btry Walbach
4	3	44	1		No	1-E-2	M1917 Fixed A2	1800'	1471 Rds at the redoubt

Authority: Table A, Letter WD-OCA 660.2 (Secret) Oct. 23, 1940

NOTE: * In regard to land requirements, answer "yes" or "no" in this column. If land procurement is involved, give details on this sheet after the tabulation for the position.

S E C R E T

Exhibit 1-E, Page 1 of 1 page

S E C R E T

Form #28. Annex E

H. D. of Narragansett Bay

ANTI-AIRCRAFT SEARCHLIGHTS

AA SL No.	Loca- tion No.	Site No.	Exhi- bit No.	Place	Type	No. on Hand	No. Re- quired	Is Land Required
1	35	1		Boston Neck	P	1	0	No
2	37	1		Fort Kearney	P	1	0	No
3	41	1		Beavertail	P	1	0	No
4	43	1		Ft. Wetherill	P	1	0	No
5	43A	1		Conanicut Is. 1800 yd East of East end of Jamestown Bridge	P	1	0	No
6	45	1		Brenton Point	P	1	0	No
7	44	1		Ft. Adams	P	1	0	No
8	44A	1		Naval Training Station	P	1	0	No
9	45C	1		Lands End	P	0	1	No
10	45D	1		Easton Point	P	0	1	No

Auth per Par. 7a: See Ltr. WD A.G.O. #AG 660.2 (9-11-40) M-117-11
Sept. 25, 1940. Table A Ltr. W.D. - OGA 660.2 (Sec.) Oct. 25, 1940

No land purchase necessary. Searchlights to be placed in tactical positions when an emergency arises.

:	:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:	:

S E C R E T

Exhibit 2-E, Page 1 of 2 Pages

SECRET

Form No. 28-A, Annex B.

H. D. of Narragansett

ANTIAIRCRAFT SEARCHLIGHTS AND GUNS

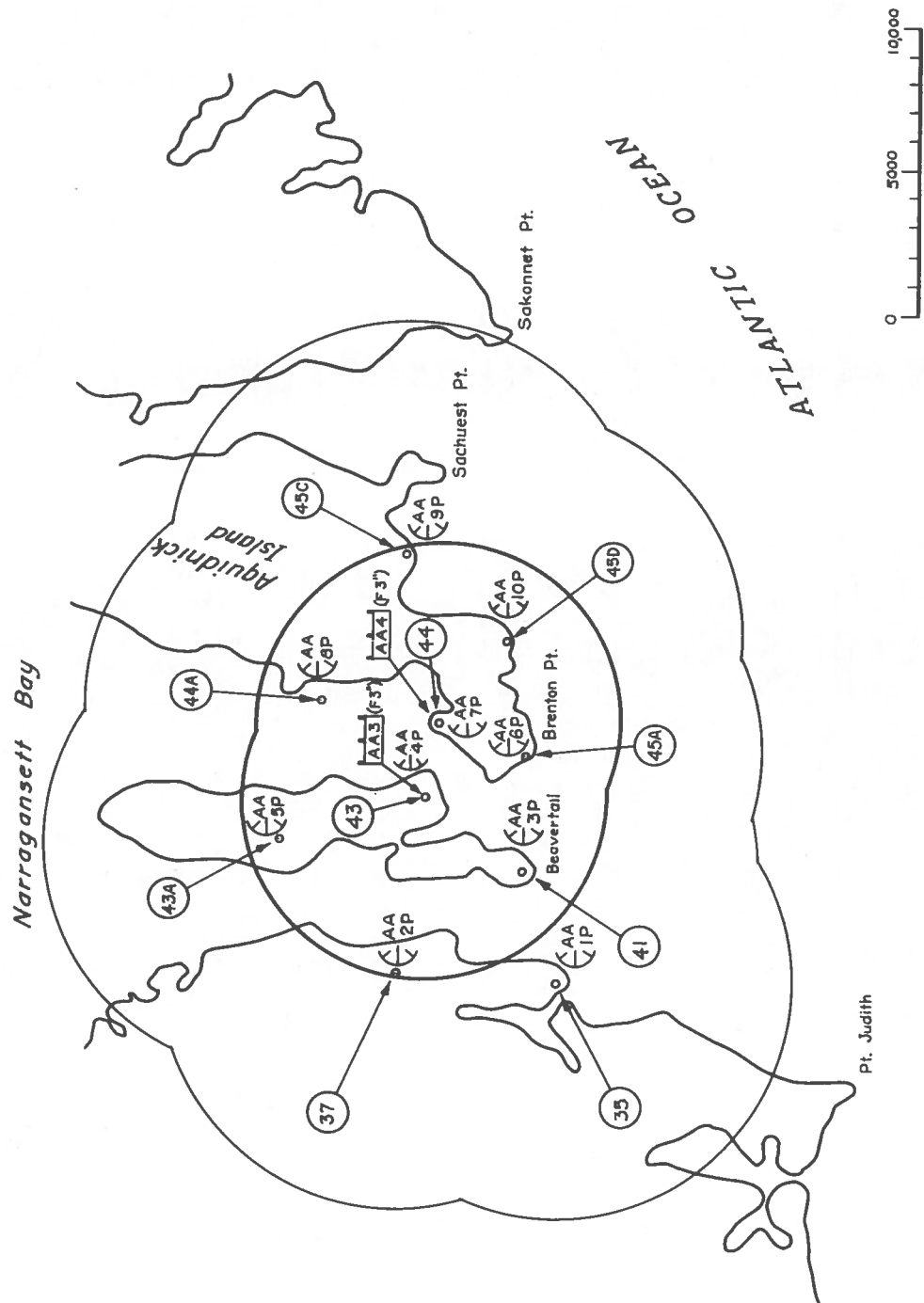


Exhibit 2-E, Page 2 of 2 pages

SECRET

S E C R E T

Form 29. Annex E. H. D. of Narragansett Bay

ANTIAIRCRAFT AUTOMATIC WEAPONS

The authorized antiaircraft automatic weapon defense is disposed as shown in the following tabulation and the indicated exhibits. Authority: Table A, Letter Subject: "Revision of AA Annex HD Projects", WD - OCCA 660.2 (Sec) Oct. 23, 1940 (Reference No. 10)

Caliber	No. of Guns	Loc. No. and Place	Site/Exhibit No.	Battles All. Amm.	Ammunition		
					Place of Storage	On Hand	Required
37 mm	2	32 A Matunuck	1	7200	Ft. Greene	0	7200
37 mm	2	33 Pt. Judith	1	7200	Ft. Greene	0	7200
37 mm	2	34 Ft. Greene	1	7200	Ft. Greene	0	7200
37 mm	2	34 Ft. Greene	1	7200	Ft. Greene	0	7200
37 mm	2	34 A Gunning Rk	1	7200	Ft. Greene	0	7200
37 mm	2	35 Boston Neck	1	7200	Ft. Greene	0	7200
37 mm	2	40 Prospect Hill	1	7200	Ft. Getty	0	7200
37 mm	2	41 Beavertail	1	7200	Ft. Getty	0	7200
37 mm	2	41 Beavertail	1	7200	Ft. Getty	0	7200
37 mm	2	43 Ft. Wetherill	1	7200	Ft. Getty	0	7200
37 mm	2	47 Ft. Church	1	7200	Ft. Church	0	7200
37 mm	2	47 Ft. Church	2	7200	Ft. Church	0	7200
37 mm	2	48 Sakonnet	1	7200	Ft. Church	0	7200
37 mm	2	49 Warren Pt.	1	7200	Ft. Church	0	7200
						Total	100,800
50 Cal MG	2	33 Pt. Judith Const. 211	1	28800	Ft. Greene	0	28800
50 Cal MG	4	34 Ft. Greene Const. 109	1	57600	Ft. Greene	0	57600

S E C R E T

Exhibit 3-E, Page 1 of 3 pages

S E C R E T

H. D. of Narragansett Bay

ANTIAIRCRAFT AUTOMATIC WEAPONS

The authorized antiaircraft automatic weapon defense is disposed as shown in the following tabulation and the indicated exhibits.

Caliber	No. of Guns	Loc. No. and Place	Site No.	Exhibit No.	Battle:	Ammunition		On Hand	Re-quired
					All. Amm.	Place of Storage			
50 Cal MG	4	34 Ft. Greene Const 108	2		57600	Ft. Greene		0	57600
50 Cal MG	2	35 Boston Neck House	1		28800	Ft. Greene		0	28800
50 Cal MG	2	35 Boston Neck Armistead	1		28800	Ft. Greene		0	28800
50 Cal MG	2	41 Beavertail Whiting	1		28800	Ft. Getty		0	28800
50 Cal MG	2	41 Beavertail Const 213	1		28800	Ft. Getty		0	28800
50 Cal MG	4	41 Beavertail Const 110	1		57600	Ft. Getty		0	57600
50 Cal MG	2	43 Ft. Wetherill Dickenson	1		28800	Ft. Getty		0	28800
50 Cal MG	2	43 Ft. Wetherill Critendon	1		28800	Ft. Getty		0	28800
50 Cal MG	2	43 Ft. Wetherill AA Btry #3	1		28800	Ft. Getty		0	28800
50 Cal MG	8	44 Ft. Adams	1		115200	Ft. Adams		0	115200
50 Cal MG	2	44 Ft. Adams AA Btry #4	1		28800	Ft. Adams		0	28800
50 Cal MG	4	47 Ft. Church Gray	1		57600	Ft. Church		0	57600
50 Cal MG	2	47 Ft. Church 8" Sak	2		28800	Ft. Church		0	28800
50 Cal MG	2	48 Sakonnet Pt. Const 212	1		28800	Ft. Church		0	28800

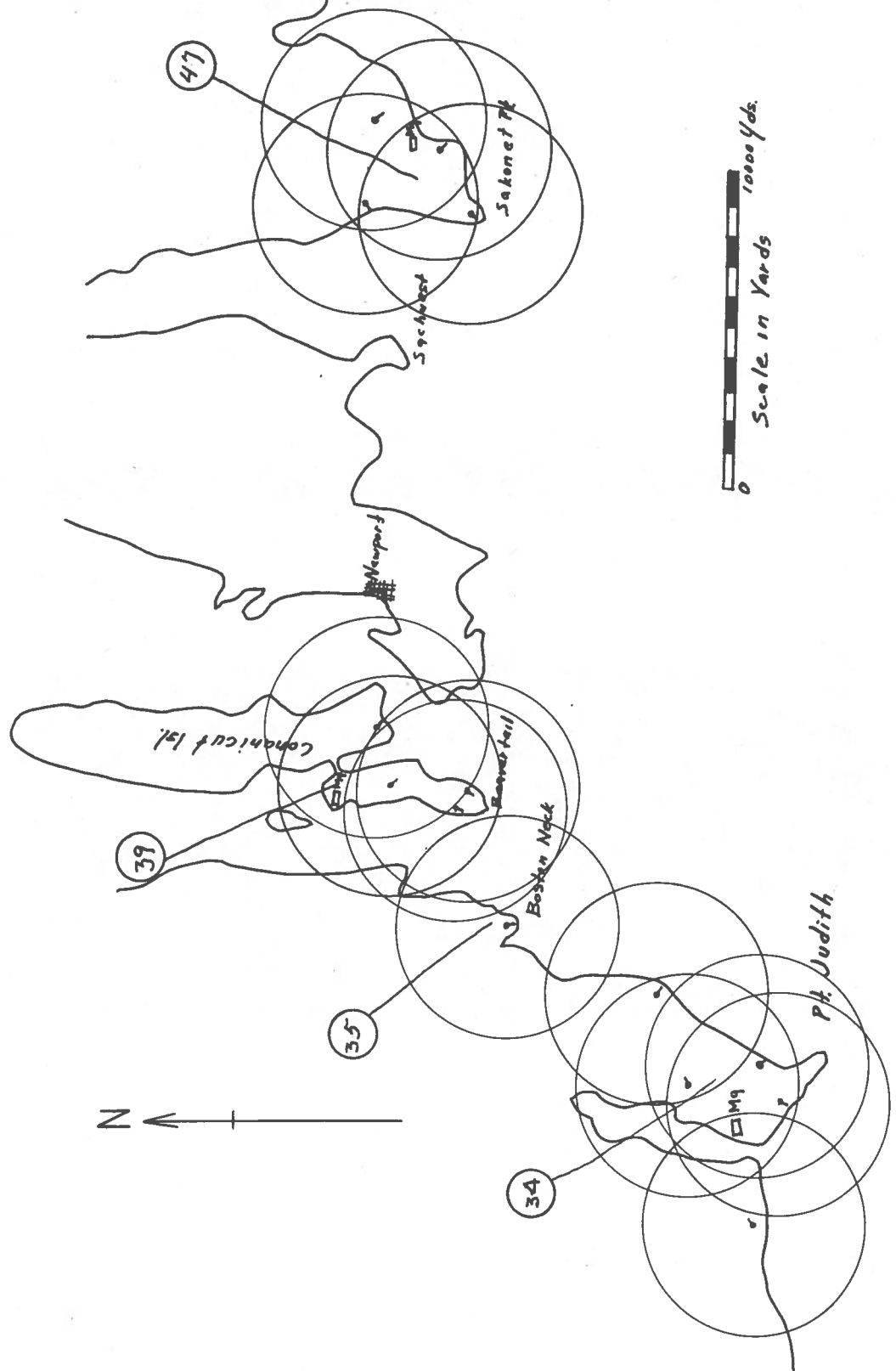
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Form 29A. Annex E

H. D. of Narragansett Bay

Location of 37mm Guns upon
completion of the Modernization Program



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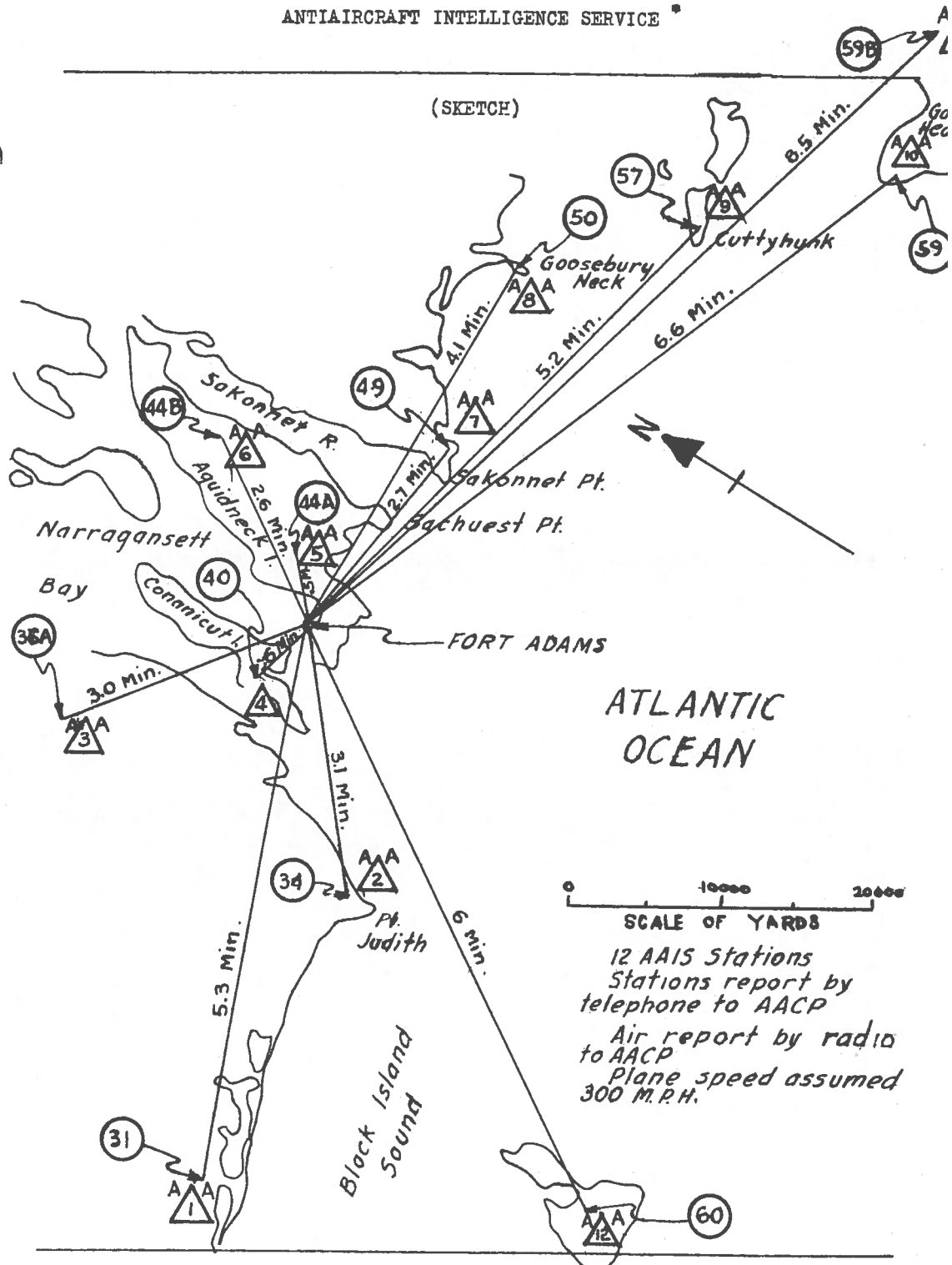
Exhibit 3-E Page 3 of 3 Pages

SECRET

Form #30. Annex E

H. D. of Narragansett Bay

ANTIAIRCRAFT INTELLIGENCE SERVICE *



NOTE: * See notes on final pages of AUGMENTED EXPENDITURE PROGRAM - SEA-COAST - 1941, and letter AG 660.2 AA (10/23/40) M-OCOA, Nov. 1, 1940 - "Revision of Antiaircraft Annex, Harbor Defense Projects".

SECRET

Exhibit 4-E, Page 1 of 1 Page

S E C R E T

Form #31. Annex E

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

ANTI-AIRCRAFT ARTILLERY

Pri- ority:	Item: No.:	Description of Project	Exhi- bit :	Cost Itemized *	Total \$ Cost
4	:	Construct three	3-E-4	Engineer	:
:	:	ammunition magazines	:	:	:
:	:	for storage of AA Weapons	:	3 HSB Magazines	\$105,000
:	:	ammunition	:	@ \$35,000 each	:
:	:	1 each at	:	:	:
:	:	Ft. Greene	:	:	:
:	:	Ft. Getty	:	:	:
:	:	Ft. Church	:	:	:
:	:	77' x 33' x 8.5	:	:	:
4	:	Signal Equipment	:	Signal	:
:	:	for AA S.L.	:	:	:
:	:	:	:	40 Telephones EE-8 @	:
:	:	:	:	\$29.70 - \$1,188.	:
:	:	:	:	12 Head & Chests Sets @	:
:	:	:	:	\$25. - \$300.	:
:	:	:	:	50 Miles Field Wire @	:
:	:	:	:	\$37. per mile - \$1,850	:
:	:	:	:	(Total - \$3,338.)	:
4	:	Signal Equipment	:	42 Telephones EE-8 @	:
:	:	for AA AW	:	\$29.70 - \$1,247.40	:
:	:	:	:	12 Head & Chests Sets	:
:	:	:	:	EE-17-A @ \$25. - \$300.	:
:	:	:	:	30 Miles Field Wire @	:
:	:	:	:	\$37. per mile - \$1,110.	\$5,995.40
:	:	:	:	(Total \$2,657.40)	\$110,995.40 TO:
:	:	:	:	:	:
:	:	:	:	:	:

NOTES: * Itemize costs, exclusive of land and communications cables of all types, by branch concerned, as "Engineer", "Signal", "Ordnance". If land is required for this project or is part of an area to be acquired for other installations, enter location number from Form #33 - "Summary of Land Procurement Recommended" - in this column.

† Do not include cost of subaqueous or subterranean communications cables.

S E C R E T

Exhibit 5-E, Page 1 of 1 page

HARBOR DEFENSES OF NARRAGANSETT BAY

EXHIBITS - ANNEX F

EXHIBITS

1-F

CONTENTS

Supporting Aircraft

S E C R E T

Annex F

H. D. of Narragansett Ba

SUPPORTING AIRCRAFT

1. MISSION:

To furnish aerial observation and surveillance for the gun defenses of this harbor defense.

2. EQUIPMENT REQUIRED:

Each subsector will require two flights of observation airplanes (three operation airplanes each) for surveillance purposes. Surveillance missions will be scheduled by the subsector. For aerial observation for the gun defenses of this harbor defense, two operating planes are required. Missions will be performed by daylight or darkness, over land and water. All planes will be equipped with two-way radio.

3. LANDING FIELDS:

a. The base landing field will be that designated by the Air Corps.

b. Landing fields will be selected by the Air Corps from those available at the time.

4. COMMUNICATIONS:

a. Telephone: By leased commercial circuit to subsector and harbor defense.

b. Radio: (1) Airplane to ground, two-way radio.
(2) Operating base to subsector.
(3) Landing field to Harbor Defense Command Station.

S E C R E T

Exhibit 1-F, Page 1 of 1 page

HARBOR DEFENSES OF NARRAGANSETT BAY

EXHIBITS - ANNEX G

EXHIBIT

CONTENTS

1-G

Cost Estimate and Priority Guide Gas Defense

S E C R E T

Form No. 32. Annex G

H. D. of Narragansett Bay

Cost Estimate and Priority Guide

GAS DEFENSE

Pri- ority:	Items: No.:	Loc.: No.:	Site: No.:	Place and Elements to be protected.	: Cost : Itemized	: Total : Cost
2	33			<u>POINT JUDITH</u>		
	1-A			Const. #211-Plot Rm. and Latrine		
				2 Collective Protectors	\$1,600	
				8 Reserve Canisters	2,160	
				Total		\$3,760 (CWS)
				Engineer installation:		
				Material	\$ 200	
				Labor	200	
				Contingency	80	
				Total		\$ 480 (Eng)
3	34			<u>FORT GREENE</u>		
	1-A			Const. #109-Plot Rm, Radio Rm, FSB		
				4 Collective Protectors	\$3,200	
				16 Reserve Canisters	4,320	
				Total		\$7,520 (CWS)
				Engineer installation:		
				Material	\$ 400	
				Labor	400	
				Contingency	160	
				Total		\$ 960 (Eng)
3	1-B			Const. #109 Latrine		
				1 Collective Protector	\$ 800	
				4 Reserve Canisters	1,080	
				Total		\$1,880 (CWS)
				Engineer installation:		
				Material	\$ 100	
				Labor	100	
				Contingency	40	
				Total		\$ 240 (Eng)
1	2-A			Const. #108 Latrine		
				1 Collective Protector	\$ 800	
				4 Reserve Canisters	1,080	
				Total		\$1,880 (CWS)
				Engineer installation:		
				Material	\$ 100	
				Labor	100	
				Contingency	40	
				Total		\$ 240 (Eng)
1	2-B			Const. #108 Plot Rm, Radio Rm, FSB		
				4 Collective Protectors	\$3,200	
				16 Reserve Canisters	4,320	
				Total		\$7,520 (CWS)
				Engineer installation:		
				Material	\$ 400	
				Labor	400	
				Contingency	160	
				Total		\$ 960 (Eng)
1	35			<u>BOSTON NECK</u>		
	1-D			Btry. House Plot Rm.		
				2 Collective Protectors	\$1,600	
				8 Reserve Canisters	2,160	
				Total		\$3,760 (CWS)
				Engineer installation:		
				Material	\$ 200	
				Labor	200	
				Contingency	80	
				Total		\$ 480 (Eng)

S E C R E T

GAS DEFENSE

Pri- ority:	Item: No.:	Loc.: No.:	Site: No.:	Place and Elements to be protected.	: Cost : Itemized	: Total : Cost
1	39			<u>FORT GETTY</u>		
		1-B	FSB	1 Collective Protector	\$ 800	
				4 Reserve Canisters	1,080	
				Total		\$1,880 (CWS)
				Engineer installation:		
				Material	\$ 500	
				Labor	1,000	
				Contingency	300	
				Total		\$1,800 (Eng)
1	40			<u>PROSPECT HILL</u>		
		1-F	MC ₁	Plot Rm.		
				1 Collective Protector	\$ 800	
				4 Reserve Canisters	1,080	
				Total		\$1,880 (CWS)
				Engineer installation:		
				Material	\$ 500	
				Labor	1,000	
				Contingency	300	
				Total		\$1,800 (Eng)
1		1-D	MC ₂	Plot Rm.		
				1 Collective Protector	\$ 800	
				4 Reserve Canisters	1,080	
				Total		\$1,880 (CWS)
				Engineer installation:		
				Material	\$ 500	
				Labor	1,000	
				Contingency	300	
				Total		\$1,800 (Eng)
2	41			<u>BEAVERTAIL POINT</u>		
		1-B	Const. #213	Plot Rm. and Latrine		
				2 Collective Protectors	\$1,600	
				8 Reserve Canisters	2,160	
				Total		\$3,760 (CWS)
				Engineer installation:		
				Material	\$ 200	
				Labor	200	
				Contingency	80	
				Total		\$ 480 (Eng)
1		1-D	S.D.C.P.			
				2 Collective Protectors	\$1,600	
				8 Reserve Canisters	2,160	
				Total		\$3,760 (CWS)
				Engineer installation		
				Material	\$ 200	
				Labor	200	
				Contingency	80	
				Total		\$ 480 (Eng)
3		1-E	Const. #110	Plot Rm, Radio Rm, FSB		
				4 Collective Protectors	\$3,200	
				16 Reserve Canisters	4,320	
				Total		\$7,520 (CWS)
				Engineer installation:		
				Material	\$ 400	
				Labor	400	
				Contingency	160	
				Total		\$ 960 (Eng)

GAS DEFENSE

Pri- ority:	Item: No.:	Loc.: No.:	Site: No.:	Place and Elements to be protected.	: Cost : Itemized :	: Total : Cost
(cont'd)	3			1-F Const. #110 Latrine		
				1 Collective Protector	\$ 800	
				4 Reserve Canisters	1,080	
				Total		\$1,880 (CWS)
				Engineer installation:		
				Material	\$ 100	
				Labor	100	
				Contingency	10	
				Total		\$ 210 (Eng)
1		42		<u>HULL COVE</u>		
				1-B Casemates MC ₁ & MC ₂		
				2 Collective Protectors	\$1,600	
				8 Reserve Canisters	2,160	
				Total		\$3,760 (CWS)
				Engineer installation:		
				Material	\$ 200	
				Labor	200	
				Contingency	80	
				Total		\$ 480 (Eng)
1		43		<u>FORT WETHERILL</u>		
				1-A Batry. Dickenson Plot Rm.		
				2 Collective Protectors	\$1,600	
				8 Reserve Canisters	2,160	
				Total		\$3,760 (CWS)
				Engineer installation:		
				Material	\$1,000	
				Labor	2,000	
				Contingency	600	
				Total		\$3,600 (Eng)
1				1-B FSB		
				1 Collective Protector	\$ 800	
				4 Reserve Canisters	1,080	
				Total		\$1,880 (CWS)
				Engineer installation:		
				Material	\$ 500	
				Labor	1,000	
				Contingency	300	
				Total		\$1,800 (Eng)
1		44		<u>FORT ADAMS</u>		
				1-B HDGP		
				2 Collective Protectors	\$1,600	
				8 Reserve Canisters	2,160	
				Total		\$3,760 (CWS)
				Engineer installation:		
				Material	\$ 200	
				Labor	200	
				Contingency	80	
				Total		\$ 480 (Eng)

Note: This project contemplates the use of decontaminating apparatus and materials for each battery as follows:
 2 sets of 3 gallon hand demustardizing apparatus of the pressure type.
 2,000 lbs. of demustardizing agent (chloride of lime).
 3,750 lbs. of acetylene tetrachloride.

GAS DEFENSE

Pri- ority:	Item: No.:	Loco- :No.:	Site: :No.:	Place and Elements to be protected.	Cost : Itemized :	Total Cost
1	47			<u>FORT CHURCH</u>		
	1-B			Btry. Gray Plot Rm, FSB, Radio Rm.		
				4 Collective Protectors	\$3,200	
				16 Reserve Canisters	4,320	
				Total		\$7,520 (CWS)
				Engineer installation:		
				Material	\$ 400	
				Labor	400	
				Contingency	160	
				Total		\$ 960 (Eng)
1	1-A			Btry. Gray-Latrine		
				1 Collective Protector	\$ 800	
				4 Reserve Canisters	1,080	
				Total		\$1,880 (CWS)
				Engineer installation:		
				Material	\$ 100	
				Labor	100	
				Contingency	40	
				Total		\$ 240 (Eng)
1	2-B			8" Sak. Plot Rm, FSB, Radio Rm.		
				1 Collective Protector	\$ 800	
				4 Reserve Canisters	1,080	
				Total		\$1,880 (CWS)
				Engineer installation:		
				Material	\$ 100	
				Labor	100	
				Contingency	40	
				Total		\$ 240 (Eng)
1	2-A			8" Sak. Latrine		
				1 Collective Protector	\$ 800	
				4 Reserve Canisters	1,080	
				Total		\$1,880 (CWS)
				Engineer installation:		
				Material	\$ 100	
				Labor	100	
				Contingency	40	
				Total		\$ 240 (Eng)
2	48			<u>SAKONNET POINT</u>		
	1-A			Const. #212 Plot Rm. and Latrine		
				2 Collective Protectors	\$1,600	
				8 Reserve Canisters	2,160	
				Total		\$3,760 (CWS)
				Engineer installation:		
				Material	\$ 200	
				Labor	200	
				Contingency	80	
				Total		\$ 480 (Eng)
50				<u>GOOSEBERRY NECK</u>		
	1-C			FSB & PH		
				1 Collective Protector	\$ 800	
				4 Reserve Canisters	1,080	
				Total		\$1,880 (CWS)
				Engineer installation		
				Material	\$ 100	
				Labor	100	
				Contingency	40	
				Total		\$ 240 (Eng)
				Subtotal		\$ 80,840 (CWS)
				Subtotal		19,680 (Eng)
				TOTAL		\$100,520

HARBOR DEFENSES OF NARRAGANSETT BAY

EXHIBITS - ANNEX H

<u>EXHIBIT</u>	<u>CONTENTS</u>
1-H	Summary of Land Procurement Recommended
2-H	Map of Proposed Land Acquirement
3-H	Preliminary Data For Proposed Land Acquirement

SUMMARY OF LAND PROCUREMENT RECOMMENDED

Ref: Loc.: Par: No.:	Purpose	Acre- : age	Estimated: : Cost *	Ex : hibit	Reference to Author- ity for procurement
27	Watch Hill Point, R.I. Fire Control Stations	3 Sites 20"x20'	Gov't. Owned U.S.C.G.	1-I-1	Not yet approved.
29	Noyes Point, R. I. Fire Control Stations	0.85	\$ 6,000	2-H-1	Ref.#6, Priority 58. \$6,100. Authorized.
31	Charlestown, R. I. Fire Control Stations	0.48	950	2-H-2	Not yet approved.
32	Green Hill, R. I. Fire Control Stations	1.16	3,600	2-H-3	Ref.#6, Priority 53. \$3,800. Authorized.
33	Pt. Judith, R. I. Btry. Constr. #211 and Fire Control Stations	35	54,300	1-I-6	Ref.#2, Par.D(5) (6" Btrys). Ref.#6, Priority 34. \$6,500. Authorized.
34	Fort Greene, R. I. Btry. Constr. #109	80	60,000	1-I-7	Ref.#2, Par. A(7) (16" Btrys)
35	Boston Neck, R. I. Relocation of Btrys House & Armistead. Fire Control Stations	28	46,000	2-H-4	Not yet approved. Ref.#6, Priority 26. \$4,700. Authorized.
36	The Bonnet, R. I. Mine Observation Station	0.1	2,300	2-H-5	Ref.#6, Priority 7. \$2,000. Authorized.
41	Beavertail, R. I. Btry. Constr. #110 213 Relocating Btry Whiting Misc. Control Stations	107	141,000	1-I-14	Ref.#2, Par. B(7) (16" Btrys.)
42	Hull Cove, R. I. Site 1 - Mine Casemate and Cable Hut Site 2 - Cable Hut Site 3 - Mine Observation Station	5 0.3 0.3	9,100 2,900 2,900	2-H-6 2-H-6 2-H-6	Not yet approved. Not yet approved. Not yet approved.
45	Castle Hill, R. I. Mine Observation Station	0.5	3,800	2-H-7	Not yet approved.
46	Sachuest Point, R. I. Fire Control Stations	18.9	10,500	2-H-8	Ref.#6, Priority 21. \$2,000. Authorized.

NOTE: * Include cost of rights-of-way and easements involved in each of the above proposals.

‡ If site has not been approved, so state in this column.

SUMMARY OF LAND PROCUREMENT RECOMMENDED

Ref:Loc: Par:No.:	Purpose	Acre- age	Estimated Cost*	Ex- hibit	Reference to Author- ity for procurement
48	<u>Sakonnet Point, R. I.</u> Btry. Const. #212	20	\$75,000	1-I-21	Ref. #2, Par. B(7) (6" Btrys.)
49	<u>Warren Point, R.I.</u> Fire Control Stations	2.0	28,200	2-H-29	Ref. #6, Priority 16. \$17,000 Authorized.
50	<u>Gooseberry Neck, Mass.</u> Fire Control Stations	74	45,000	2-H-10	Ref. #6, Priority 40. \$1,800. Authorized. Re. #8, Priority 13. \$1,000 Authorized.
57	<u>Cuttyhunk Island, Mass.</u> Site 1-Fire Control Stations	3.5	7,000	2-H-11	Ref. #6, Priority 46
	Site 2-Ditto	1.5	950	2-H-11	\$6,400. Authorized.
59	<u>Gay Head, Mass.</u> Site 1-Fire Control Stations	3.5	4,250	2-H-12	Ref. #6, Priority 50. \$400. Authorized.
	Site 2-Fire Control Stations	20'x20'	Gov't. owned	2-H-12	
60-1	<u>Beacon Hill, Block Isl., R.I.</u> Fire Control Stations	7.5	6,500	2-H-13	Not yet approved.
60-2	<u>Southwest, Block Isl., R.I.</u> Fire Control Stations	26	6,400	2-H-14	Not yet approved.
60-3	<u>Payne, Block Isl., R.I.</u> Fire Control Stations	8	3,300	2-H-15	Not yet approved.
60-4	<u>Clayhead, Block Isl., R.I.</u> Fire Control Stations	45	14,250	2-H-16	Not yet approved.
Total			\$534,200		
Cost of land required for new battery construction			330,300	(Total from Page 3, Exhibit 10-1)	
Net cost of land for fire control construction			\$203,900		
Authorized by Augmented Ex- penditure Program 1941			45,200	(Not including \$6,500 approved at Point Judith which will be applied to purchase of battery site.)	
Balance required to complete fire control program			\$158,700		

NOTE: * Include cost of rights-of-way and easements involved in each of the above proposals.

‡ If site has not been approved, so state in this column.

S E C R E T

Form #34.

H. D. of Marblehead

MAP OF PROPOSED LAND ACQUIREMENT*

Location No. 20

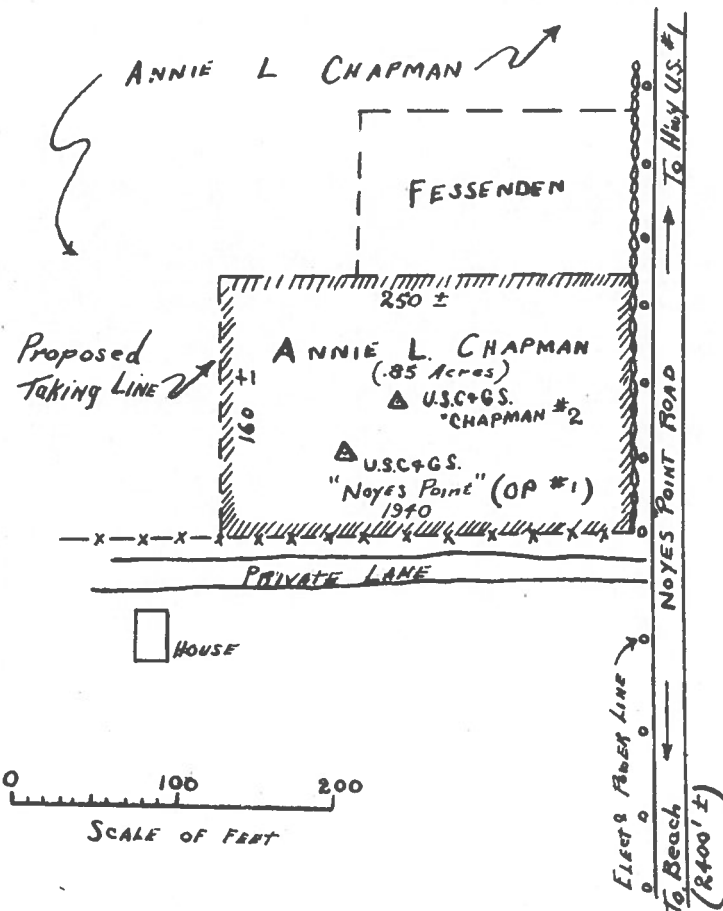
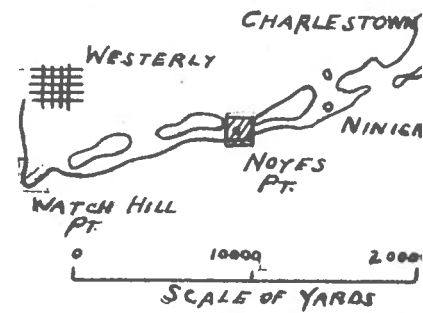
Place (Local name) Noyes Point

Town Westerly County Washington State R.I.

List of Ownership involved with
reference to individual holdings
or easements.

INSERT MAP
GENERAL LOCALITY

Annie L. Chapman
Westerly, R.I.



NOTE: * No military installations are to be shown on this sheet. Indicate ownership boundaries of each separate parcel involved at this location approximately.

S E C R E T

Exhibit 2-E, Page 1 of 16 pages

S E C R E T

Form #34.

H. D. of Martha's Vineyard Bay

MAP OF PROPOSED LAND ACQUISITION*

Location No. 31

Place (Local name) Charlestown

Town Charlestown County Washington

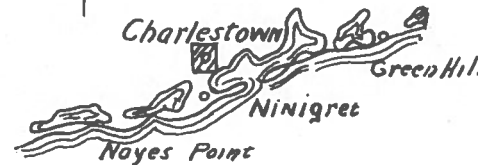
N State R.I.

List of Ownership involved with reference to individual holdings or easements.

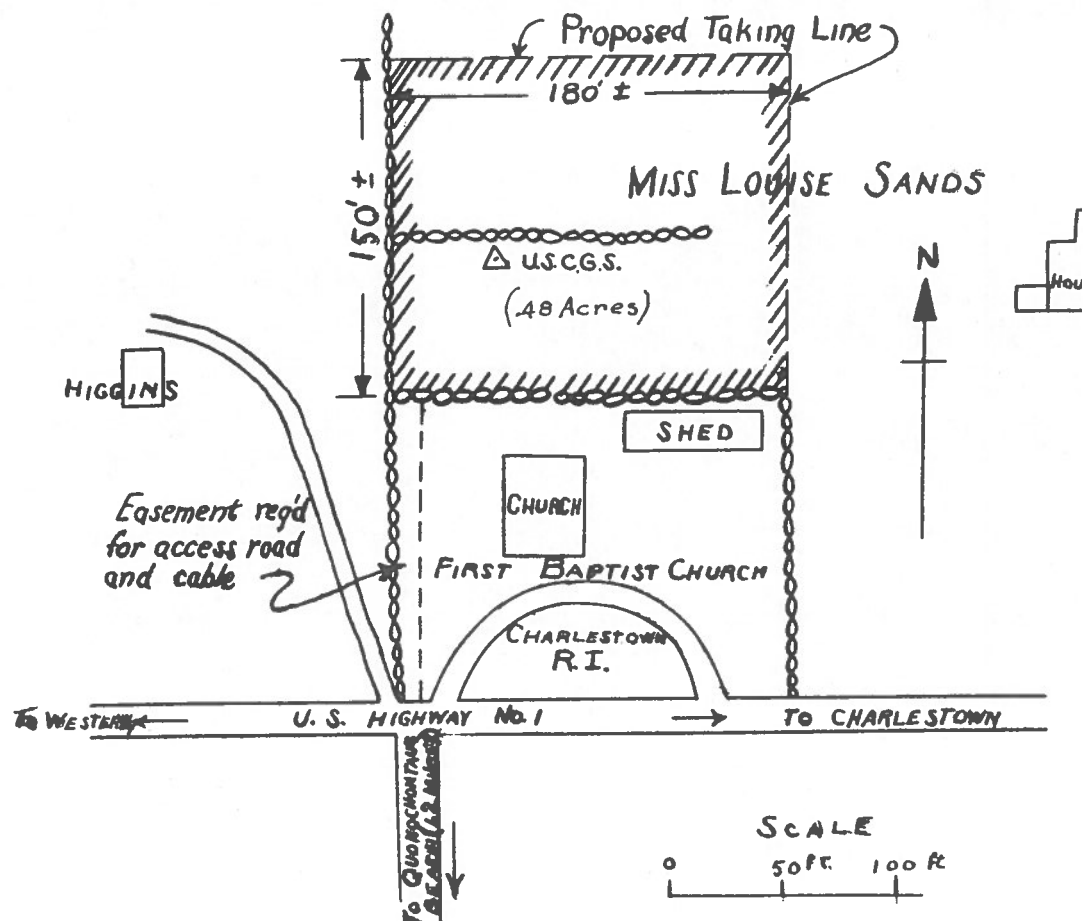
Miss Louise Sands
510 Decatur Street
Brooklyn, N. Y.

First Baptist Church
Charlestown, R. I.

INSERT MAP
GENERAL LOCALITY



0 10000 20000
Scale of Yards



NOTE: * No military installations are to be shown on this sheet. Indicate ownership boundaries of each separate parcel involved at this location approximately.

S E C R E T

Exhibit 2-E, Page 2 of 16 pages

SECRET

Form #34.

H. D. of Narragansett Bay

MAP OF PROPOSED LAND ACQUIREMENT*

Location No. 32

Place (Local name) Green Hill

Town So. Kingston County Washington State R.I.

List of Ownership involved with
reference to individual holdings
or easements.

South County Real Estate Co.

John B. Carpenter Co.

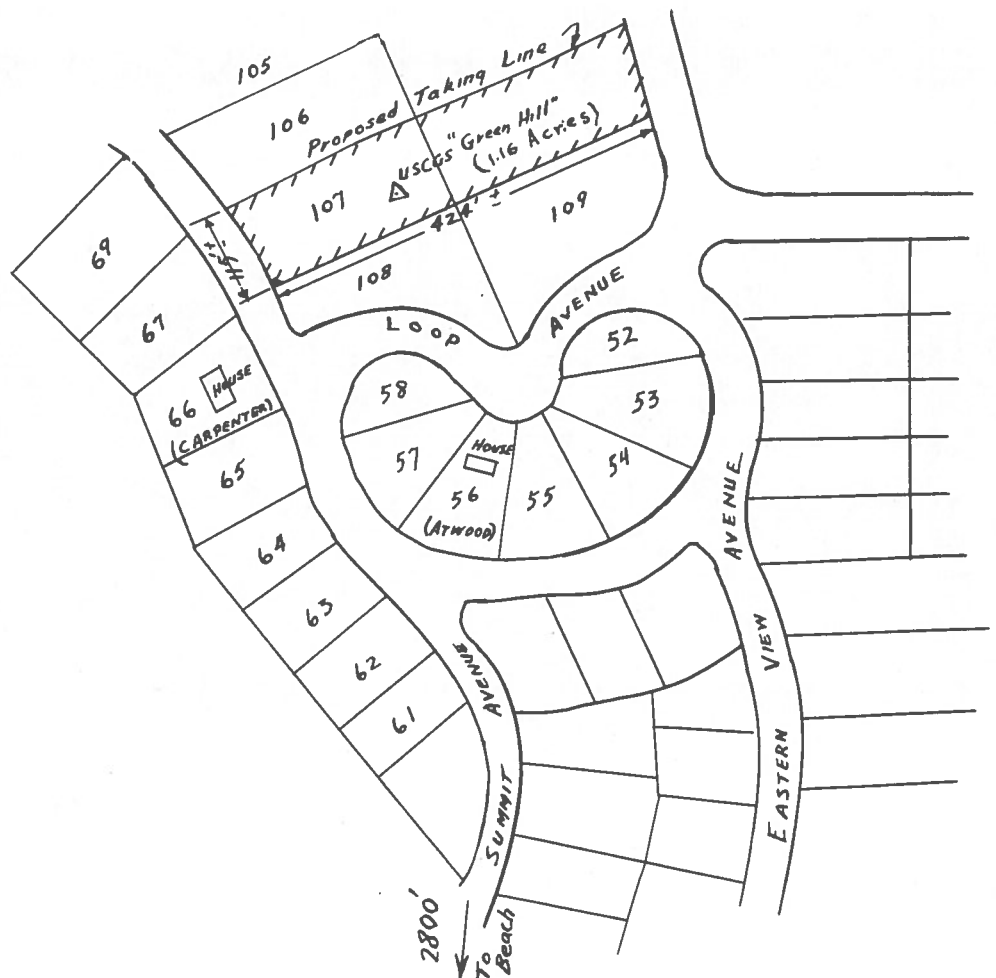
Providence, R.I.

INSERT MAP
GENERAL LOCALITY
GREEN HILL



0 10,000 20,000

SCALE OF YARDS



SCALE: 1" = 170' (APPROX.)

NOTE: * No military installations are to be shown on this sheet. Indicate ownership boundaries of each separate parcel involved at this location approximately.

SECRET

Exhibit 2-H, Page 3 of 16 Pages

S E C R E T

Form #34.

H. D. of Narragansett Bay

MAP OF PROPOSED LAND ACQUIREMENT*

Location No. 35

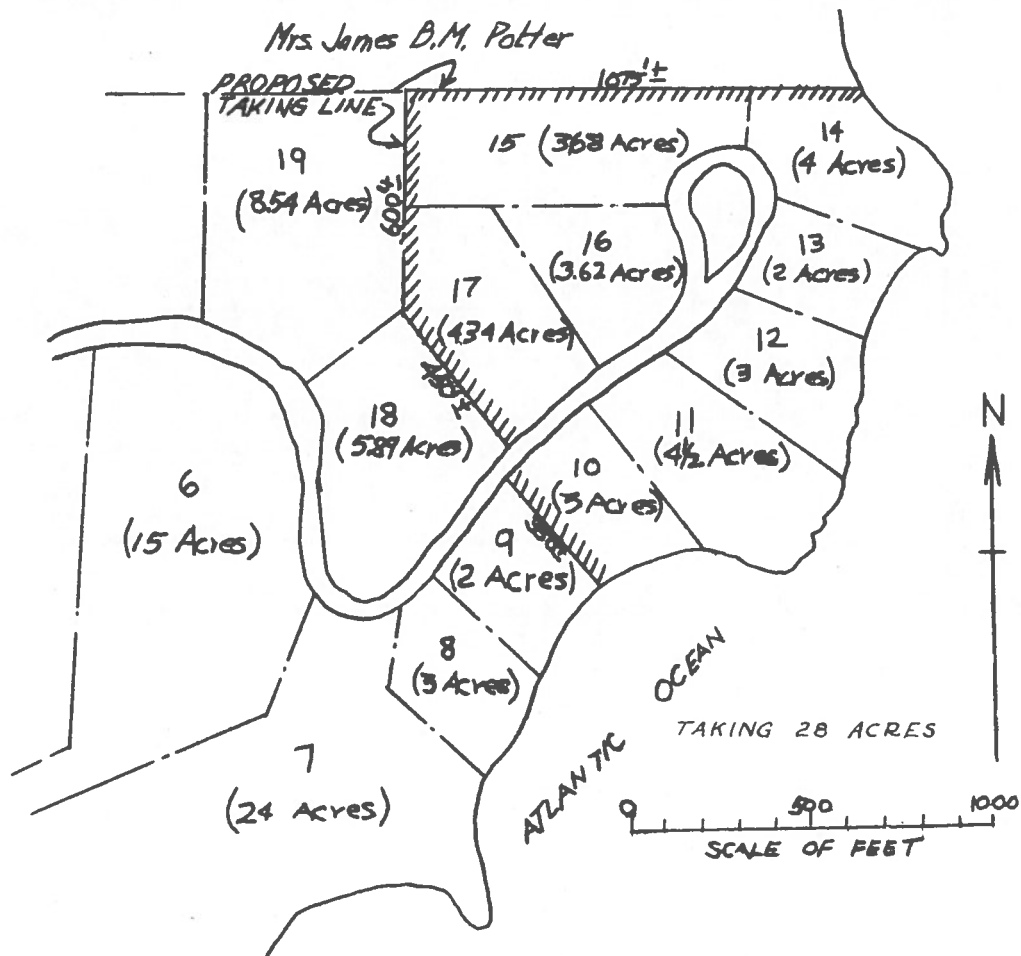
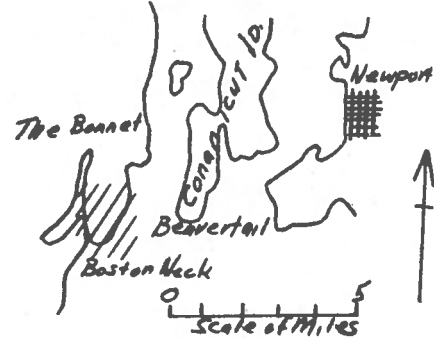
Place (Local name) Boston Neck

Town Narragansett County Washington State R.I.

List of Ownership involved with
reference to individual holdings
or easements.

Mrs. Anita W. Hinckley
Whale Rock Land Company
Providence, R.I.

INSERT MAP
GENERAL LOCALITY



NOTE: * No military installations are to be shown on this sheet. Indicate ownership boundaries of each separate parcel involved at this location approximately.

S E C R E T

Exhibit 2-H, Page 4 of 16 Pa

S E C R E T

Form #31.

H. D. of Narragansett Bay

MAP OF PROPOSED LAND ACQUIREMENT*

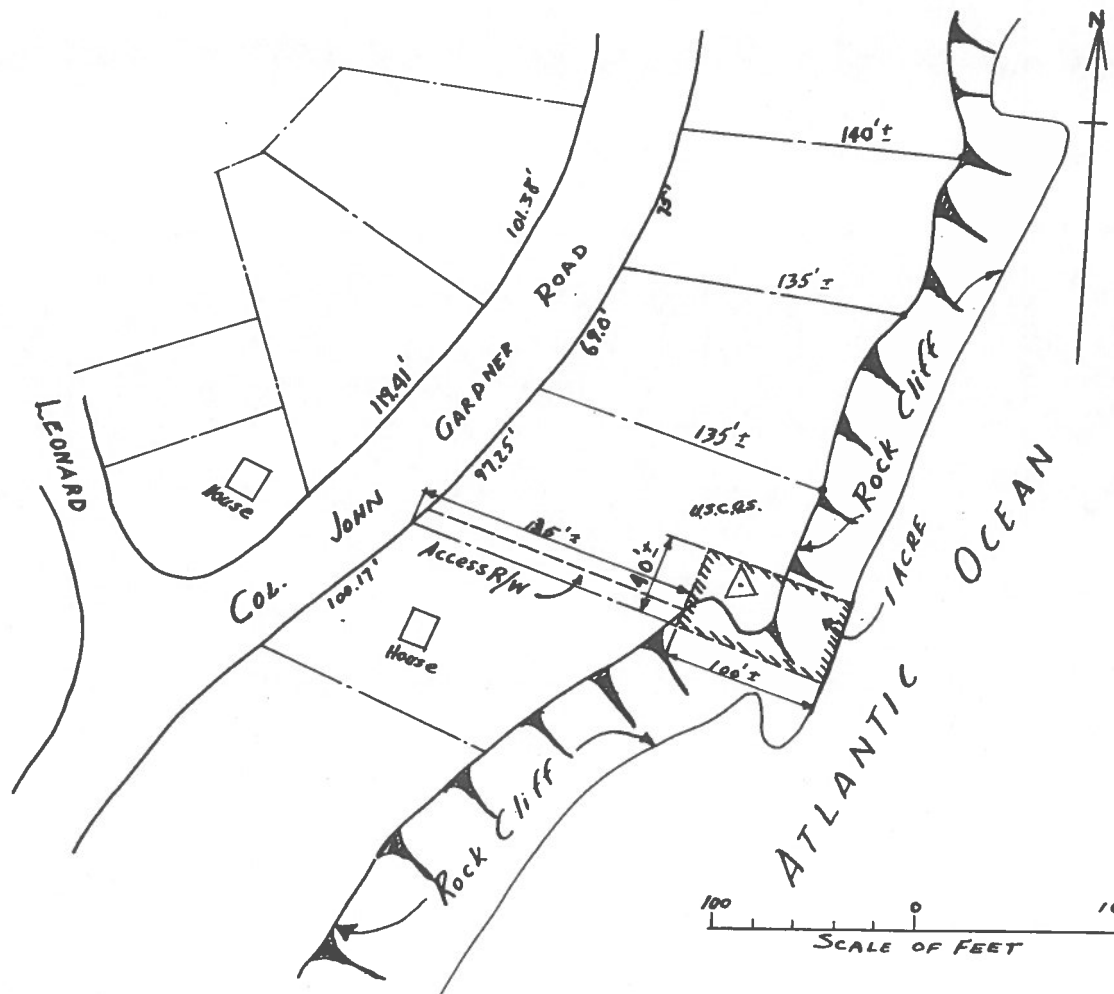
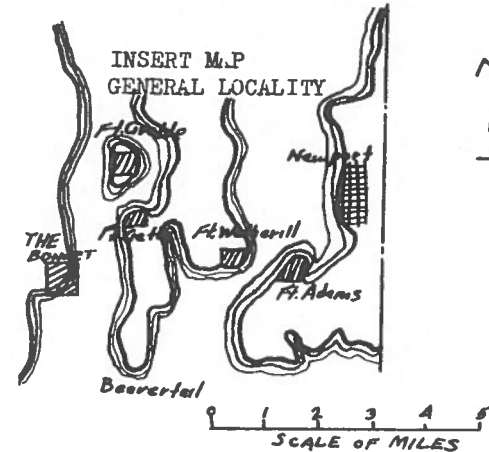
Location No. 36

Place (Local name) The Bonnet

Town Narragansett County Washington State R.I.

List of Ownership involved with
reference to individual holdings
or easements.

Chas. Easton
c/o J.W. Riker
208 Hospital Trust Bldg.
Providence, R.I.



NOTE: * No military installations are to be shown on this sheet. Indicate ownership boundaries of each separate parcel involved at this location approximately.

S E C R E T

Exhibit 2-H, Page 5 of 16 pages.

S E C R E T

Form #34.

H. D. of Narragansett Bay

MAP OF PROPOSED LAND ACQUIREMENT*

Location No. 42 (Sites 1,2,3.)

Place (Local name) Hull Cove

town Jamestown County Newport State R.I.

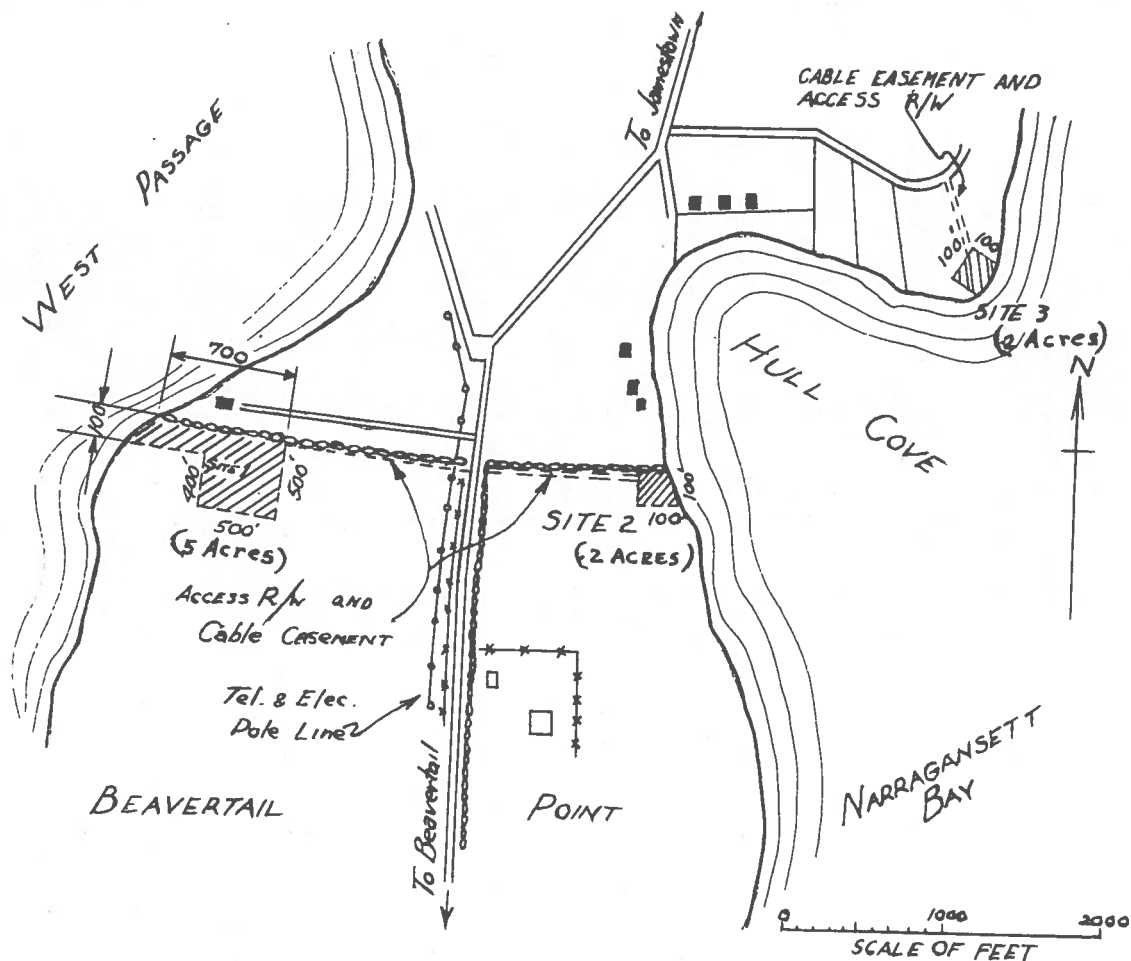
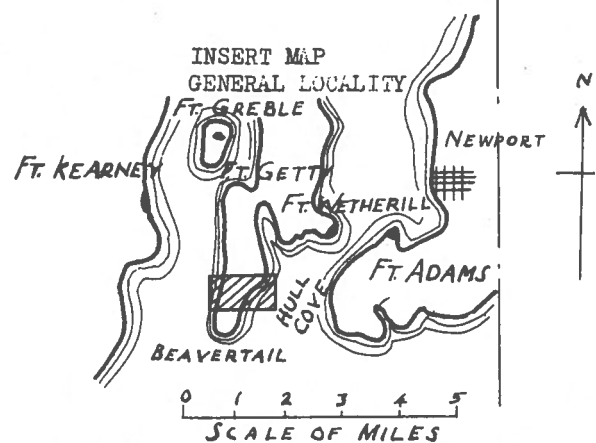
List of Ownership involved with
reference to individual holdings
or easements.

Sites 1 and 2

Joseph Wharton Heirs
Jamestown, R. I.

Site 3

Joseph Lippincott
Jamestown, R. I.



NOTE: * No military installations are to be shown on this sheet. Indicate ownership boundaries of each separate parcel involved at this location approximately.

S E C R E T

Exhibit 2-H, Page 6 of 16 pages.

S E C R E T

Form #34.

H. D. of Narragansett Bay

MAP OF PROPOSED LAND ACQUIREMENT*

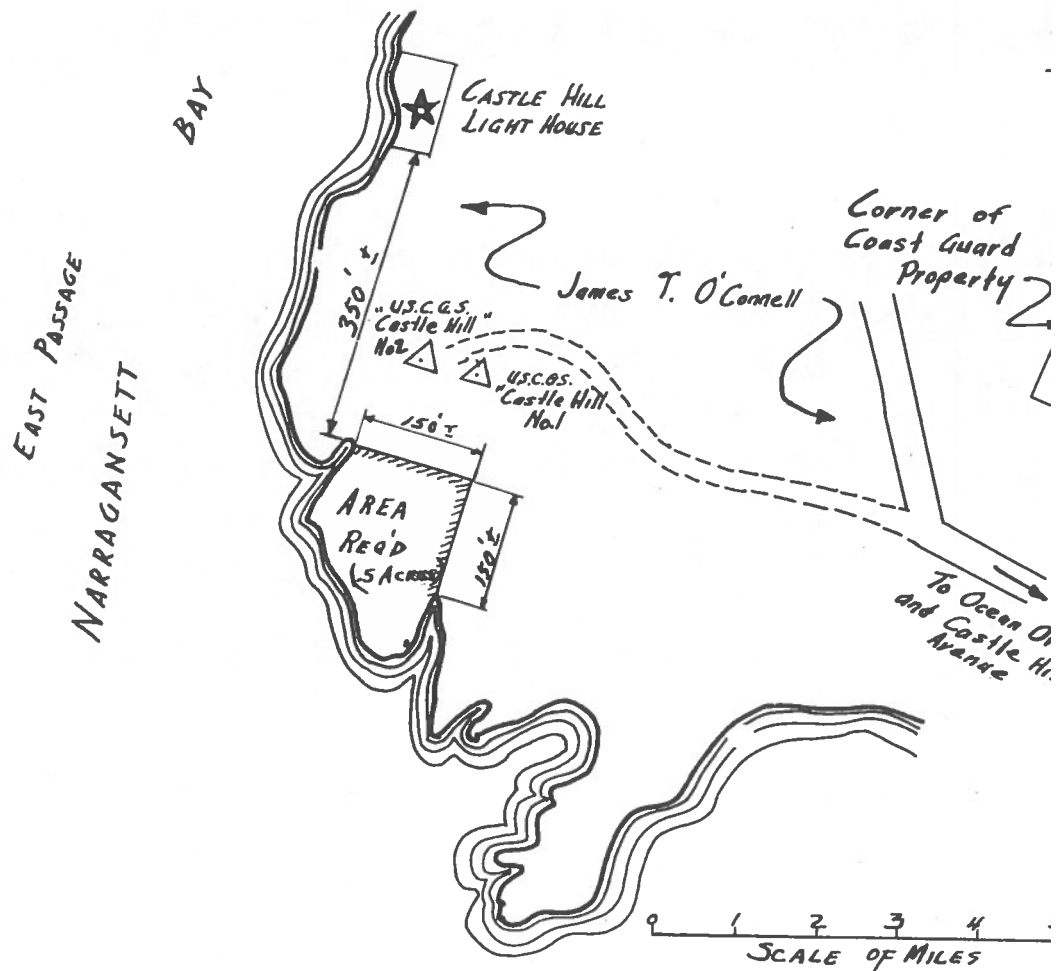
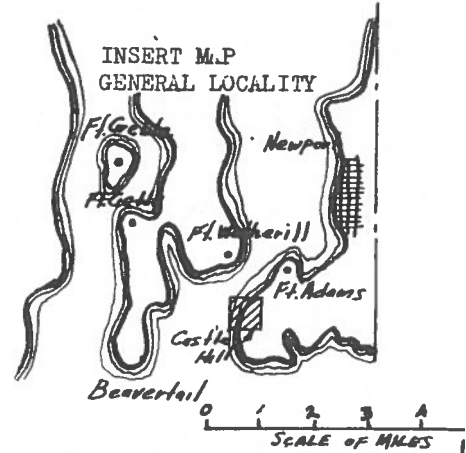
Location No. 45

Place (Local name) Castle Hill

Town Newport County Newport State R.I.

List of Ownership involved with reference to individual holdings or easements.

James T. O'Connell
Long Wharf
Newport, R. I.



NOTE: * No military installations are to be shown on this sheet. Indicate ownership boundaries of each separate parcel involved at this location approximately.

S E C R E T

Exhibit 2-H, Page 7 of 16 pages.

S E C R E T

Form #34.

H. D. of Narragansett Bay

MAP OF PROPOSED LAND ACQUISITION*

Location No. 46

Place (Local name) Sachuest Point

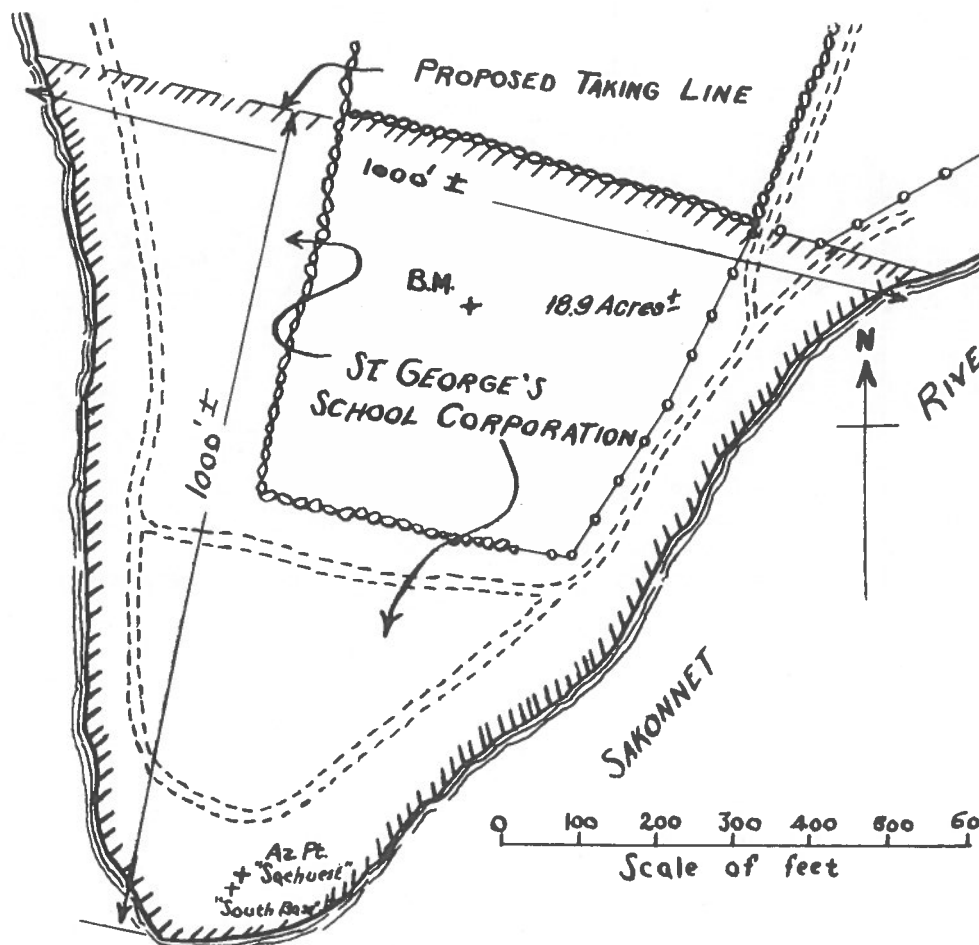
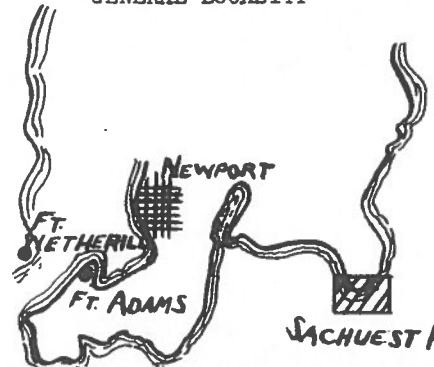
Town Middletown County Newport State R.I.

List of Ownership involved with
reference to individual holdings
or easements.

St. Georges School Corporation
Newport, R. I.

INSERT MAP
GENERAL LOCALITY

0 1 2 3 4 5
Scale of Miles



NOTE: * No military installations are to be shown on this sheet. Indicate ownership boundaries of each separate parcel involved at this location approximately.

S E C R E T

Exhibit 2-E Page 8 of 16 pages

S E C R E T

Form #34.

H. D. of Narragansett Bay

MAP OF PROPOSED LAND ACQUIREMENT*

Location No. 49

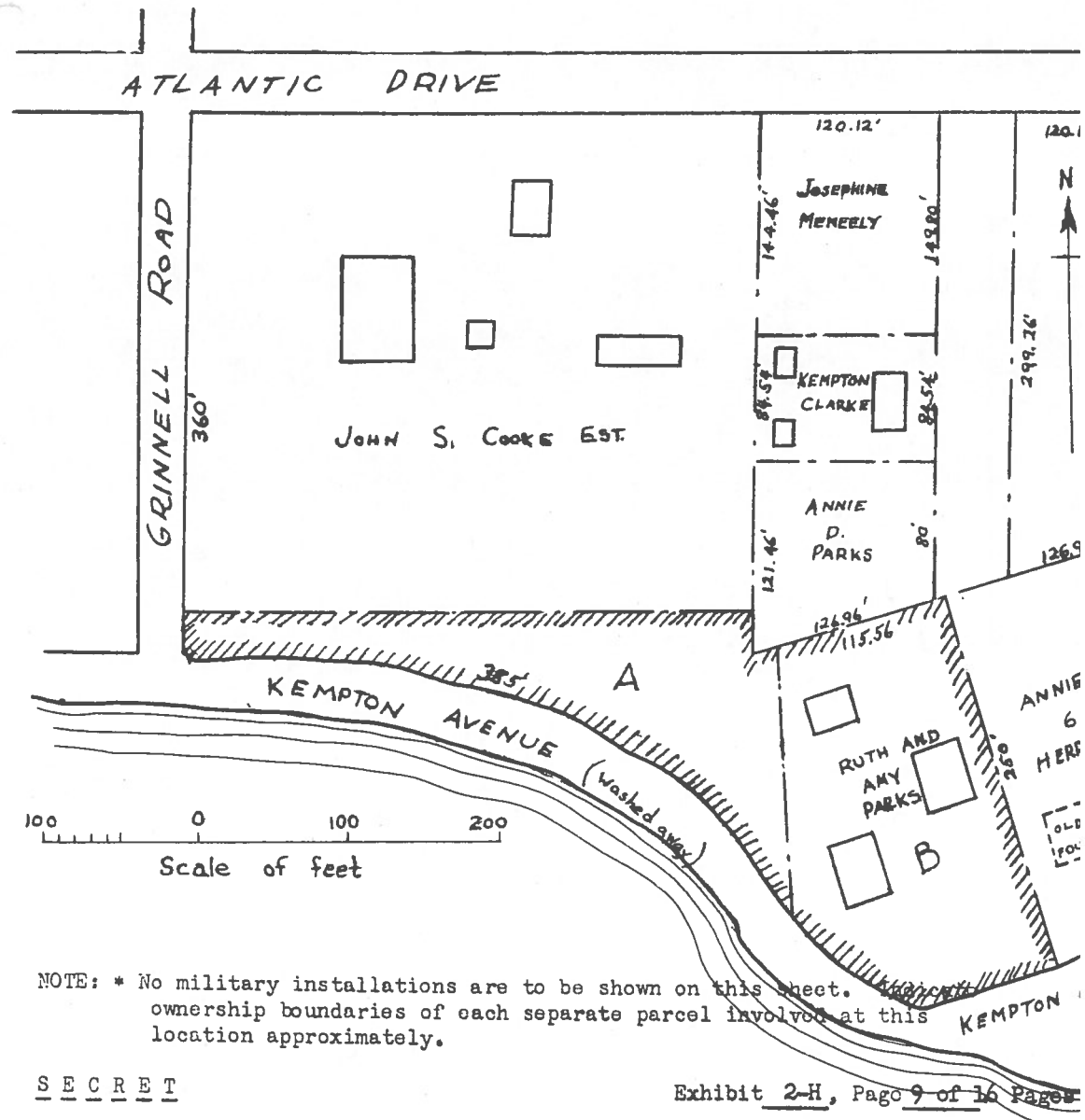
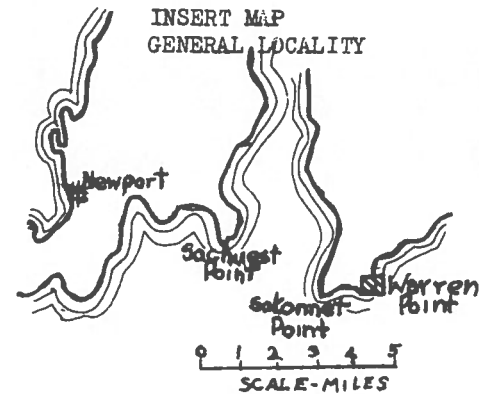
Place (Local name) Warren Point

Town Little Compton County Newport State R.I.

List of Ownership involved with
reference to individual holdings
or easements.

A - Portion of John S. Cooke Estate
Little Compton, R.I. (1 acre $\pm$)

B - Ruth & Amy Parks
Little Compton, R.I. (1 acre $\pm$)



S E C R E T

Form #34.

H. D. of Narragansett Bay

MAP OF PROPOSED LAND ACQUIREMENT*

Location No. 50

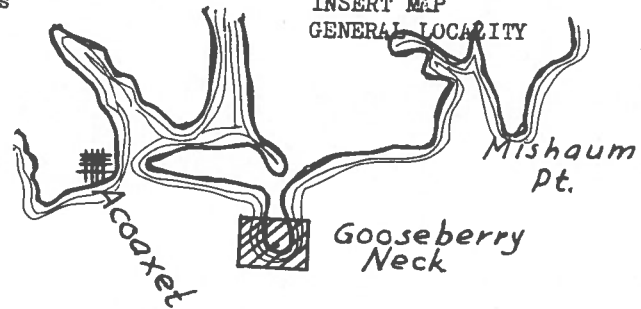
Place (Local name) Gooseberry Neck

Town Westport County Bristol State Mass.

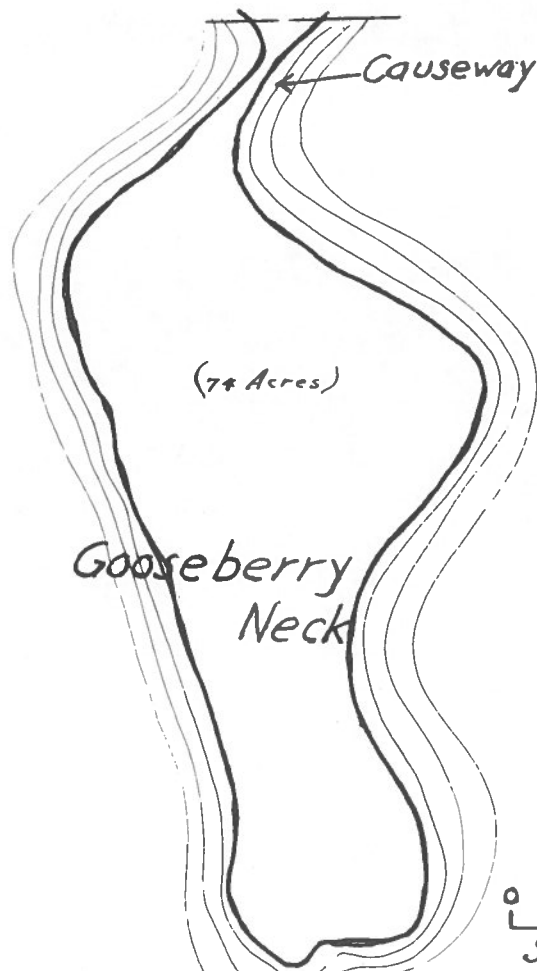
List of Ownership involved with
reference to individual holdings
or easements.

Nicholas Saveros, et als.
Westport, Massachusetts

INSERT MAP
GENERAL LOCALITY



0 1 2 3 4
Scale of Miles



0 500 1000
Scale of Feet

NOTE: * No military installations are to be shown on this sheet. Indicate ownership boundaries of each separate parcel involved at this location approximately.

S E C R E T

Exhibit 2-H, Page 10 of 16 Pages

S E C R E T

Form #34.

H. D. of Narragansett Bay

MAP OF PROPOSED LAND ACQUIREMENT*

Location No. 57 (Sites 1 & 2)

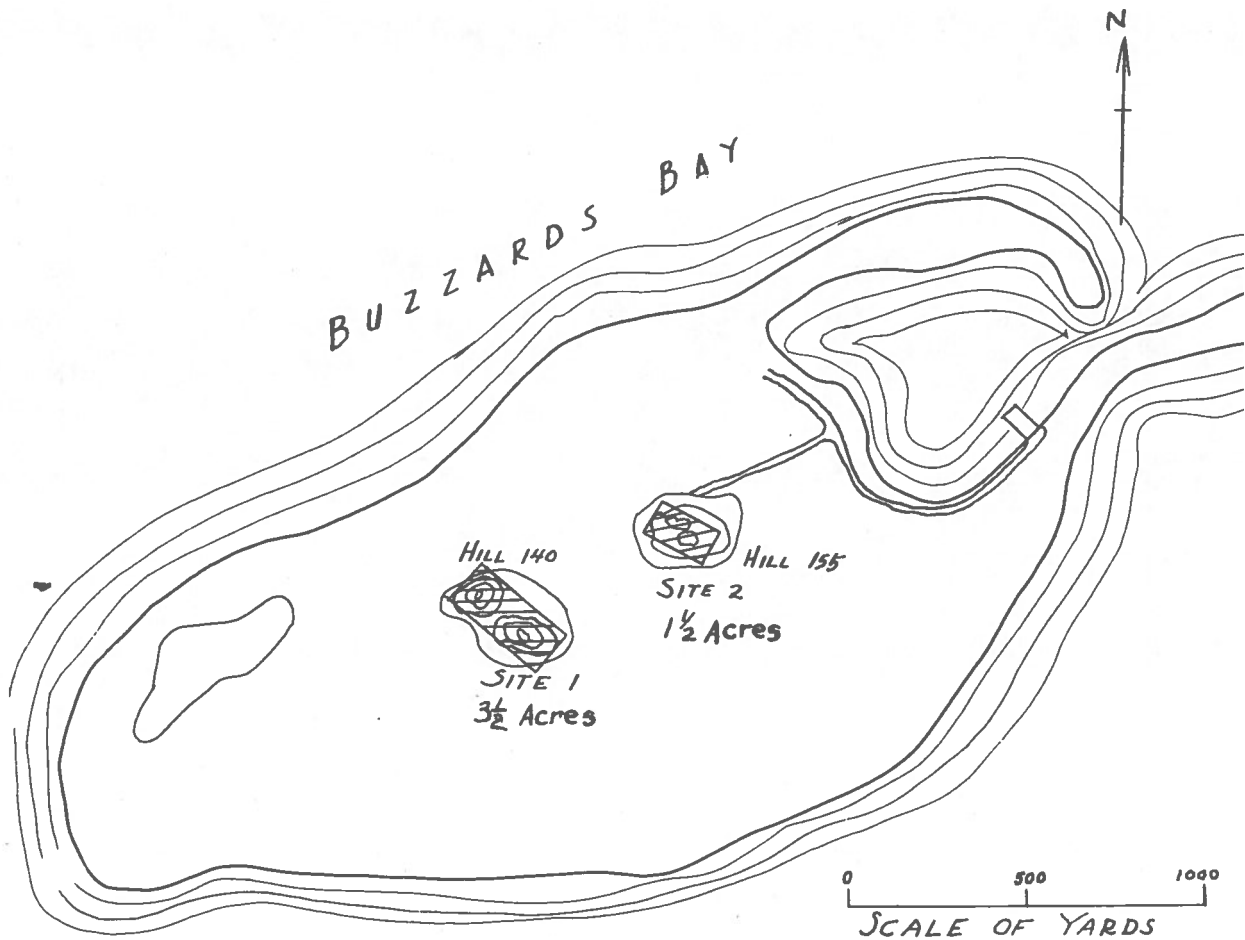
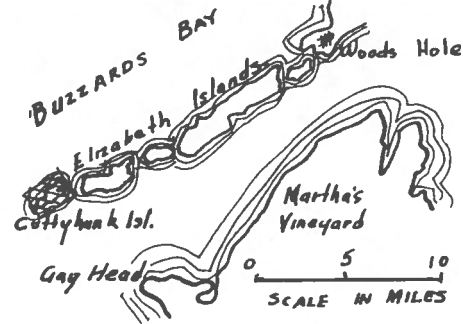
Place (Local name) Cuttyhunk Island

Town Gosnold County Duke State Mass.

List of Ownership involved with
reference to individual holdings
or easements.

Owner: Arden Trust Co.
(Cornelius A. Wood Estate)
Shawsheen Village, Andover, Mass.

INSERT M.P.
GENERAL LOCALITY



NOTE: * No military installations are to be shown on this sheet. Indicate ownership boundaries of each separate parcel involved at this location approximately.

S E C R E T

Exhibit 2-H, Page 11 of 16 Pa.

S E C R E T

Form #34.

H. D. of Narragansett Bay

MAP OF PROPOSED LAND ACQUIREMENT*

Location No. 59

Place (Local name) Gay Head

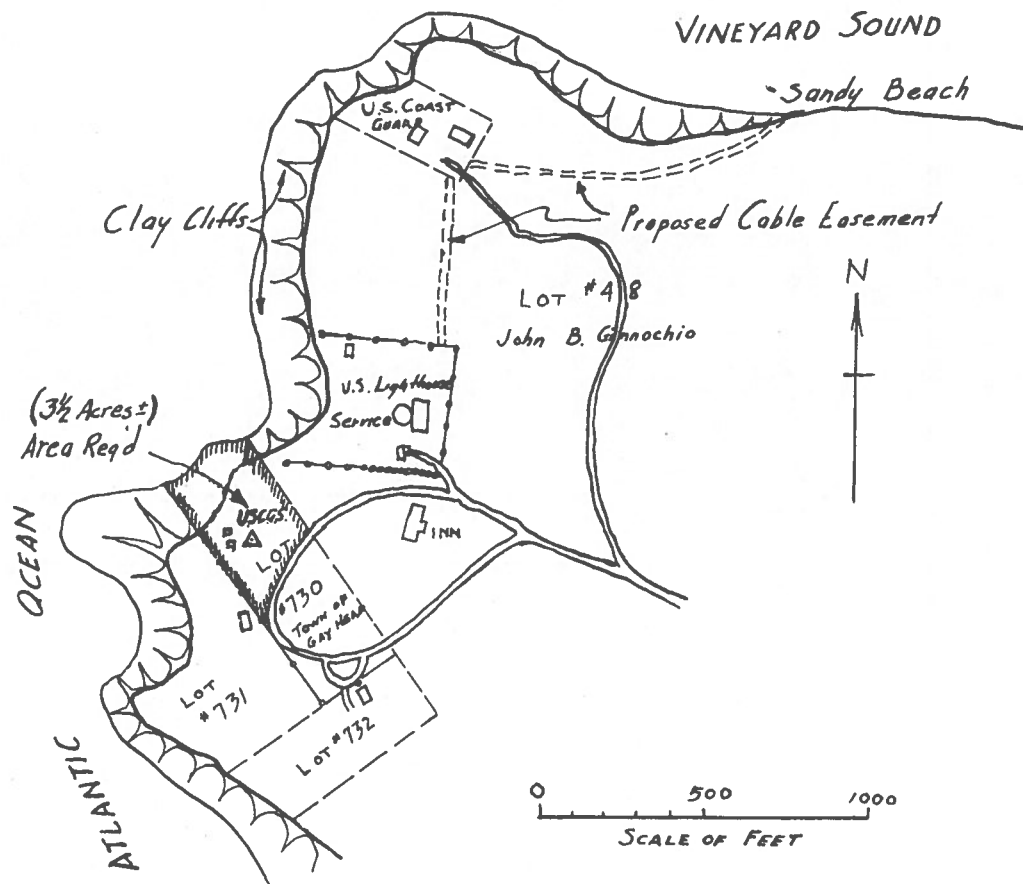
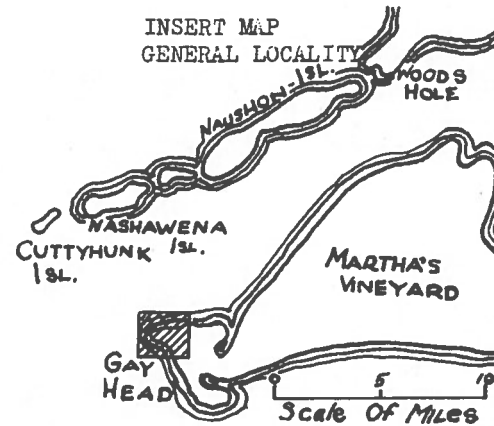
Town Gay Head County Duke State Mass.

List of Ownership involved with
reference to individual holdings
or easements.

Town of Gay Head
(E.S.Cooper, Chairman)
Gay Head, Mass.

John B. Ginnochio
New Bedford, Mass.

INSERT MAP
GENERAL LOCALITY



NOTE: * No military installations are to be shown on this sheet. Indicate ownership boundaries of each separate parcel involved at this location approximately.

S E C R E T

Exhibit 2-H, Page 12 of 16 Pages

S E C R E T

Form #34.

H. D. of Warren, Rhode Island

MAP OF PROPOSED LAND ACQUIREMENT*

Location No. 60-1

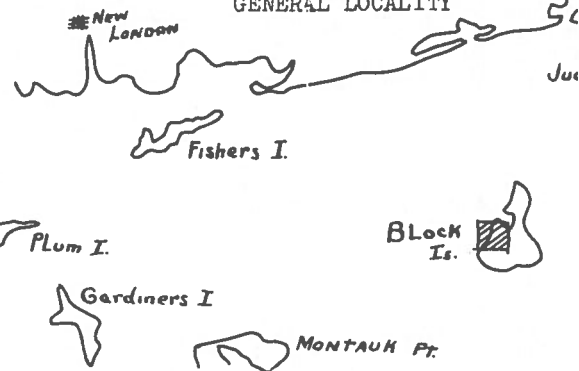
Place (Local name) Beacon Hill

Town New Shoreham County Newport State Rhode Island

List of Ownership involved with
reference to individual holdings
or easements.

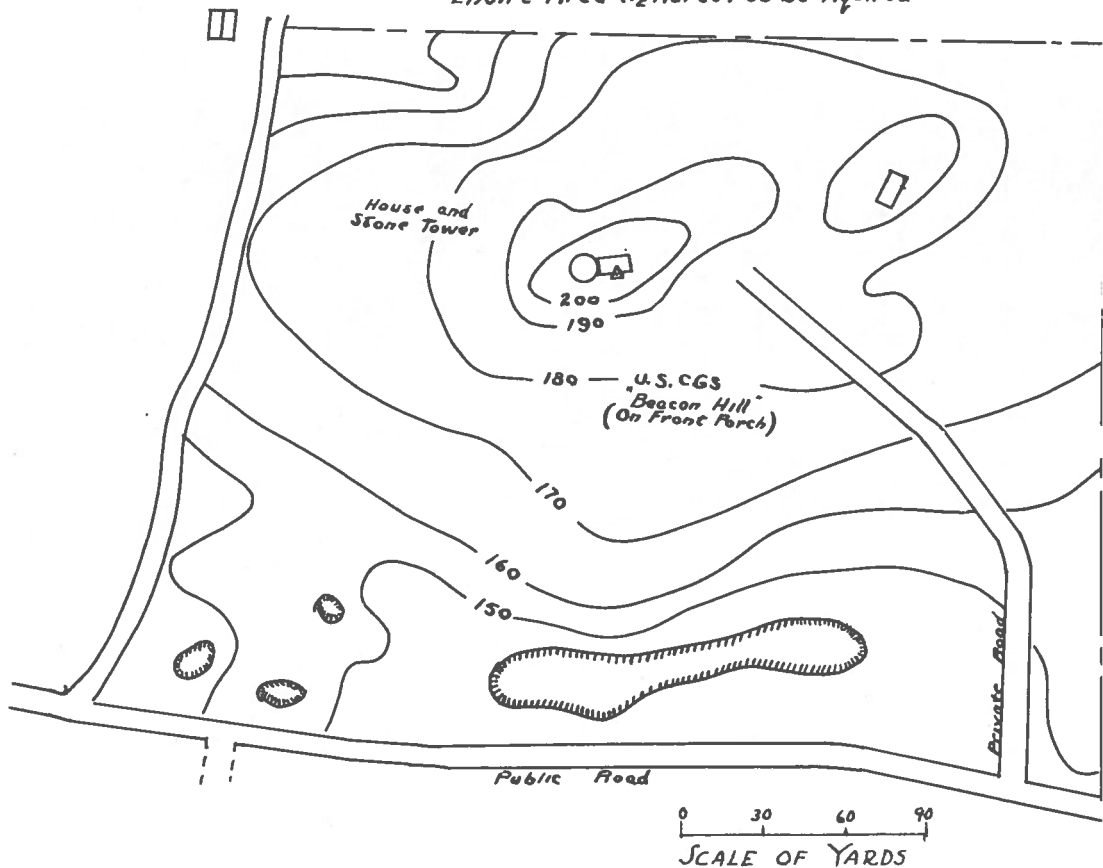
William Dogget
Boston, Mass.

INSERT MAP
GENERAL LOCALITY



BEACON HILL

Entire Area (7 1/2 Acres) to be Acquired



NOTE: * No military installations are to be shown on this sheet. Indicate ownership boundaries of each separate parcel involved at this location approximately.

S E C R E T

Exhibit 2-H, Page 13 of 16

S E C R E T

Form #34.

H. D. of Narragansett Bay

MAP OF PROPOSED LAND ACQUIREMENT*

Location No. 60 (Site 2)

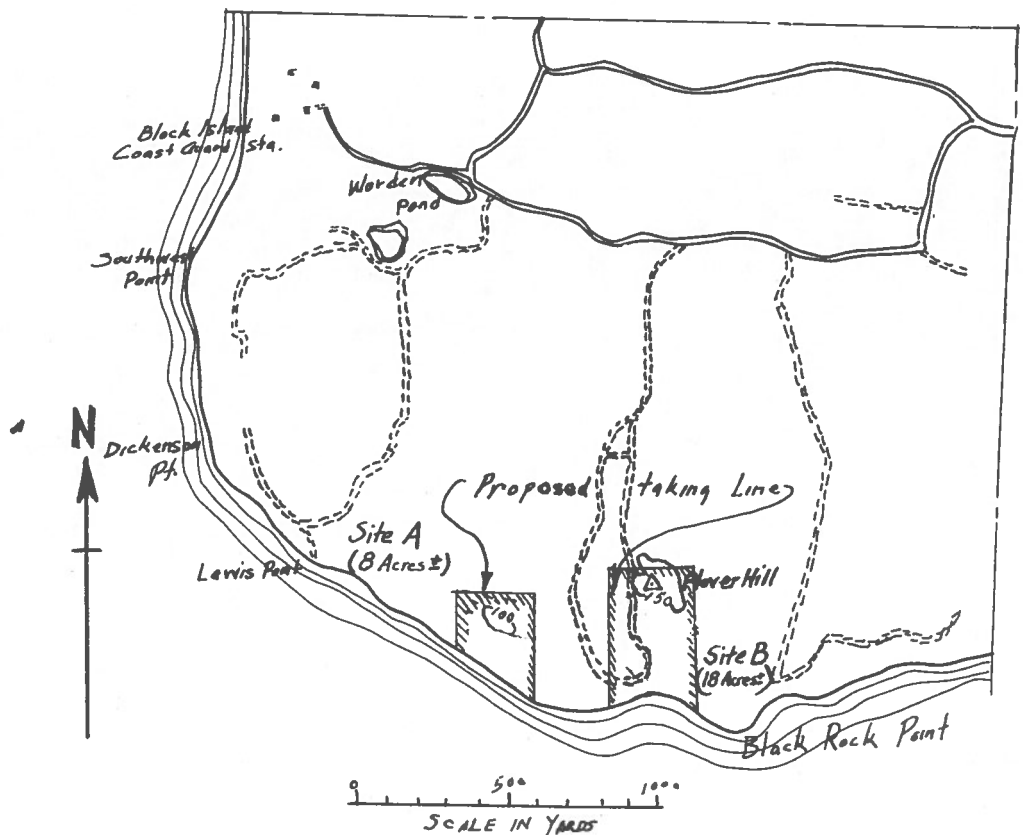
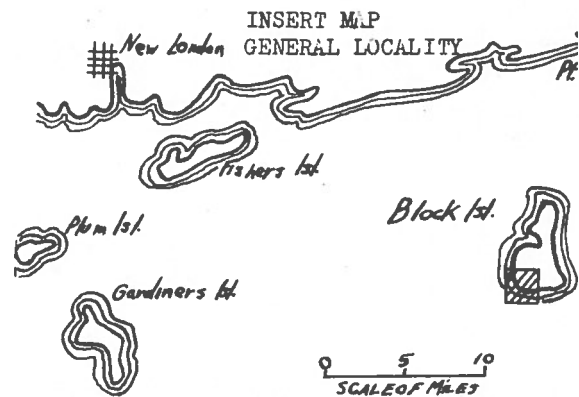
Place (Local name) Block Island (Southwest)

Town New Shoreham County Newport State R.I.

List of Ownership involved with
reference to individual holdings
or easements.

William Lewis
Block Island, R. I.
(Site A and portion of Site B)

Ambrose Rose
Huntington, Long Island,
New York
(Remainder of Site B)



NOTE: * No military installations are to be shown on this sheet. Indicate ownership boundaries of each separate parcel involved at this location approximately.

S E C R E T

Exhibit 2-H, Page 14 of 16 Pages

S E C R E T

Form #34.

H. D. of Narragansett Bay

MAP OF PROPOSED LAND ACQUIREMENT*

Location No. 60 (Site 3)

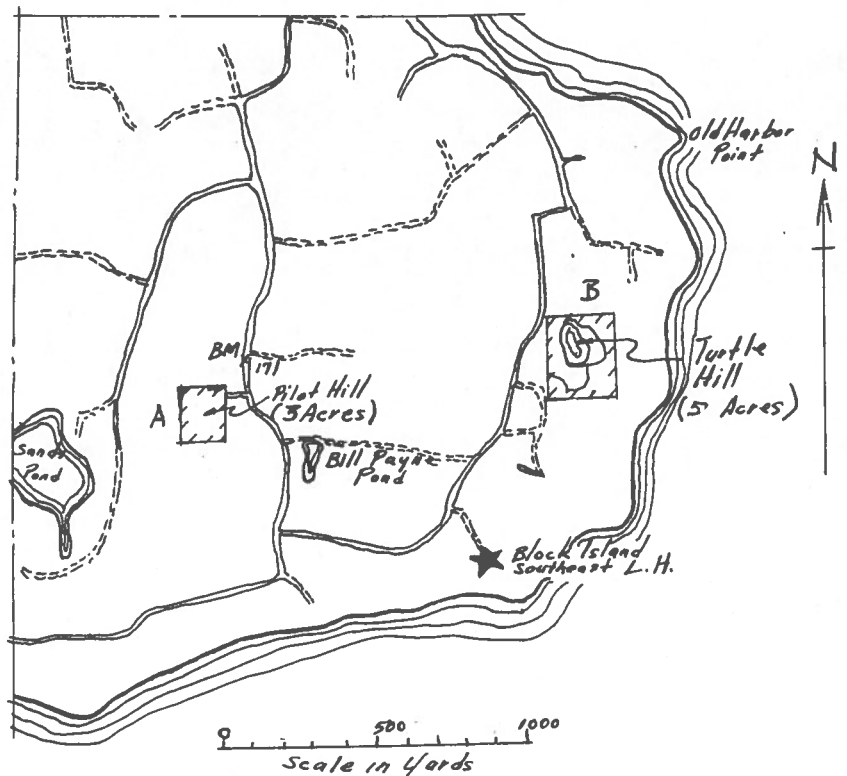
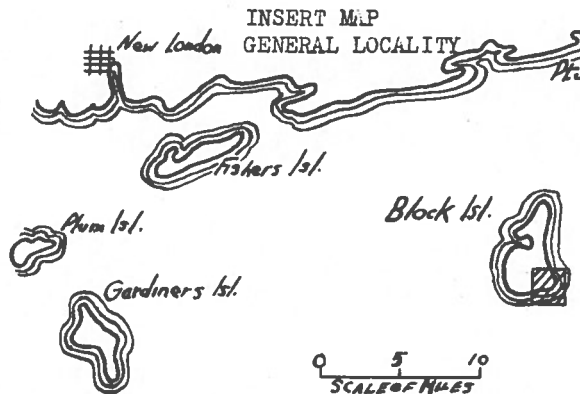
Place (Local name) Block Island (Payne)

Town New Shoreham County Newport State R.I.

List of Ownership involved with
reference to individual holdings
or easements.

Ed Milikin
Block Island, R. I.
(Site 3A)

Ball Estate
Block Island, R. I.
(Site 3B)



NOTE: * No military installations are to be shown on this sheet. Indicate ownership boundaries of each separate parcel involved at this location approximately.

S E C R E T

Exhibit 2-H, Page 15 of 16 Pages

S E C R E T

Form #34.

H. D. of Narragansett Bay

MAP OF PROPOSED LAND ACQUIREMENT*

Location No. 60 Site 4

Place (Local name) Block Island (Clay Head)

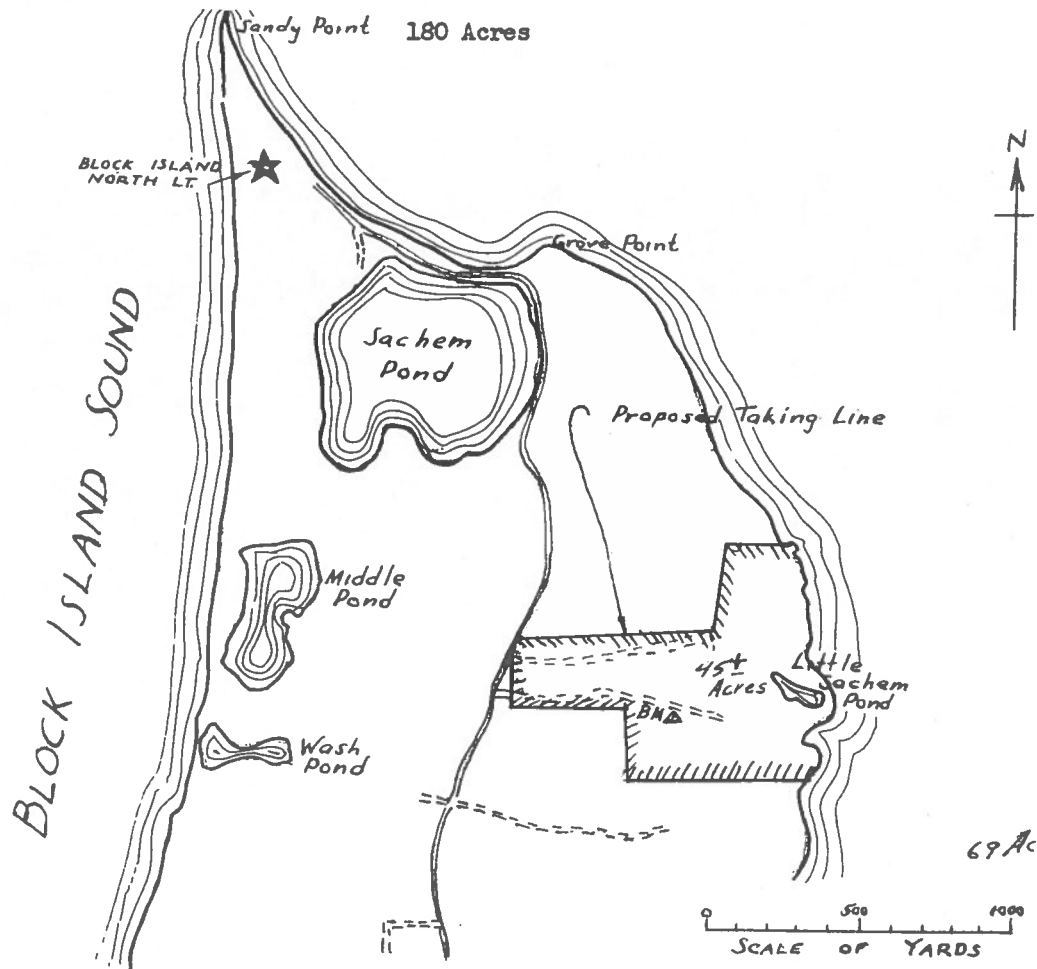
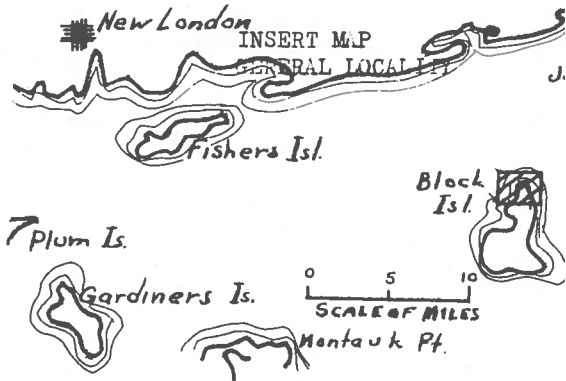
Town New Shoreham County Newport State R.I.

List of Ownership involved with reference to individual holdings or easements.

Ambrose Rose
Huntington, L.I.
New York.

Henry D. Reins
Block Island, R.I.

And Others.



NOTE: * No military installations are to be shown on this sheet. Indicate ownership boundaries of each separate parcel involved at this location approximately.

S E C R E T

Exhibit 2-H, Page 16 of 16 P

S E C R E T

Form # 35

H. D. of Narragansett Bay

Location No. 27

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Observation Stations
Batteries 215, 216, 108, 111, 214 & 114
2. Place (Local name) Watch Hill Point
Town Westerly County Washington State R. I.
3. Owner: Name U. S. Government - Coast Guard Station
Address Secretary of the Treasury
4. Area to be acquired Three sites to be occupied by permission
5. Site is: Developed Coast Guard Station Undeveloped _____
6. Site is part of: Farm _____ Summer estate _____
7. Active shore lot development _____ Inactive _____
8. Does site include buildings _____ No. & Type _____
Selected sites are free of buildings.
9. Is site contiguous to public road yes
10. Is easement required for right of way no Length _____
11. Is easement required for cable no Length _____
12. Assessed value of land \$ none Buildings \$ none
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ _____
14. Estimated cost of right-of-way \$ _____
15. Estimated cost of cable easement \$ _____
16. Estimated cost removal of utilities \$ _____
17. Estimated cost of taking surveys \$ _____
18. Estimated cost of legal transfer \$ _____
19. Total estimated cost of site \$ Nothing
20. Do you believe condemnation proceedings necessary? No

REMARKS: (Refer to numbered items) The sites selected are within the Coast Guard Reservation at Watch Hill. Sites selected will not interfere with operation of Coast Guard activities. Permission of the Secretary of Treasury to occupy area is necessary.

S E C R E T

Exhibit 3-H, Page 1 of 33 pages

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 29

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Observation Stations
Batteries 114, 214, 111 & 108.
2. Place (Local Name) Hoyes Point
Town Westerly County Washington State R.I.
3. Owner: Name Annæe L. Chapman
Address Westerly, R.I.
4. Area to be acquired (37,500 Sq. Ft.) .85 Acres
5. Site is: Developed Yes Undeveloped _____
6. Site is part of: Farm Yes Summer estate _____
7. Active shore lot development Partial Inactive _____
8. Does site include buildings No No. & Type _____
9. Is site contiguous to public road Yes
10. Is easement required for right of way No Length _____
11. Is easement required for cable Yes Length 2400'
12. Assessed value of land \$ Not Divided Buildings \$ _____
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ 5000
14. Estimated cost of right-of-way \$ 0
15. Estimated cost of cable easement \$ 0
16. Estimated cost removal of utilities \$ 0
17. Estimated cost of taking surveys \$ 1000
18. Estimated cost of legal transfer \$ _____
19. Total estimated cost of site \$ 6000
20. Do you believe condemnation proceedings necessary? No

REMARKS: (Refer to numbered items) (12) Adjoining Lots Approx. 36,000 Sq. Ft

Sold for \$1500 assessed at \$600. (12) Over and along highway.

(19) \$6100 approved for purchase of land, Augmented Exp. Program ED of
Narragansett Bay. Feb. 20, 1941. Item 58.

S E C R E T

Exhibit 3-E, Page 2 of 33 Pages

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 31

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Observation Stations
Batteries 111, 102 & 211
 2. Place (Local Name) Charlestown (First Baptist Church)
Town Charlestown County Washington State R.I.
 3. Owner Name Miss Louise Sands, 510 Decatur St., Brooklyn (Site)
Address First Baptist Church, Charlestown, R.I. (R/W)
 4. Area to be acquired (21,000 Sq. Ft.) .48 Acres
 5. Site is: Developed No Undeveloped
 6. Site is part of: Farm Summer estate Yes
 7. Active shore lot development No Inactive
 8. Does site include buildings No No. & Type
 9. Is site contiguous to public road No
 10. Is easement required for right of way Yes Length 300'
 11. Is easement required for cable Yes Length 1.3 miles
 12. Assessed value of land \$ Not Divided Buildings \$
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
 13. Estimated purchase cost of land and buildings \$ 500
 14. Estimated cost of right-of-way \$ 100
 15. Estimated cost of cable easement \$ 100
 16. Estimated cost removal of utilities \$ 0
 17. Estimated cost of taking surveys \$ 250
 18. Estimated cost of legal transfer \$
 19. Total estimated cost of site \$ 950
 20. Do you believe condemnation proceedings necessary? No
- REMARKS: (Refer to numbered items)

S E C R E T

Exhibit 3-H, Page 3 of 63 Pages

S E C R E T

Form #35

H. D. of Narragansett Bay
Location No. 32

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Observation Stations
Batteries 121, 127, 128, 129, 110, 211, & 213.
 2. Place (Local Name) Green Hill
Town Co. Warrington County Washington State R.I.
South County Real Est. Co. & John F. Carpenter Co.
 3. Owner: Name Providence, R.I.
Address
 4. Area to be acquired (30,000 Sq. Ft.) 1.16 Acres
 5. Site is: Developed Partial Undeveloped
 6. Site is part of: Farm Summer estate
 7. Active shore lot development Yes Inactive
 8. Does site include buildings No No. & Type
 9. Is site contiguous to public road No (Private Road)
 10. Is easement required for right of way No Length
 11. Is easement required for cable Yes Length 3700'
 12. Assessed value of land \$ 1200 Buildings \$
- If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ 3000
 14. Estimated cost of right-of-way \$
 15. Estimated cost of cable easement \$ 370
 16. Estimated cost removal of utilities \$
 17. Estimated cost of taking surveys \$ 230
 18. Estimated cost of legal transfer \$
 19. Total estimated cost of site \$ 5600
 20. Do you believe condemnation proceedings necessary? No

REMARKS: (Refer to numbered items) (9) Hard surface road constructed and owned by developers of tract is contiguous to site.

(19) \$3800 approved for purchase of land. Augmented Exp. Program HD of Narragansett Bay. Feb, 20, 1911. Item 53.

S E C R E T

Exhibit 3-H, Page 4 of 33 P

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 33

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Battery 211 & Fire Control Stations
 2. Place (Local name) Point Judith
Town Narragansett County Washington State R. I.
3. Owner: Name Margaret D. L. Robinson Estate, Pt. Judith, R. I.
A. A. Robinson, Pt. Judith, R. I.
Address M. McMahon, Pt. Judith, R. I.
Amasa St. Onge, Pt. Judith, R. I.
 4. Area to be acquired 35 Acres ±
 5. Site is: Developed Yes Undeveloped _____
 6. Site is part of: Farm _____ Summer estate _____
 7. Active shore lot development Yes Inactive _____
 8. Does site include buildings Yes No. & Type Two - Sheds
1 - 1½ story bungalow, 1 - 2 Car Garage, 1 - 1 story Bungalow
 9. Is site contiguous to public road Yes
 10. Is easement required for right of way No Length _____
 11. Is easement required for cable No Length _____
 12. Assessed value of land \$10,400. Buildings \$ 5,000.
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
 13. Estimated purchase cost of land and buildings \$ 46,100
 14. Estimated cost of right-of-way \$ 0
 15. Estimated cost of cable easement \$ 0
 16. Estimated cost removal of utilities & relocating road \$ 7,200
 17. Estimated cost of taking surveys \$ _____
 18. Estimated cost of legal transfer \$ 1,000
 19. Total estimated cost of site \$ 54,300
 20. Do you believe condemnation proceedings necessary? No
- REMARKS: (Refer to numbered items) _____

This site is included within the area approved as the location of Btry. Constr. #211 at Pt. Judith (Ref. #2, Par. D-5, 6" Btrys). \$6,500. approved in reference #6, Priority 34, may be applied toward estimated cost \$54,300. Balance required \$47,800.

S E C R E T

Exhibit 3-H, Page 5 of 33 pages

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 34

PRELIMINARY DATA FOR PROPOSED LAND ACQUISITION

1. For installation of Battery Constr. #108 & #109 and Fire Control Stations for 108, 109, Whiting, Dickenson and 8" Sakonnet.
2. ~~Place~~ (Local name) Fort Greene
Town Narragansett County Washington State R. I.
3. Owner: Name See Remarks
Address In Process of Acquisition (Site 2, only)
4. Area to be acquired _____
5. Site is: Developed _____ Undeveloped _____
6. Site is part of: Farm _____ Summer estate _____
7. Active shore lot development _____ Inactive _____
8. Does site include buildings _____ No. & Type _____
9. Is site contiguous to public road _____
10. Is easement required for right of way _____ Length _____
11. Is easement required for cable _____ Length _____
12. Assessed value of land \$ _____ Buildings \$ _____
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ _____
14. Estimated cost of right-of-way \$ _____
15. Estimated cost of cable easement \$ _____
16. Estimated cost removal of utilities \$ _____
17. Estimated cost of taking surveys \$ _____
18. Estimated cost of legal transfer \$ _____
19. Total estimated cost of site \$ _____
20. Do you believe condemnation proceedings necessary? Not Included in cost of fire control sites. (See Exhibit 10-A, Page 1)

REMARKS: (Refer to numbered items) _____

This site is included in area approved for location of Batteries 108 and 109. Reference #2, Par. A-7, 16" Btrys. Now in process of acquisition by the District Engineer, Providence, R. I. (Site 2 only)

S E C R E T

Exhibit 3-H, Page 6 of 33 pages

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 35

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Fire Control Stations Batteries
108, 8" Sakonnet, 107, 110, 211, 212, 213, 109, Dickenson House and resided
batteries House and Armistead.
2. Place (Local Name) Boston Neck
Town Narragansett County Washington State R.I.
3. Owner: Name Mrs. Anita. W. Hinckley
Whale Rock Land Co.
Address Providence, R.I.
4. Area to be acquired 28
5. Site is: Developed Partial Undeveloped _____
6. Site is part of: Farm _____ Summer estate Yes
7. Active shore lot development No Inactive _____
8. Does site include buildings No No. & Type _____
9. Is site contiguous to public road No
10. Is easement required for right of way Yes Length 2800'
11. Is easement required for cable No Length _____
12. Assessed value of land \$ 20,000 Buildings \$ _____
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ 39,600
14. Estimated cost of right-of-way \$ 5,000
15. Estimated cost of cable easement \$ 0
16. Estimated cost removal of utilities \$ 0
17. Estimated cost of taking surveys \$ 1,400
18. Estimated cost of legal transfer \$ _____
19. Total estimated cost of site \$ 46,000
20. Do you believe condemnation proceedings necessary? No

REMARKS: (Refer to numbered items) _____

This location approved for fire control station, Ref. #8; Priority 26 (\$4,700). Additional land required to permit relocation of Batteries House and Armistead. See exhibit 2-H-4. Increase in funds of \$41,300. required.

S E C R E T

Exhibit 3-H, Page 7 of 33 Pa

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 36

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Fire Control Station M¹
2. Place (Local Name) The Bonnet
Town Narragansett County Washington State R.I.
3. Owner: Name Charles Easton /o J.W. Ricker
208 Hospital Trust Bldg.
Address Providence, R.I.
4. Area to be acquired (4000 sq. ft.) .1 Acre
5. Site is: Developed Yes Undeveloped _____
6. Site is part of: Farm _____ Summer estate Yes
7. Active shore lot development Yes Inactive _____
8. Does site include buildings No No. & Type _____
9. Is site contiguous to public road Yes
10. Is easement required for right of way No Length _____
11. Is easement required for cable No Length _____
12. Assessed value of land \$ 1500 Buildings \$ _____
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ 2,000
14. Estimated cost of right-of-way \$ 0
15. Estimated cost of cable easement \$ 0
16. Estimated cost removal of utilities \$ 0
17. Estimated cost of taking surveys \$ 150
18. Estimated cost of legal transfer \$ 150
19. Total estimated cost of site \$ 2,300
20. Do you believe condemnation proceedings necessary? No

REMARKS: (Refer to numbered items) _____

This location approved for fire control station, Ref. #6, Priority 7 (\$2,000). See exhibit 2-H-5. Increase in funds of \$300. required.

S E C R E T

Exhibit 3-H, Page 8 of 33 P

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 41

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Battery Constr. #110, #213. Resiting Battery
Whiting. Misc. Fire Control Stations
2. Place (Local name) Beavertail
Town Jamestown County Newport State R. I.
3. Owner: Name See remarks.
Address _____
4. Area to be acquired _____
5. Site is: Developed _____ Undeveloped _____
6. Site is part of: Farm _____ Summer estate _____
7. Active shore lot development _____ Inactive _____
8. Does site include buildings _____ No. & Type _____
9. Is site contiguous to public road _____
10. Is easement required for right of way _____ Length _____
11. Is easement required for cable _____ Length _____
12. Assessed value of land \$ _____ Buildings \$ _____
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ _____
14. Estimated cost of right-of-way \$ _____
15. Estimated cost of cable easement \$ _____
16. Estimated cost removal of utilities \$ _____
17. Estimated cost of taking surveys \$ _____
18. Estimated cost of legal transfer \$ _____
19. Total estimated cost of site \$ See Exhibit 10-A,
Page 2.
20. Do you believe condemnation proceedings necessary? _____

REMARKS: (Refer to numbered items) _____

This location approved for Batteries Constr. #110 & #213 and Fire Control Stations, Ref. #2, Par. B(7), 16" Btrys.

(Pages 9 to 11, inclusive, are for Government Reservations. No land acquirement forms are included.)

Exhibit 3-H, Page 12 of 33 pages

S E C R E T

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 42 (Site 1)

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Mine Cable Hut and Mine Casemate
2. Place (Local Name) Hull Cove
Town Jamestown County Newport State R.I.
3. Owner: Name Joseph Wharton Heirs
Address Jamestown, R.I.
4. Area to be acquired (270,000 sq.ft.) 5 Acres
5. Site is: Developed No Undeveloped _____
6. Site is part of: Farm Yes Summer estate _____
7. Active shore lot development No Inactive _____
8. Does site include buildings No No. & Type _____
9. Is site contiguous to public road No
10. Is easement required for right of way With land Length _____
11. Is easement required for cable Yes Length 1500 to HW
12. Assessed value of land \$ 30,000 Buildings \$ _____
Total Tract
- If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ 8,000
14. Estimated cost of right-of-way \$ 0
15. Estimated cost of cable easement \$ 500
16. Estimated cost removal of utilities \$ 0
17. Estimated cost of taking surveys \$ 400
18. Estimated cost of legal transfer \$ 200
19. Total estimated cost of site \$ 9,100
20. Do you believe condemnation proceedings necessary? No
- REMARKS: (Refer to numbered items) _____

S E C R E T

Exhibit 3-H, Page 13 of 33 Pages

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 42 (Site 2)

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Mine Cable Hut
 2. Place (Local Name) Hull Cove
Town Jamestown County Newport State R.I.
 3. Owner: Name Joseph Wharton Heirs
Address Jamestown, R.I.
 4. Area to be acquired (10,000 sq. ft.) .29 Acres
 5. Site is: Developed No Undeveloped _____
 6. Site is part of: Farm Yes Summer estate Yes
 7. Active shore lot development No Inactive _____
 8. Does site include buildings No No. & Type _____
 9. Is site contiguous to public road No
 10. Is easement required for right of way With land Length _____
 11. Is easement required for cable Yes Length To HW 1500'
Total Tract
 12. Assessed value of land \$25,000 Buildings \$ _____
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
 13. Estimated purchase cost of land and buildings \$ 2,000
 14. Estimated cost of right-of-way \$ 0
 15. Estimated cost of cable easement \$ 500
 16. Estimated cost removal of utilities \$ 0
 17. Estimated cost of taking surveys \$ 200
 18. Estimated cost of legal transfer \$ 200
 19. Total estimated cost of site \$ 2,900
 20. Do you believe condemnation proceedings necessary? No
- REMARKS: (Refer to numbered items) _____

S E C R E T

Exhibit 3-H, Page 14 of 33

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 42 (Site 3)

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Fire Control Station M $\frac{1}{2}$
 2. Place (Local Name) Hull Cove
Town Jamestown County Newport State R.I.
 3. Owner: Name Joseph Lippincott
Address Jamestown, R.I.
 4. Area to be acquired (10,000 sq. ft.) .29 Acres
 5. Site is: Developed No Undeveloped _____
 6. Site is part of: Farm Yes Summer estate _____
 7. Active shore lot development No Inactive _____
 8. Does site include buildings No No. & Type _____
 9. Is site contiguous to public road No
 10. Is easement required for right of way With land Length _____
 11. Is easement required for cable No Length _____
 12. Assessed value of land 24 acres \$ 17,500 Buildings \$ _____
- If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ 2,500
 14. Estimated cost of right-of-way \$ 0
 15. Estimated cost of cable easement \$ 0
 16. Estimated cost removal of utilities \$ 0
 17. Estimated cost of taking surveys \$ 200
 18. Estimated cost of legal transfer \$ 200
 19. Total estimated cost of site \$ 2,900
 20. Do you believe condemnation proceedings necessary? No
- REMARKS: (Refer to numbered items) _____

S E C R E T

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 45

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Fire Controll Station M 2
2. Place (Local Name) Castle Hill
Town Newport County Newport State R.I.
3. Owner: Name James T. O'Connell
Address Long Wharf
Newport, R.I.
4. Area to be acquired (22,500 sq.ft.) .5 Acres
5. Site is: Developed No Undeveloped _____
6. Site is part of: Farm No Summer estate _____
7. Active shore lot development No Inactive _____
8. Does site include buildings No No. & Type _____
9. Is site contiguous to public road No
10. Is easement required for right of way With land Length _____
11. Is easement required for cable No Length _____
12. Assessed value of land \$ 43,300 Buildings \$ _____
Total Tract
1,082,156 sq.ft.
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ 3,375
14. Estimated cost of right-of-way \$ 0
15. Estimated cost of cable easement \$ 0
16. Estimated cost removal of utilities \$ 0
17. Estimated cost of taking surveys \$ 225
18. Estimated cost of legal transfer \$ 200
19. Total estimated cost of site \$ 3,800
20. Do you believe condemnation proceedings necessary? No
- REMARKS: (Refer to numbered items) _____

(Pages 16 & 17 are for government reservations. No land acquirement forms are included)

S E C R E T

Exhibit 3-H, Page 18 of 33 Pa

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 46

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Fire Control Stations
2. Place (Local Name) Sachuest Neck
Town Middletown County Newport State R.I.
3. Owner: Name St. Georges School Corp.
Address Newport, R.I.
4. Area to be acquired 18.9 Acres
5. Site is: Developed No Undeveloped _____
6. Site is part of: Farm Yes Summer estate _____
7. Active shore lot development No Inactive _____
8. Does site include buildings No No. & Type _____
9. Is site contiguous to public road No
10. Is easement required for right of way No ~~Length~~ With land _____
11. Is easement required for cable No Length _____
(282 acres)
12. Assessed value of land \$ 63,000 Buildings \$ 1200
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ 10,000
14. Estimated cost of right-of-way \$ 0
15. Estimated cost of cable easement \$?
16. Estimated cost removal of utilities \$ 0
17. Estimated cost of taking surveys \$ _____
18. Estimated cost of legal transfer \$ 500
19. Total estimated cost of site \$ 10,500
20. Do you believe condemnation proceedings necessary? No

REMARKS: (Refer to numbered items) (13) Definite income \$305 per year derived from property taken.

This location approved for fire control station, Ref. #6, Priority 21 (2,000). Additional land required to accommodate fire control stations recommended by this program. See Exhibit 2-H-8. Increase in funds of \$8,500. required.

S E C R E T

Exhibit 3-H, Page 19 of 33 F

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 48

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Battery Constr. #212 and BC Station
2. Place (Local name) Sakonnet Point
Town Little Compton County Newport State R. I.
3. Owner: Name See remarks.
Address _____
4. Area to be acquired _____
5. Site is: Developed _____ Undeveloped _____
6. Site is part of: Farm _____ Summer estate _____
7. Active shore lot development _____ Inactive _____
8. Does site include buildings _____ No. & Type _____
9. Is site contiguous to public road _____
10. Is easement required for right of way _____ Length _____
11. Is easement required for cable _____ Length _____
12. Assessed value of land \$ _____ Buildings \$ _____
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ _____
14. Estimated cost of right-of-way \$ _____
15. Estimated cost of cable easement \$ _____
16. Estimated cost removal of utilities \$ _____
17. Estimated cost of taking surveys \$ _____
18. Estimated cost of legal transfer \$ _____
19. Total estimated cost of site \$ See Exhibit 10-A, Page 3.
20. Do you believe condemnation proceedings necessary? _____

REMARKS: (Refer to numbered items) _____

This location approved for Battery Constr. #212 and fire control station, Ref. #2, Par. B(7) (6" Btrys).

(Page 20 is for government reservation. No land acquirement form is included.)

Exhibit 3-H, Page 21 of 33 pages

S E C R E T

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 19

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Fire Control Stations
2. Place (Local name) Warren Point
Town Little Compton County Newport State R. I.
3. Owner: Name (a) John S. Cooke Estate (b) Ruth & Amy Parks
Address Little Compton Little Compton
Rhode Island Rhode Island
4. Area to be acquired Approx. 2 Acres
5. Site is: Developed Yes Undeveloped _____
6. Site is part of: Farm _____ Summer estate Yes
7. Active shore lot development Yes Inactive _____
8. Does site include buildings Yes No. & Type 2-2 1/2 story
frame houses, 1 frame garage
9. Is site contiguous to public road Yes
10. Is easement required for right of way No Length _____
11. Is easement required for cable No Length _____
12. Assessed value of land \$ \$4,000 per Acre Buildings \$ 12,000
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ 26,900
14. Estimated cost of right-of-way \$ None
15. Estimated cost of cable easement \$ None
16. Estimated cost removal of utilities \$ 300
17. Estimated cost of taking surveys \$ 1,000
18. Estimated cost of legal transfer \$ Included in item 17
19. Total estimated cost of site \$ 28,200
20. Do you believe condemnation proceedings necessary? No

REMARKS: (Refer to numbered items) _____

This location was approved for Fire Control Stations, Ref. #6, Priority 16 (\$17,000). See exhibit 2-H-9. Increase in funds of \$11,200 required.

S E C R E T

Exhibit 3-H, Page 22 of 33 pages

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 50

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Base End Stations
2. Place (Local Name) Gooseberry Neck
Town Westport County Bristol State Mass.
3. Owner: Name Nicholas Saveros
Address Westport, Mass.
4. Area to be acquired 74 Acres
5. Site is: Developed Partial Undeveloped _____
6. Site is part of: Farm _____ Summer estate _____
7. Active shore lot development Partial Inactive _____
8. Does site include buildings Yes No. & Type _____
14 Buildings Various types - cheap construction
9. Is site contiguous to public road Yes
10. Is easement required for right of way No Length _____
11. Is easement required for cable No Length _____
12. Assessed value of land \$ 3,500 Buildings \$ 2,300
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ 44,000
14. Estimated cost of right-of-way \$ 0
15. Estimated cost of cable easement \$ 0
16. Estimated cost removal of utilities \$ 0
17. Estimated cost of taking surveys \$ 1,000
18. Estimated cost of legal transfer \$ Included in item 17
19. Total estimated cost of site \$ 45,000
20. Do you believe condemnation proceedings necessary? No

REMARKS: (Refer to numbered items) _____

- (13) Based on potential value of land if subdivided and sold in separate parcels at normal prices for shore lots. (\$32,900. Estimated purchase cost of 14 structures on island \$11,100)

This location was approved for Base End Stations, Ref. #6, Priority 40 (\$1,800) and Ref. #8, Priority 13 (\$1,000). See exhibit 2-H-10. Increase in funds of \$42,200 required to cover cost of additional station sites.

S E C R E T

Exhibit 3-H, Page 23 of .33 Pages

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 57 (Site 1)

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Base End Stations for Batteries Gray, 8" Sakonnet,
Constr. #110, #210 and #212.
2. Place (Local Name) Cuttyhunk Island
Town Gosnold County Duke State Massachusetts
3. Owner: Name Cornelius A. Wood Estate
Address Arden Trust Co., Shawshoen Village, Andover, Mass.
4. Area to be acquired 3 1/2 Acres
5. Site is: Undeveloped Yes
6. Site is part of: Waste Land
7. Active shore lot development No Inactive _____
8. Does site include buildings No No. & Type _____
9. Is site contiguous to public road No
10. Is easement required for right of way Yes Length 1,000 feet
11. Is easement required for cable Yes Length 1,000 feet
12. Assessed value of land \$ 1,000. per Acre Buildings \$ None
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land \$ 6,000.
14. Estimated cost of right-of-way \$ none
15. Estimated cost of cable easement \$ 400
16. Estimated cost removal of utilities \$ none
17. Estimated cost of taking surveys \$ 600
18. Estimated cost of legal transfer \$ Included with item 17
19. Total estimated cost of site \$ 7,000
20. Do you believe condemnation proceedings necessary? No

REMARKS: (Refer to numbered items) _____

(#13) Price based upon recent sale of land to Coast Guard Service. Owner has built an expensive road (\$60,000) to the area embracing these sites, and although he has never developed the property he feels that it still has possibilities. See attached copy of letter from U. S. Coast Guard. This location was approved for Fire Control Stations, Ref. #6, Priority 46 (\$6,400 See exhibit 2-H-11. Increase in funds of \$600 required.

S E C R E T

Exhibit 3-H, Page 24 of 33

C O P Y

OFFICE OF COMMANDER
Boston District

TREASURY DEPARTMENT

United States Coast Guard

Forts 12/11

Boston, Mass.

7 May, 1941

Captain A. G. Viney
Chief of Fortifications Section
U. S. Engineer Office
Industrial Trust Building
Providence, Rhode Island

Dear Sir:

Referring to the matter of easements for the construction of small fire control or lookout buildings and rights of way for the installation of communication lines at Cuttyhunk and Gay Head, Massachusetts, and to letter of this office in regard to this matter dated 23 April, 1941, you are advised that a reply has been received from Coast Guard Headquarters in Washington in response to an inquiry by this office, and the following is quoted from that letter for your information:

"Headquarters' records do not disclose complete information as to ownership of the land on which the present lookout tower stands. It does, however, appear of record that during September, 1917, a Mr. William M. Wood offered to build a watch tower on the hill in the center of the island to replace the old structure, but the owner of the land at that time (The Cuttyhunk Club) refused Mr. Wood permission to use its land. The present tower site appears to be occupied under a revocable permit from the owner of the land, but the permit cannot be found in the files. Occupancy of a portion of the present tower site would not be objectionable to the Coast Guard should the U. S. Engineers obtain permission therefor from the present owner of the land.

The Lifeboat Station site at Gay Head is owned by the Coast Guard but is surrounded on the north, east and south by land owned by a Mr. Gimmochio, the United States right to pass thereover being contained in the following provision of the deed under which the station site was acquired:

"****with full right of egress and ingress thereto in any direction over other lands of the grantor by those in the employ of the United States, on foot or with vehicles of any kind, with boats or any articles used for the purpose of carrying out the intentions of Congress in providing for the establishment of Life-Saving Stations, and the right to pass over any lands of the grantor in any manner in the prosecution of said purpose;****"

No objection is seen by Headquarters to the U. S. Engineers' proposed occupancy of a portion of the station site at Gay Head, and prompt consideration will be given to the issuance of a Department permit to the U. S. Engineers upon receipt of written request with plat showing the portion of the Coast Guard property they desire to utilize."

This office will be pleased to cooperate with you in this matter in every way practicable.

Very truly yours,
T. A. Shanley
Captain, U.S. Coast Guard
Commander, Boston District

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 57 (Site 2)

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Base End Station for Battery Milliken
2. Place (Local name) Cuttyhunk Island
Town Gosnold County Duke State Mass.
3. Owner: Name Cornelius A. Wood Estate
Address Arden Trust Co., Shawsheen Village, Andover, Mass.
4. Area to be acquired 1 1/2 acres.
5. Site is: _____ Undeveloped Yes
6. Site is part of: Waste Land
7. Active shore lot development No
8. Does site include buildings No Coast Guard look-
out station adjacent to area required.
9. Is site contiguous to public road No
10. Is easement required for right of way Yes Length 50 Feet
11. Is easement required for cable Yes Length 600 Feet
12. Assessed value of land \$1,000. per acre Buildings \$ None
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land \$ 850.
14. Estimated cost of right-of-way \$ None
15. Estimated cost of cable easement \$ Included in Site 1
16. Estimated cost removal of utilities \$ None
17. Estimated cost of taking surveys \$ 100
18. Estimated cost of legal transfer \$ Included with item 1
19. Total estimated cost of site \$ 950
20. Do you believe condemnation proceedings necessary? No

REMARKS: (Refer to numbered items) _____

This site affords better observation of water areas for this Battery than former site which is now the location of other batteries.

S E C R E T

Exhibit 3-H, Page 25 of 33 pages

S E C R E T

Form #35

U. S. - 11 Wilmington Bay
Location No. 27 (Site 1)

PRELIMINARY DATA FOR PROPOSED LAND ACQUISITION

1. For installation of Base and station, Battery Cove
2. Place (Local Name) Gay Head
Town Gay Head County Duke State Mass.
3. Owner: Name Duke County - Mr. Isaac, Chairman, Board of County Commissioners
Address Vineyard Haven, Mass
4. Area to be acquired 3 1/2 Acres
5. Site is: Undeveloped Yes
6. Site is part of: Picnic area
7. Active shore lot development No
8. Does site include buildings No
9. Is site contiguous to public road Yes
10. Is easement required for right of way No
11. Is easement required for cable Yes Length 2500 ft.
12. Assessed value of land \$1,000 per acre Buildings \$ None
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ 5,600
14. Estimated cost of right-of-way \$ None
15. Estimated cost of cable easement \$ 250
16. Estimated cost removal of utilities \$ None
17. Estimated cost of taking surveys \$ 100
18. Estimated cost of legal transfer \$ Included in item 17
19. Total estimated cost of site \$ 4,850
20. Do you believe condemnation proceedings necessary? No

REMARKS: (Refer to numbered items) (12) Land is privately owned land is assessed at \$35 per acre, although County paid \$125 per acre for the land which they own. (13) It is believed that the required land may be obtained under a long term lease for a far less sum.

This location approved for Base and Station, Ref. 80, Priority 80 (\$400)
See exhibit 2-H-12. Increase in funds of \$3,850 required.

S E C R E T

Exhibit 2-H-12, Page 26 of 33 Pa

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 59 (Site 2)

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Base end station for Battery Milliken
2. Place (Local Name) Gay Head
Town Gay Head County Duke State Mass.
3. Owner: Name U.S. Coast Guard Station
Address Gay Head, Mass.
4. Area to be acquired 20' x 20'
5. Site is: Developed Yes
6. Site is part of: Coast Guard Station
7. Active shore lot development No
8. Does site include buildings Yes No. & Type Coast Guard
Station with garage and misc. structures.
9. Is site contiguous to public road No
10. Is easement required for right of way See below Length 500 yards
11. Is easement required for cable Yes Length 1000 feet
12. Assessed value of land \$ None required Buildings \$ None required
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ None
14. Estimated cost of right-of-way \$ None
15. Estimated cost of cable easement \$ Included in Site 1
16. Estimated cost removal of utilities \$ None
17. Estimated cost of taking surveys \$ None
18. Estimated cost of legal transfer \$ None
19. Total estimated cost of site \$ None
20. Do you believe condemnation proceedings necessary? No

REMARKS: (Refer to numbered items) With reference to items No. 4, 10 & 14,
see copy of letter attached to (Exhibit - 3-H. Page 24 of 33 Pages/

S E C R E T

Exhibit 3-H, Page 27 of 33 P

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 60 (Site 1)

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Observation Stations
Batteries #109, #110, #108
2. Place (Local Name) Beacon Hill (Black Island)
Town New Shoreham County Newport State R.I.
3. Owner: Name William A. Dogget
Address Boston, Mass.
4. Area to be acquired 7½ Acres
5. Site is: Developed Yes Undeveloped _____
6. Site is part of: Farm _____ Summer estate Yes
7. Active shore lot development _____ Inactive _____
8. Does site include buildings Yes No. & Type 1½ Story
stone dwelling 1½ story frame dwelling
9. Is site contiguous to public road Yes
10. Is easement required for right of way No Length _____
11. Is easement required for cable Yes Length 5000 ft. (on highway)
12. Assessed value of land \$ 400 Buildings \$ 1200
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ 6000
14. Estimated cost of right-of-way \$ None
15. Estimated cost of cable easement \$ None
16. Estimated cost removal of utilities \$ None
17. Estimated cost of taking surveys \$ 300
18. Estimated cost of legal transfer \$ 200
19. Total estimated cost of site \$ 6500
20. Do you believe condemnation proceedings necessary? No

REMARKS: (Refer to numbered items) (12) Board of assessors advises that assessed values are 40% of market value. Real estate dealers concur with this belief but in some cases desirable shore or hill top property brings considerably more.

S E C R E T

Exhibit 3-H, Page 28 of 33 Pa

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 60 (Site 2-A)

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Observation Stations
Batteries #108, 109, #216
2. Place (Local Name) Southwest (Block Island)
Town New Shoreham County Newport State R.I.
3. Owner: Name William Lewis
Address Block Island, R.I.
4. Area to be acquired 8 Acres
5. Site is: Developed Yes Undeveloped _____
6. Site is part of: Farm Yes Summer estate _____
7. Active shore lot development _____ Inactive _____
8. Does site include buildings No No. & Type _____
9. Is site contiguous to public road No
10. Is easement required for right of way Yes Length 5000'
11. Is easement required for cable Yes Length 3000'
12. Assessed value of land \$ 500 Buildings \$ None
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ 1200
14. Estimated cost of right-of-way \$ 200
15. Estimated cost of cable easement \$ 100
16. Estimated cost removal of utilities \$ None
17. Estimated cost of taking surveys \$ 300
18. Estimated cost of legal transfer \$ 200
19. Total estimated cost of site \$ 2000
20. Do you believe condemnation proceedings necessary? No

REMARKS: (Refer to numbered items) Site is developed as farmland
being one of the best farm tracts on the island. Has possibilities as a
site for summer residences.

S E C R E T

Exhibit 3-H, Page 29 of 33 Pa

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 60 (Site 2-B)

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Observation Stations
Batteries #113, #111, #114
 2. Place (Local Name) Southwest (Block Island)
Town New Shoreham County Newport State R.I.
 3. Owner: Name William Lewis Ambrose Rose
Address Block Island, R.I. Huntington, L.I., N.Y.
 4. Area to be acquired 18 Acres
 5. Site is: Developed _____ Undeveloped Yes
 6. Site is part of: Farm Yes Summer estate _____
 7. Active shore lot development _____ Inactive _____
 8. Does site include buildings No No. & Type _____
 9. Is site contiguous to public road No
 10. Is easement required for right of way Yes Length 3000'
 11. Is easement required for cable No Length _____
 12. Assessed value of land \$ 1000 Buildings \$ _____
- If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ 3100
 14. Estimated cost of right-of-way \$ 300
 15. Estimated cost of cable easement \$ None
 16. Estimated cost removal of utilities \$ None
 17. Estimated cost of taking surveys \$ 600
 18. Estimated cost of legal transfer \$ 400
 19. Total estimated cost of site \$ 4400
 20. Do you believe condemnation proceedings necessary? No

REMARKS: (Refer to numbered items) 10 Acres owned by Mr. Lewis at north end
site is used as pasturage in connection with dairy farm. 8 Acres bordering
the shore was purchased several years ago by Mr. Rose for use as a summer
resort. Economic conditions caused these plans to fall thru. The entire site
some potential value for summer estates, but the island as a summer resort has
lost population in recent years.

S E C R E T

Exhibit 3-H, Page 30 of 33

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 60 (Site 3-A)

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of OBservation Stations
Batteries #108, #109, #110
2. Place (Local Name) Payne (Block Island)
Town New Shoreham County Newport State R.I.
3. Owner: Name Ed. M. Milliken
Address Block Island, R.I.
4. Area to be acquired 3 Acres
5. Site is: Developed _____ Undeveloped Yes
6. Site is part of: Farm Yes Summer estate _____
7. Active shore lot development _____ Inactive _____
8. Does site include buildings No No. & Type _____
9. Is site contiguous to public road Yes
10. Is easement required for right of way No Length _____
11. Is easement required for cable No Length _____
12. Assessed value of land \$ 780 Buildings \$ _____
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ 1000
14. Estimated cost of right-of-way \$ None
15. Estimated cost of cable easement \$ None
16. Estimated cost removal of utilities \$ None
17. Estimated cost of taking surveys \$ 300
18. Estimated cost of legal transfer \$ 200
19. Total estimated cost of site \$ 1500
20. Do you believe condemnation proceedings necessary? No

REMARKS: (Refer to numbered items) This area being adjacent to highway and within 10 minutes walk from village has some value as a site for possible house lots etc.

S E C R E T

Exhibit 3-H, Page 31 of 33 Pages

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 60 (Site 3-B)

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Observation Stations
Batteries Gray, #111, #113, #114, #211
2. Place (Local Name) Turtle Hill (Block Island)
Town New Shoreham County Newport State R.I.
3. Owner: Name Ball Estate
Address Block Island, R.I.
4. Area to be acquired 5 Acres
5. Site is: Developed _____ Undeveloped Yes
6. Site is part of: Farm Yes Summer estate _____
7. Active shore lot development _____ Inactive _____
8. Does site include buildings No No. & Type _____
9. Is site contiguous to public road Yes
10. Is easement required for right of way No Length _____
11. Is easement required for cable No Length _____
12. Assessed value of land \$ 50 per acre Buildings \$ _____
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
13. Estimated purchase cost of land and buildings \$ 1300
14. Estimated cost of right-of-way \$ None
15. Estimated cost of cable easement \$ None
16. Estimated cost removal of utilities \$ None
17. Estimated cost of taking surveys \$ 300
18. Estimated cost of legal transfer \$ 200
19. Total estimated cost of site \$ 1800
20. Do you believe condemnation proceedings necessary? No

REMARKS: (Refer to numbered items) Approximately 2 acres of this site is a hill top overlooking town & ocean and has very potential value as a possible site for summer residence.

S E C R E T

S E C R E T

Form #35

H. D. of Narragansett Bay

Location No. 60 (Site 4)

PRELIMINARY DATA FOR PROPOSED LAND ACQUIREMENT

1. For installation of Observation Stations
Batteries #108, #109, #110, #111, #113, #114, #211
 2. Place (Local Name) Clayhead (Block Island)
Town New Shoreham County Newport State R.I.
 3. Owner: Name Ambrose Rose Henry D. Reinz
Address Huntington, L.I., N.Y. Block Island, R.I.
et al.
 4. Area to be acquired 45 Acres
 5. Site is: Developed Yes Undeveloped _____
 6. Site is part of: Farm Yes Summer estate _____
 7. Active shore lot development _____ Inactive Yes
 8. Does site include buildings Yes No. & Type 1-1½ story
and 1-2½ story frame residences
 9. Is site contiguous to public road Yes
 10. Is easement required for right of way No Length _____
 11. Is easement required for cable Yes Length 1000'
 12. Assessed value of land \$ 4000 Buildings \$ 2100
If no land, easement, or right-of-way is required, state, "none required" in appropriate space below.
 13. Estimated purchase cost of land and buildings \$ 12,250
 14. Estimated cost of right-of-way \$ None
 15. Estimated cost of cable easement \$ 100
 16. Estimated cost removal of utilities \$ None
 17. Estimated cost of taking surveys \$ 1,200
 18. Estimated cost of legal transfer \$ 700
 19. Total estimated cost of site \$ 14,250
 20. Do you believe condemnation proceedings necessary? No
- REMARKS: (Refer to numbered items) _____

S E C R E T

Exhibit 3-H, Page 33 of 33 Pa

HARBOR DEFENSES OF NARRAGANSETT BAY

EXHIBITS - ANNEX I

<u>EXHIBIT</u>	<u>CONTENTS</u>
1-I	Map of Artillery Installations By Location
2-I	Information for Design and Construction of Installations by Location
3-I	Fire Control Installations by Location

S E C R E T

Form #36.

H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 27

Place: (Local Name) Watch Hill Point

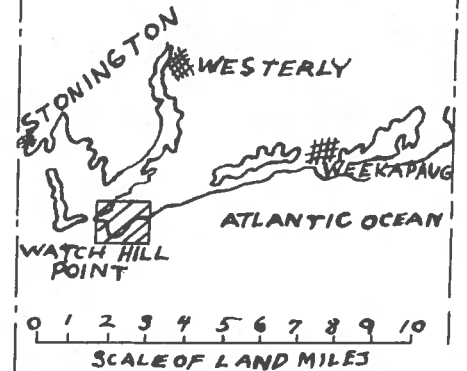
TOWN Westerly COUNTY Washington STATE R. I.

Site No. Installation

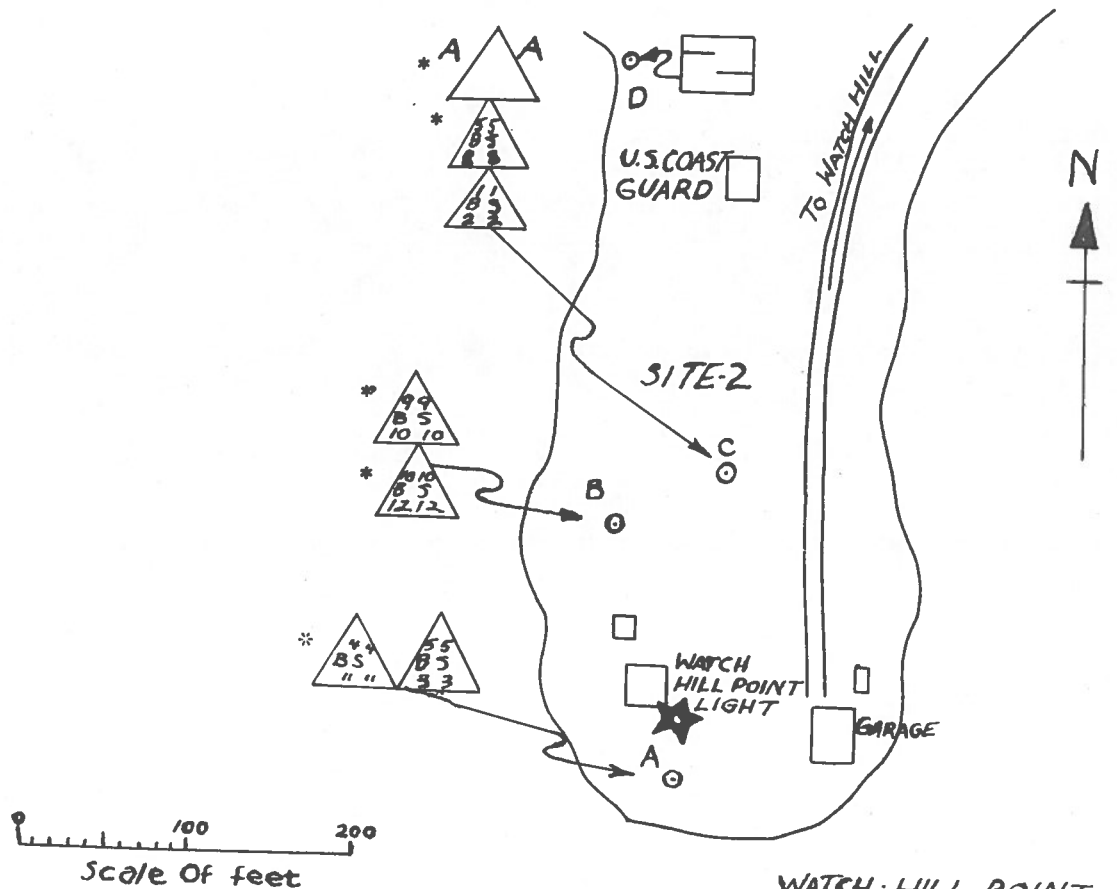
2	A
2	B
2	C
2	D

INSERT MAP

GENERAL LOCALITY



SCALE MAP SHOWING THE SITE OF EACH PROPOSED ARTILLERY INSTALLATION.
BY NUMBER AND SYMBOL - SEE FM 4 - 155.



WATCH HILL POINT

S E C R E T

Exhibit 1-I, Page 1 of 29 pag

* Harbor Defenses of Long Island Sound

SECRET

Form #36

H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 29

Place : (Local Name) Noyes Point

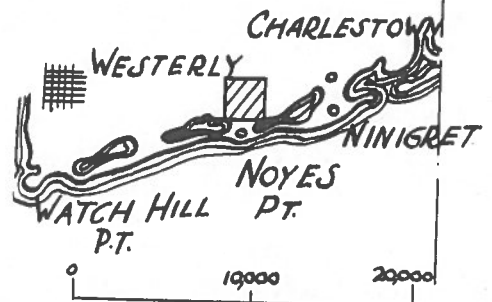
TOWN Westerly COUNTY Washington STATE R.I.

Site No. Installation

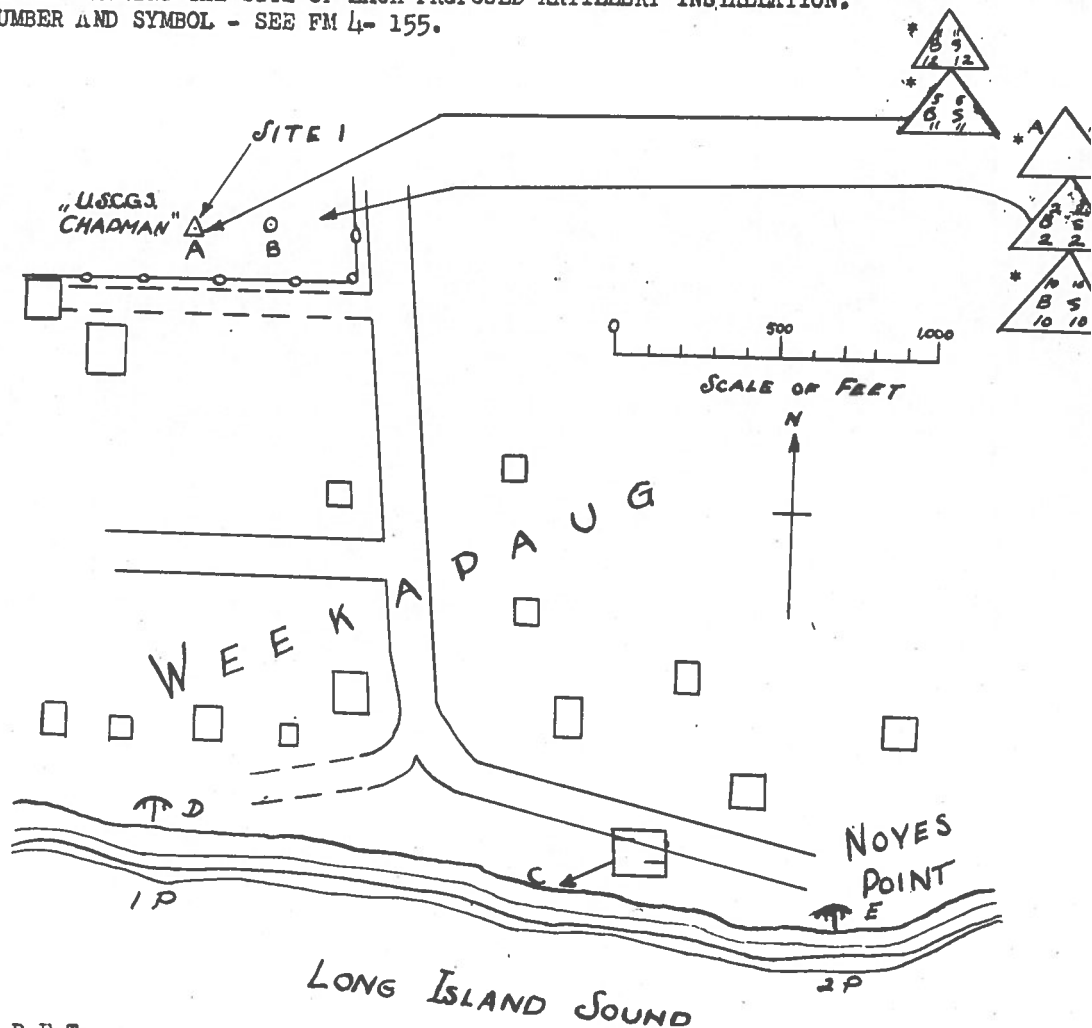
1	A
1	B
1	C
1	D
1	E

INSERT MAP

GENERAL LOCALITY



SCALE MAP SHOWING THE SITE OF EACH PROPOSED ARTILLERY INSTALLATION.
BY NUMBER AND SYMBOL - SEE FM 4-155.



SECRET

Exhibit 1-I, Page 2 & 3 of 29 pages.

* Included in Harbor Defences of Long Island Sound.

SECRET

Form #36

H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 31

Place : (Local Name) Charlestown

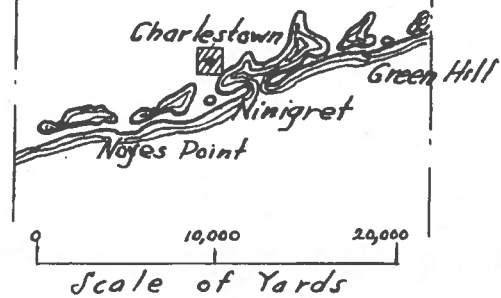
TOWN Charlestown COUNTY Washington STATE R.I.

Site No. Installation

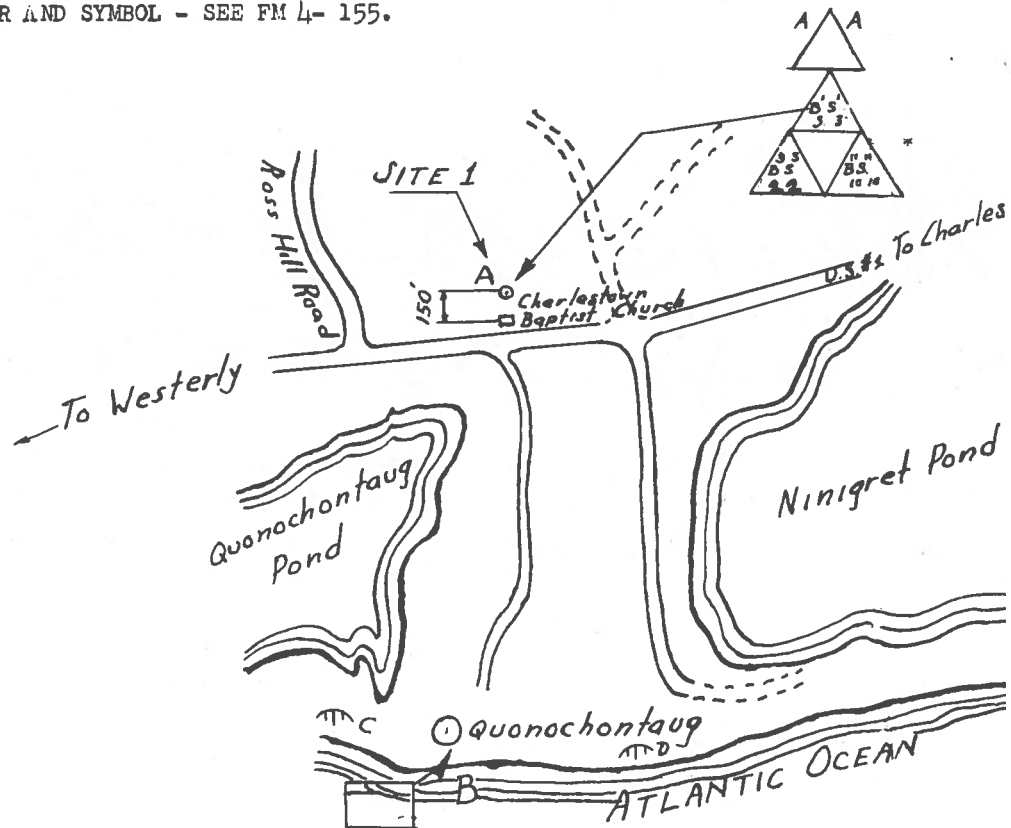
1	A
1	B
1	C
1	D

INSERT MAP

GENERAL LOCALITY



SCALE MAP SHOWING THE SITE OF EACH PROPOSED ARTILLERY INSTALLATION.
BY NUMBER AND SYMBOL - SEE FM 4-155.



0 5000

SCALE OF FEET

SECRET

Exhibit 31, Page 4 of 29 pa

* Included in Harbor Defenses of Long Island Sound

S E C R E T

Form #36

H. D. of Harriet Lane Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 52

Place : (Local Name) Point Hill

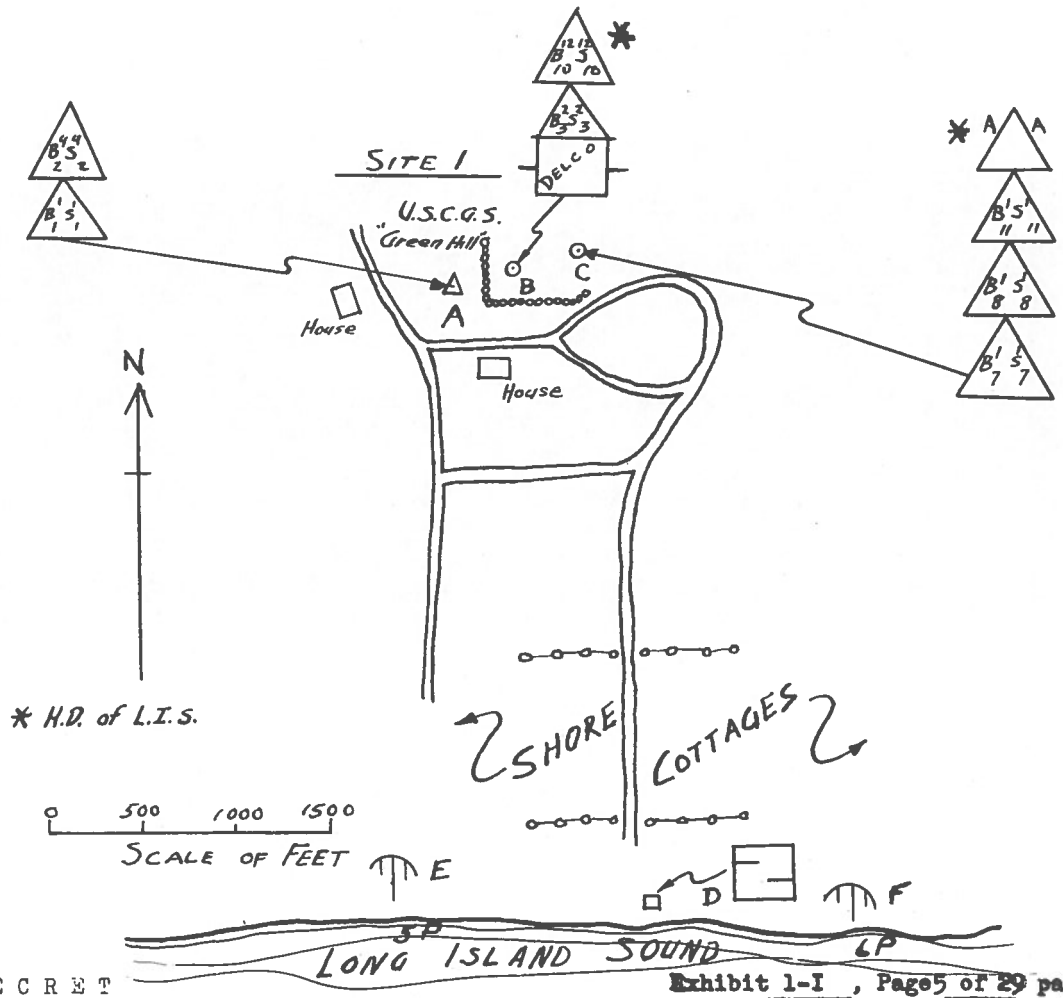
TOWN So. Kingstown COUNTY Washington STATE P.R.

Site No.	Installation
1	A
1	B
1	C
1	D
1	E
1	F

INSERT MAP
GENERAL LOCALITY



0 10000 20000
SCALE OF YARDS



S E C R E T

S E C R E T

Form #36

H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 33

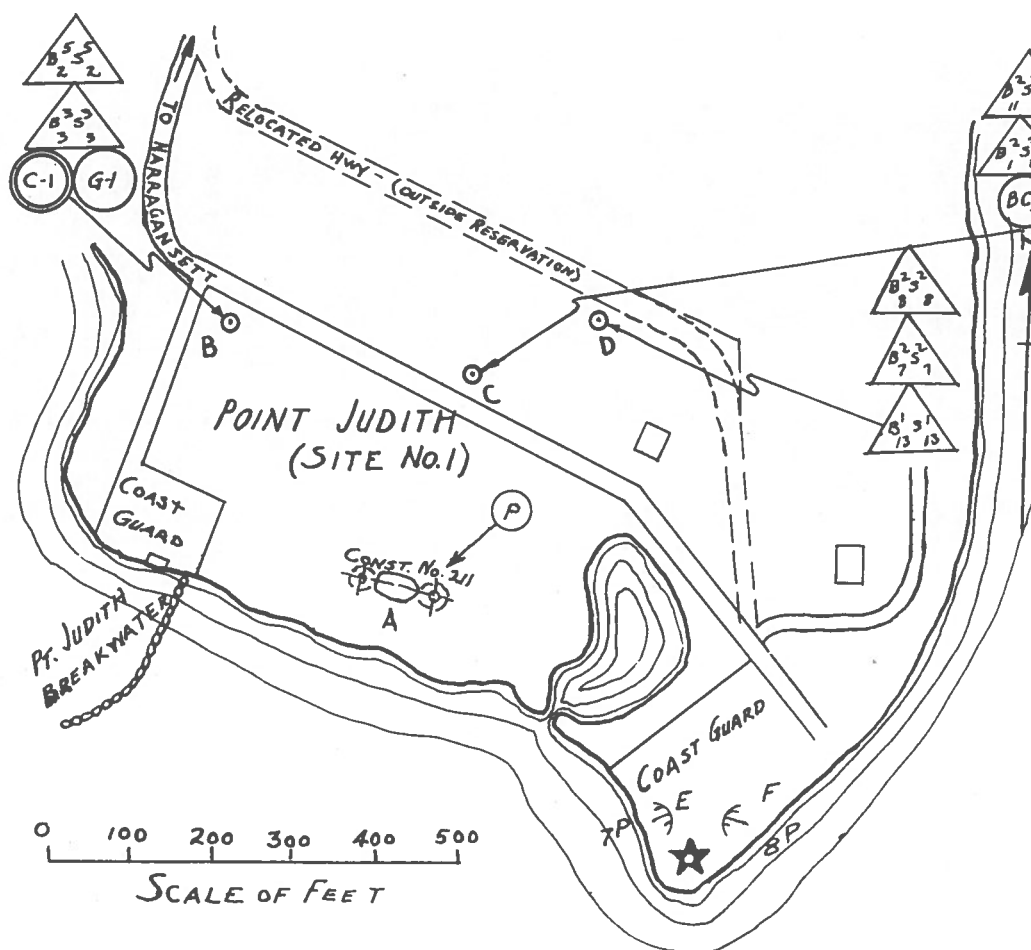
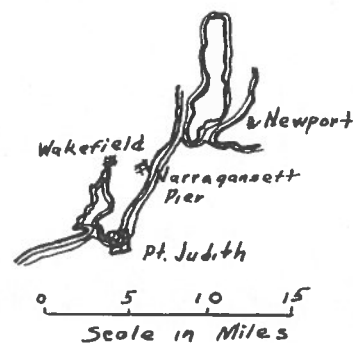
Place : (Local Name) Point Judith

TOWN Narragansett COUNTY Washington STATE R.I.

Site No.	Installation
1	A
1	B
1	C
1	D
1	E
1	F

INSERT MAP

GENERAL LOCALITY



S E C R E T

S E C R E T

Form #36

H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 34

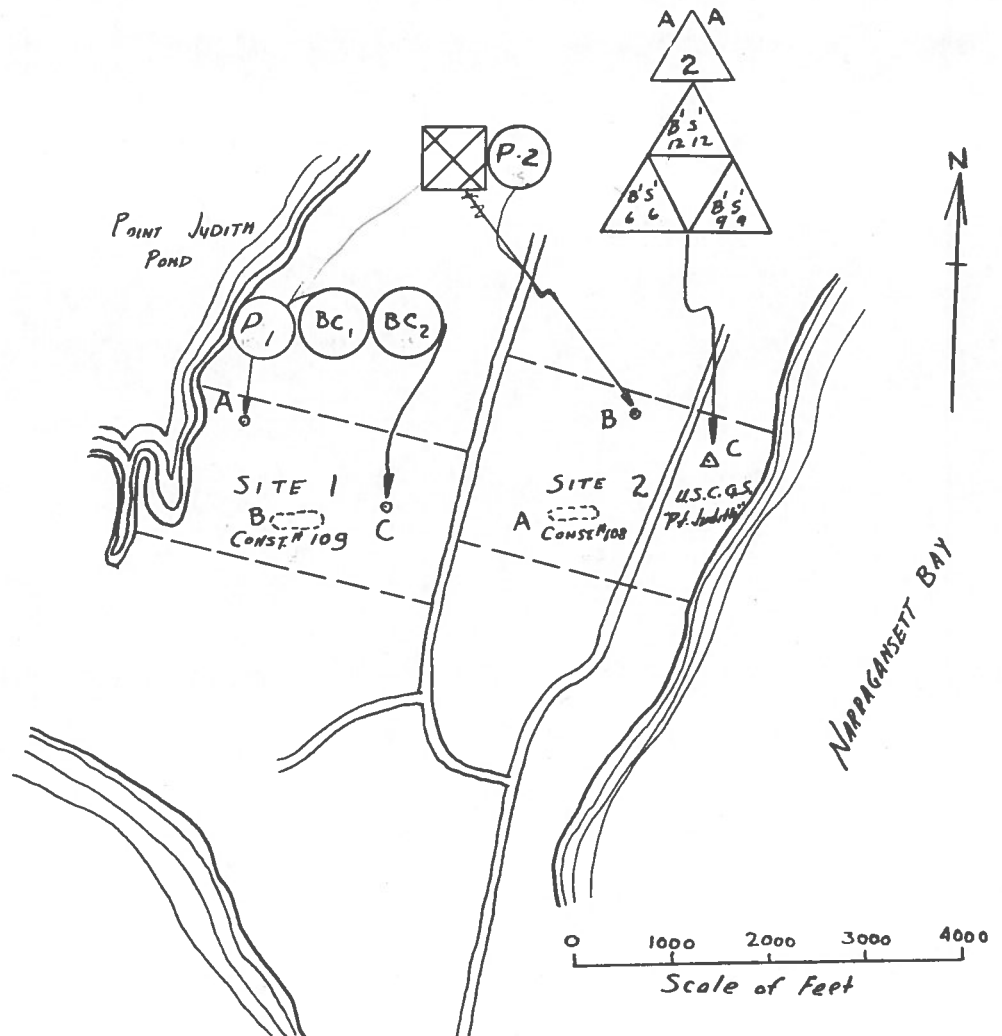
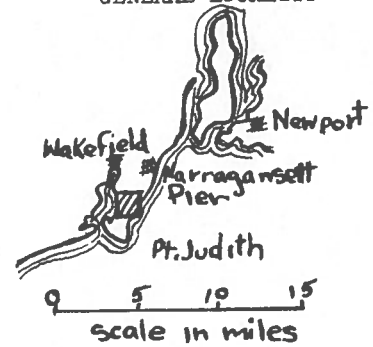
Place : (Local Name) Port Greene

TOWN Narragansett COUNTY Washington STATE R.I.

Site No.	Installation
1	A
1	B
1	C
2	A
2	B
2	C

INSERT MAP

GENERAL LOCALITY



S E C R E T

SECRET

Form #36

H. D. of Narragansett Bay

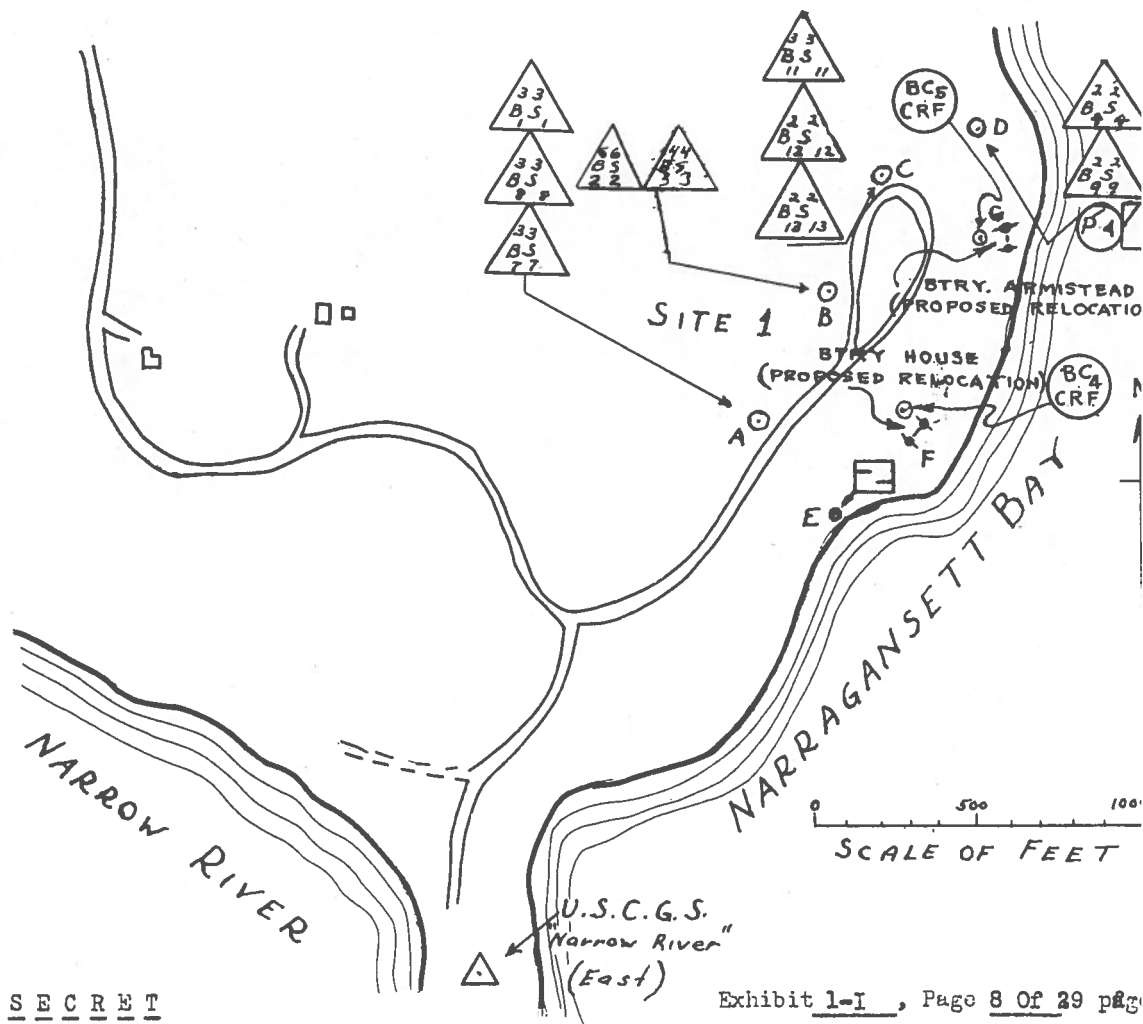
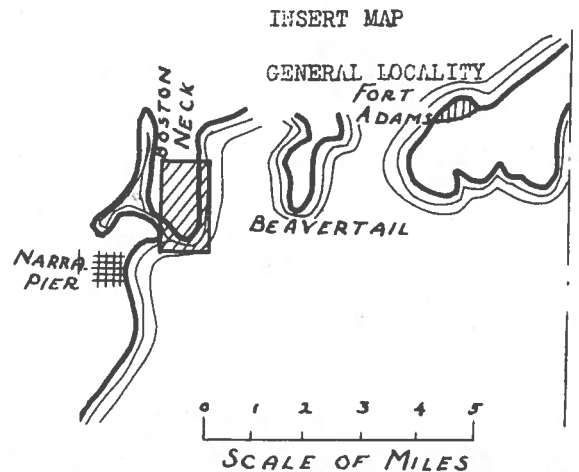
MAP OF ARTILLERY INSTALLATIONS

Location No. 35

Place : (Local Name) Boston Neck

TOWN Narragansett COUNTY Washington STATE R.I.

Site No.	Installation
1	A
1	B
1	C
1	D
1	E
1	F
1	G



SECRET

S E C R E T

Form #36

H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 36

Place : (Local Name) The Bonnet

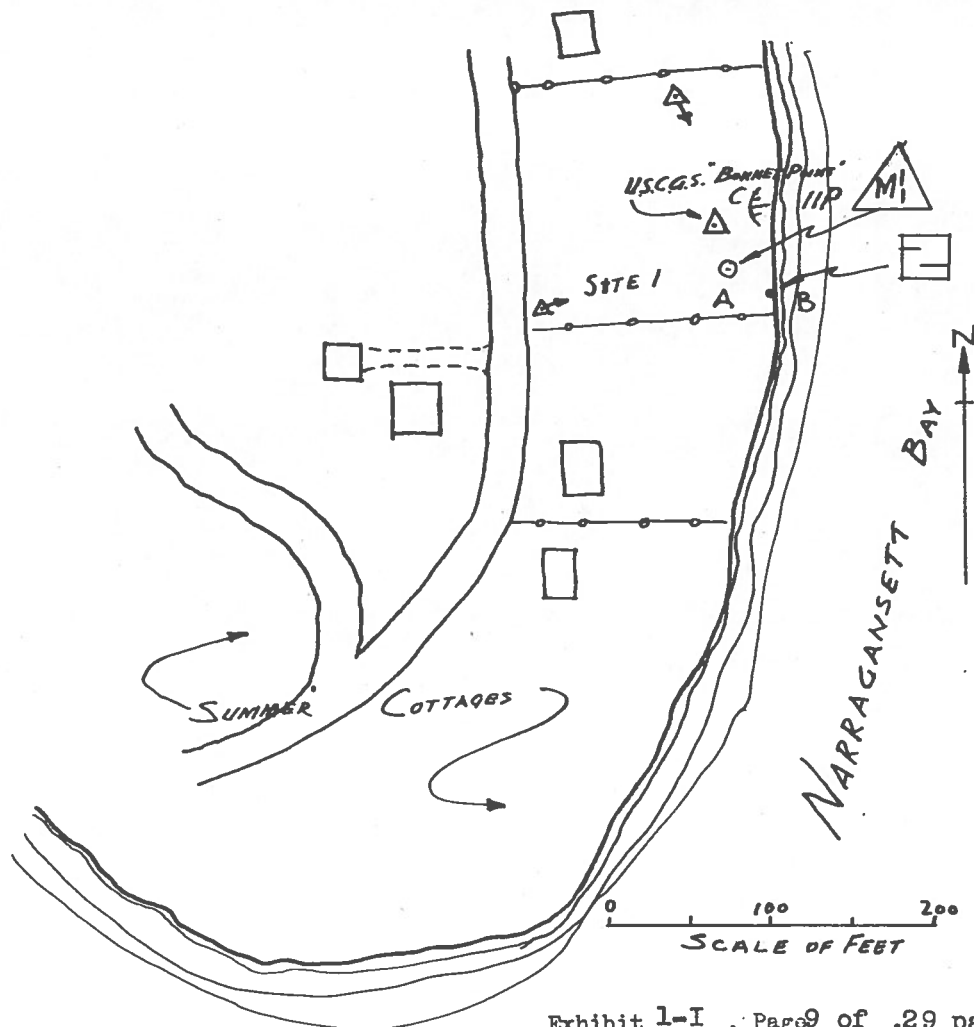
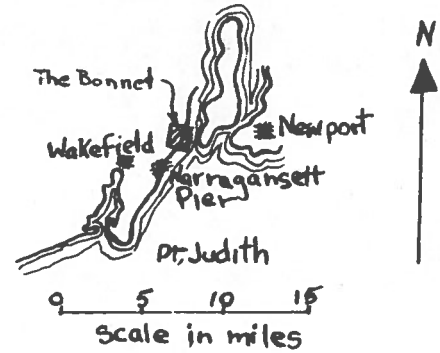
TOWN Narragansett COUNTY Washington STATE R.I.

Site No. Installation

1	A
1	B
1	C

INSERT MAP

GENERAL LOCALITY



S E C R E T

Exhibit 1-I, Page 9 of 29 pages

S E C R E T

Form #36

H. D. of Narragansett Bay

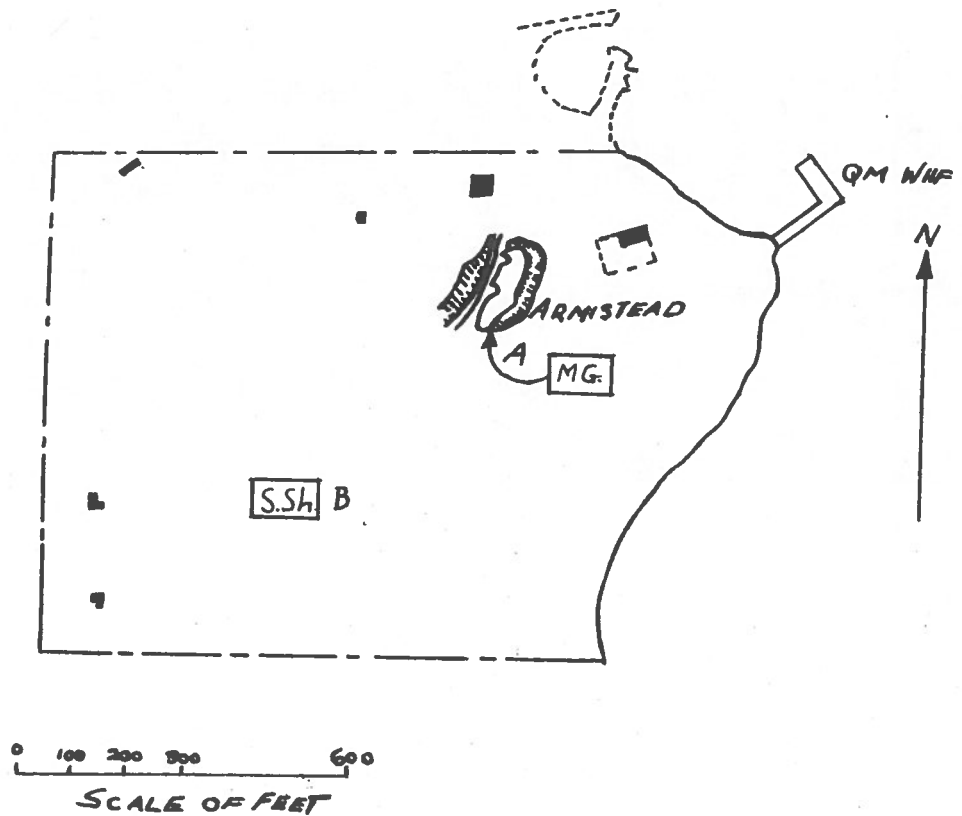
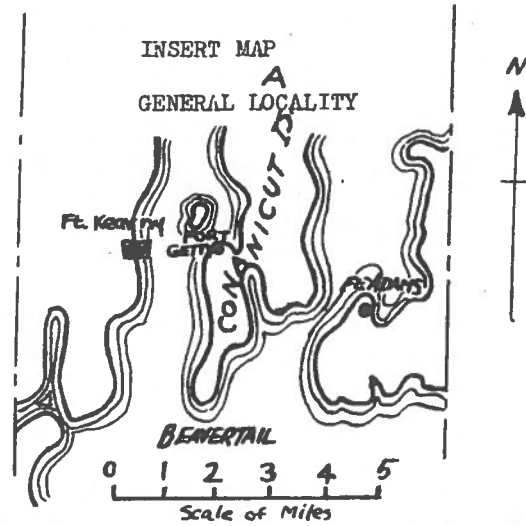
MAP OF ARTILLERY INSTALLATIONS

Location No. 37

Place : (Local Name) Fort Kearny

TOWN Narragansett COUNTY Washington STATE R.I.

Site No.	Installation
1	A.
1	B



S E C R E T

S E C R E T

Form #36

H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 38

Place : (Local Name) Fort Greble (Dutch Island)

TOWN Jamestown

COUNTY Newport

STATE

R.I.

Site No.

Installation

1

D

1

H

1

I

1

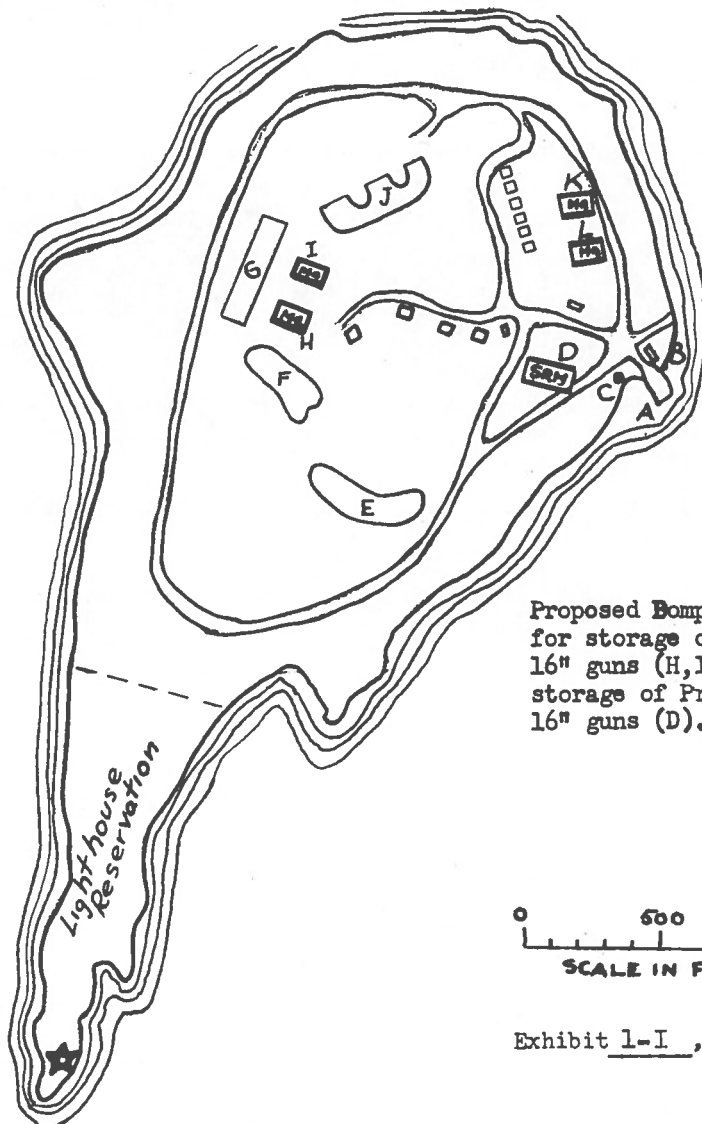
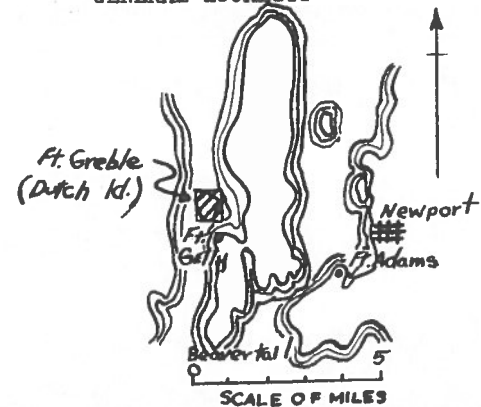
K

1

L

INSERT MAP

GENERAL LOCALITY



Proposed Bomproof Magazines
for storage of Powder for
16" guns (H, I, K, & L); for
storage of Projectiles for
16" guns (D).

S E C R E T

Exhibit 1-I, Page 11 of 29

SECRET

Form #36

H. D. of Narragansett Bay

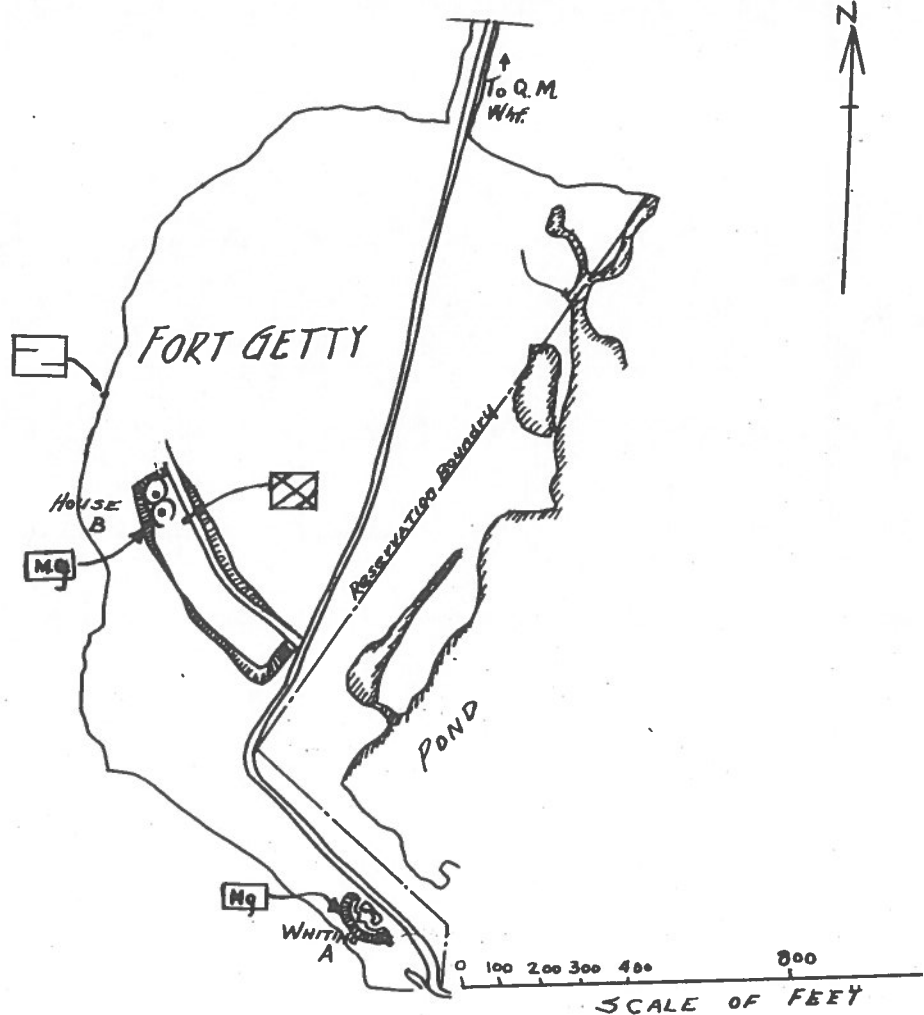
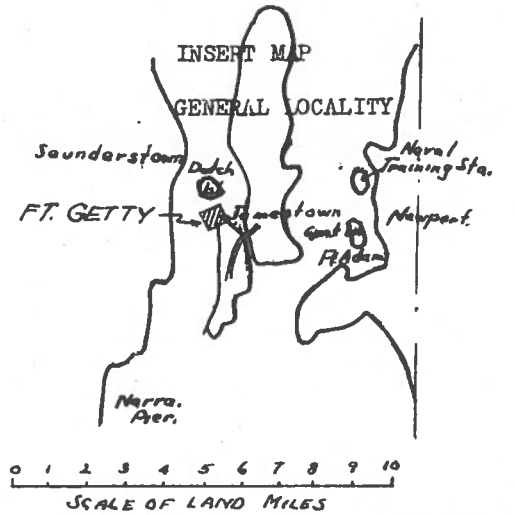
MAP OF ARTILLERY INSTALLATIONS

Location No. 39

Place : (Local Name) Fort Getty

TOWN Jamestown COUNTY Newport STATE R.I.

Site No.	Installation
1	A
1	B
1	C



SECRET

Exhibit 1-1, Page 12 of 29 pa

SECRET

Form #36

H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 40

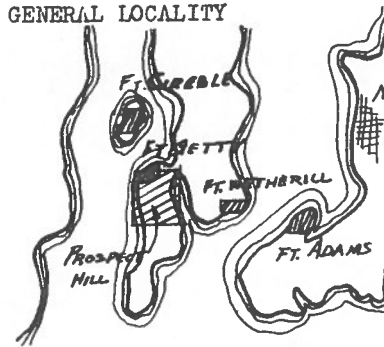
Place : (Local Name) Prospect Hill

TOWN Jamestown COUNTY Newport STATE R.I.

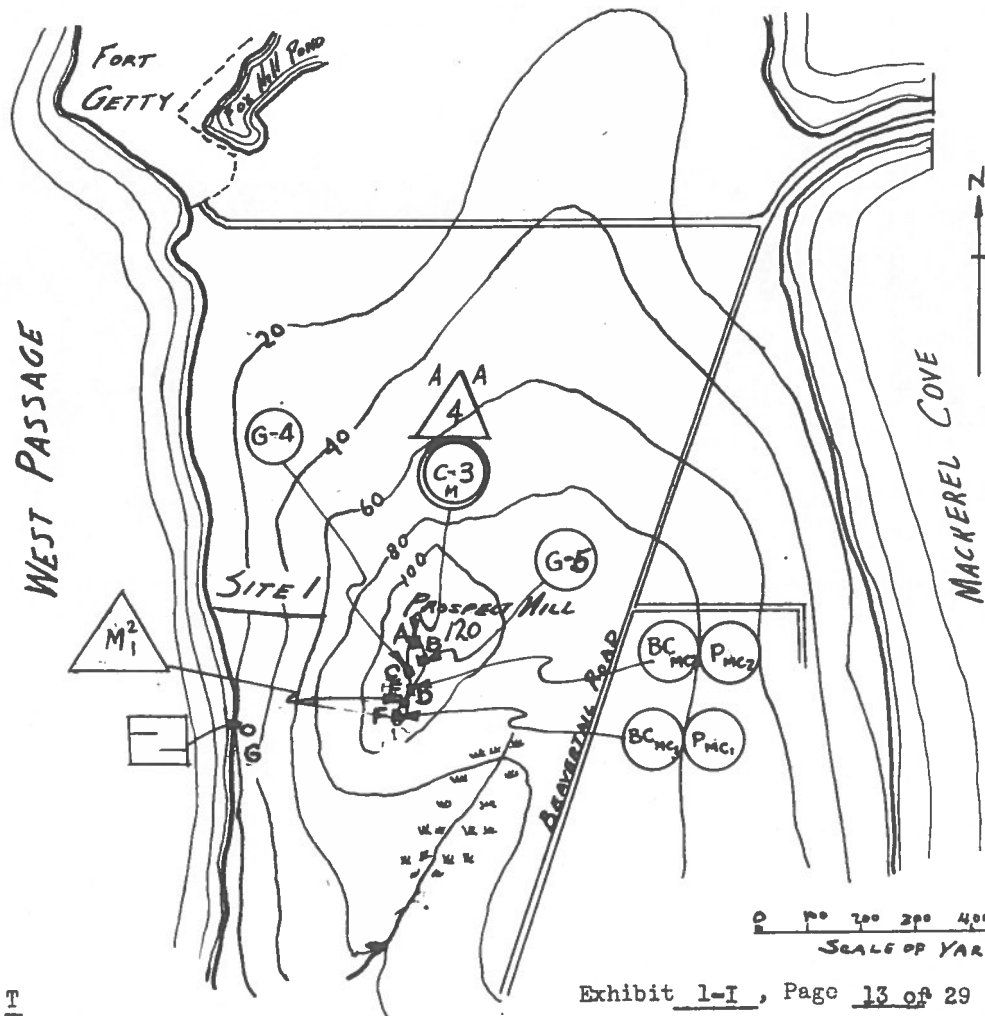
Site No.	Installation
1	A
1	B
1	C
1	D
1	E
1	F
1	G

INSERT MAP

GENERAL LOCALITY



0 1 2 3 4 5
Scale of Miles



SECRET

S E C R E T

Form #36

H. D. of Narragansett Bay

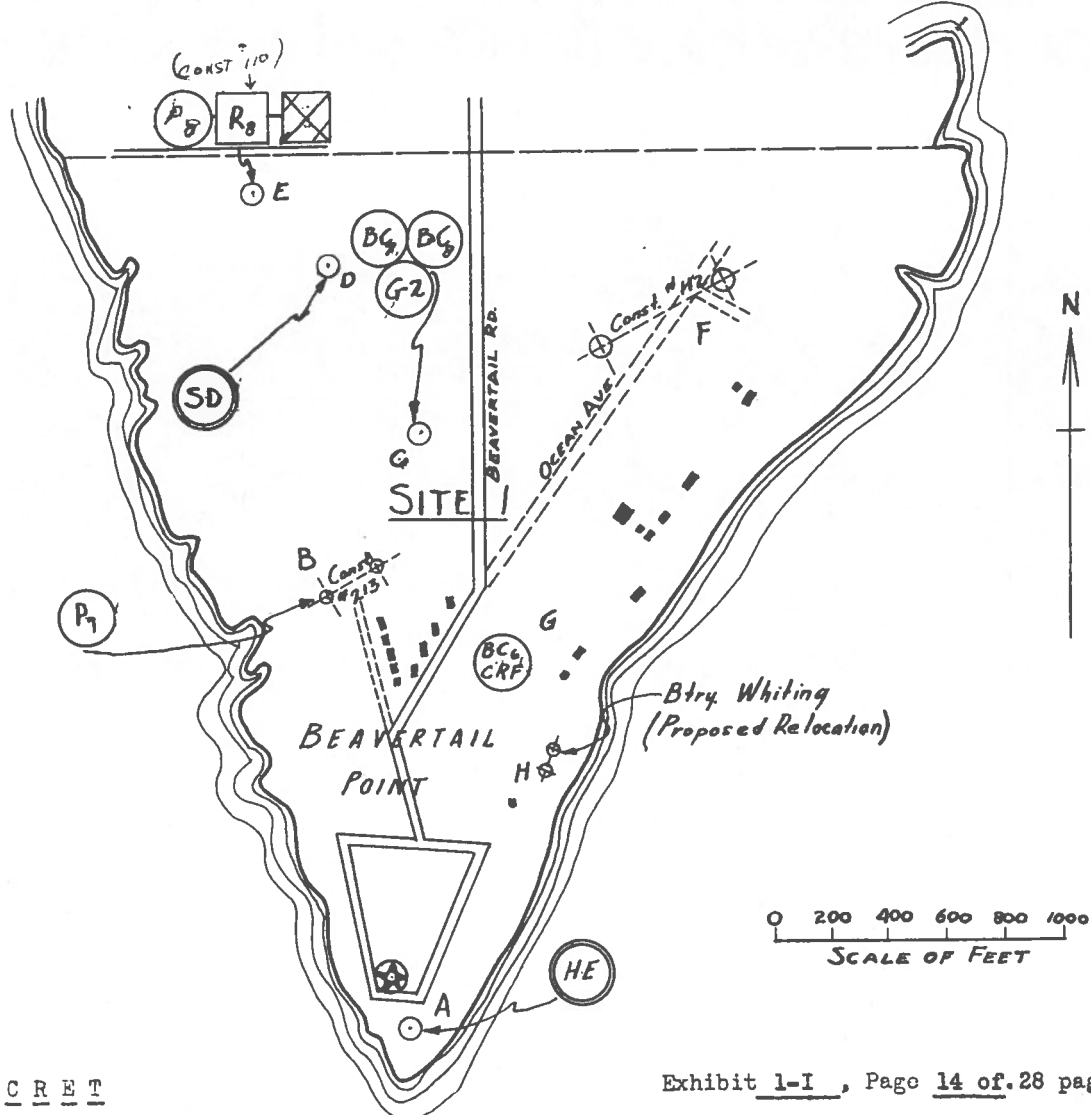
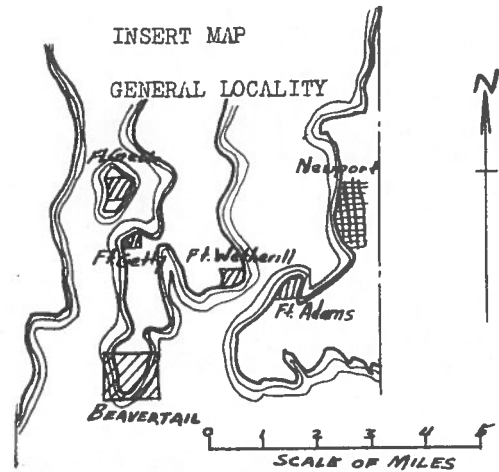
MAP OF ARTILLERY INSTALLATIONS

Location No. 41

Place : (Local Name) Beavertail

TOWN Jamestown COUNTY Newport STATE R.I.

Site No.	Installation
1	A
1	B
1	C
1	D
1	E
1	F
1	G
1	H



S E C R E T

S E C R E T

Form #36

H. D. of Narragansett Bay

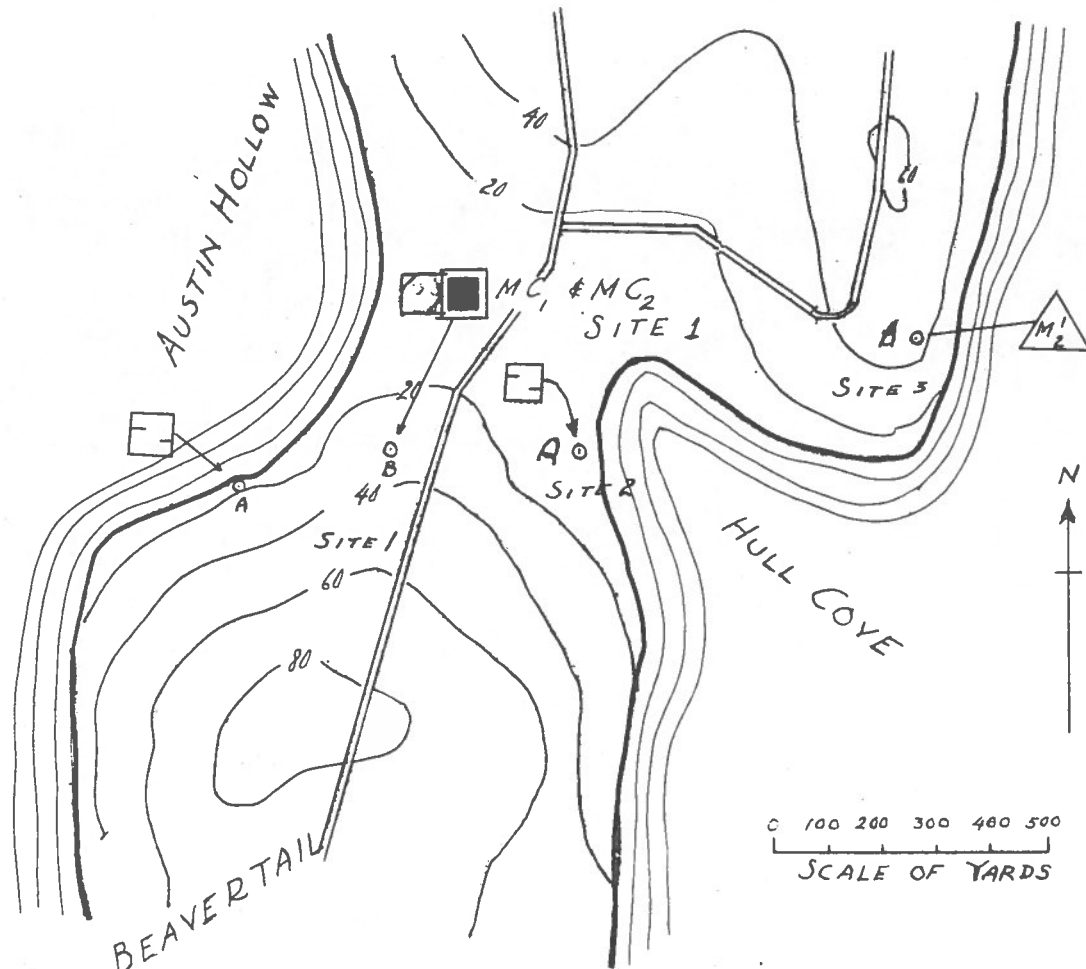
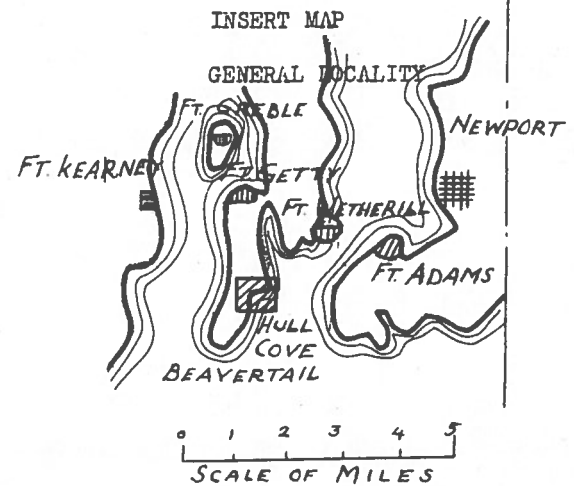
MAP OF ARTILLERY INSTALLATIONS

Location No. 42

Place : (Local Name) Hull Cove

TOWN Jamestown COUNTY Newport STATE R.I.

Site No.	Installation
1	A
1	B
2	A
3	A



S E C R E T

S E C R E T

Form #36

H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 43

Place : (Local Name) Fort Wetherill

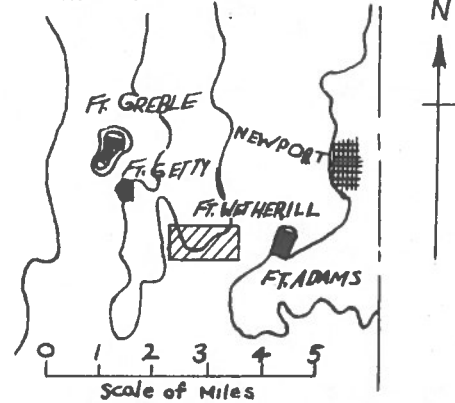
TOWN Jamestown COUNTY Newport STATE R.I.

Site No. Installation

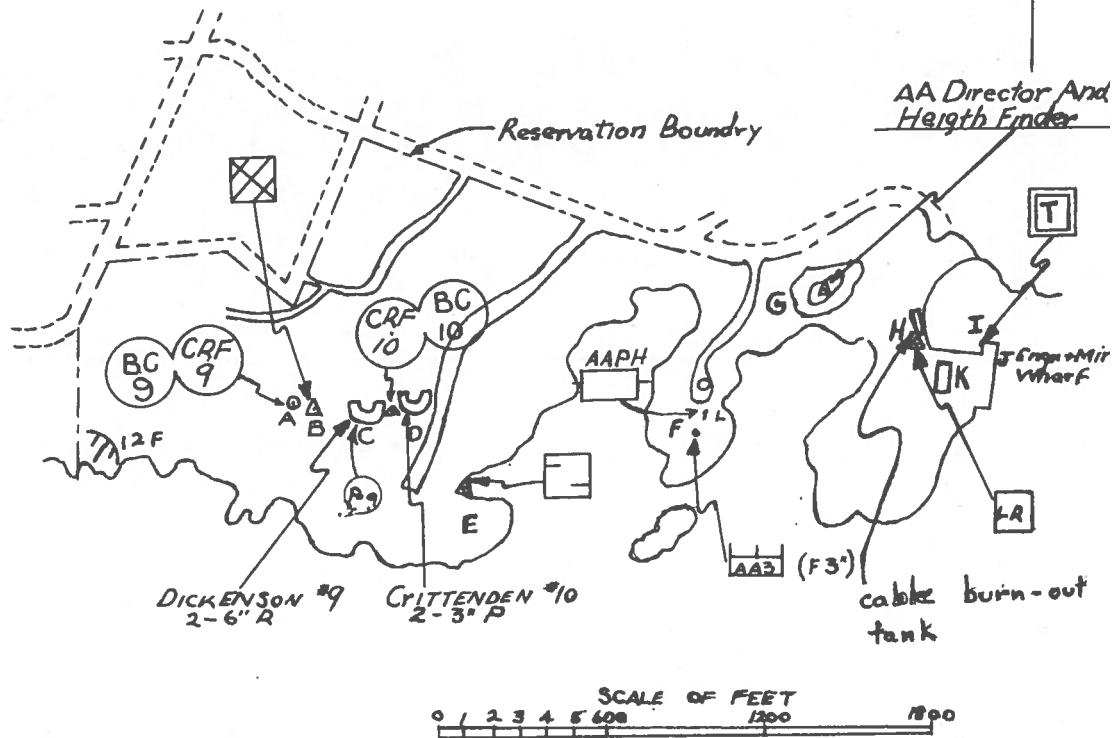
1	A
1	B
1	C
1	D
1	E
1	F
1	G
1	H
1	I
1	J
1	K
1	L

INSERT MAP

GENERAL LOCALITY



NARRAGANSETT BAY R.I.
FORT WETHERILL



S E C R E T

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S E C R E T

Form #36

H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No 44

Place : (Local Name) Fort Adams

TOWN Newport

COUNTY Newport

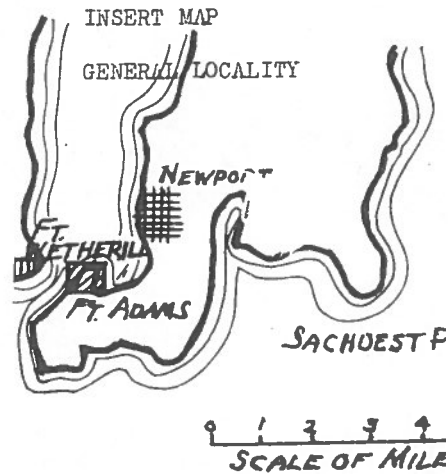
STATE R.I.

Site No.

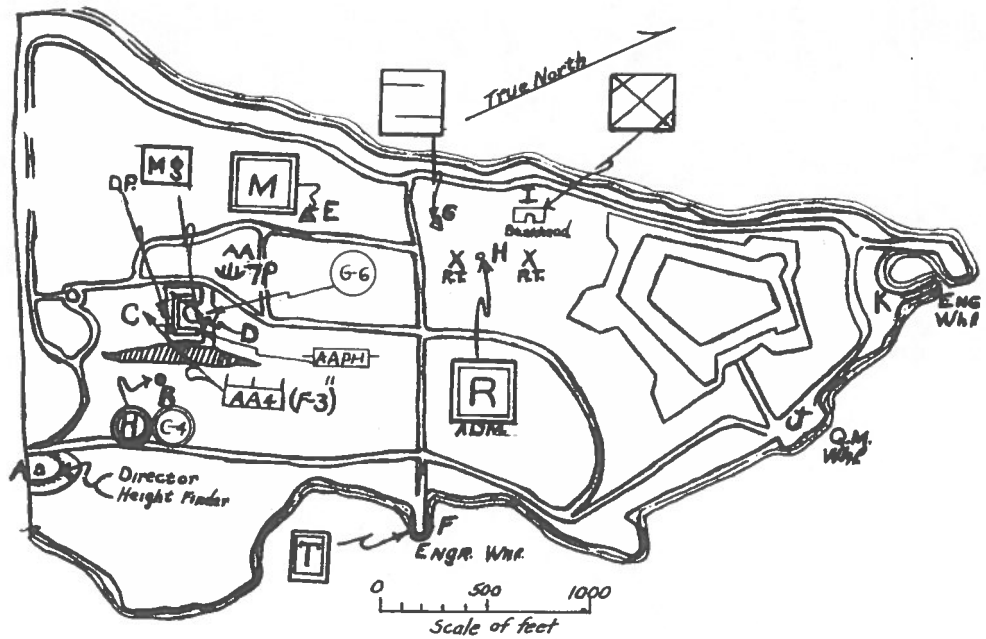
Installation

1

A
B
C
D
E
F
G
H
I
J
K



NARRAGANSETT BAY RI.
FORT ADAMS



S E C R E T

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Form #36

H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 45

Place : (Local Name) Castle Hill

TOWN Newport COUNTY Newport STATE R. I.

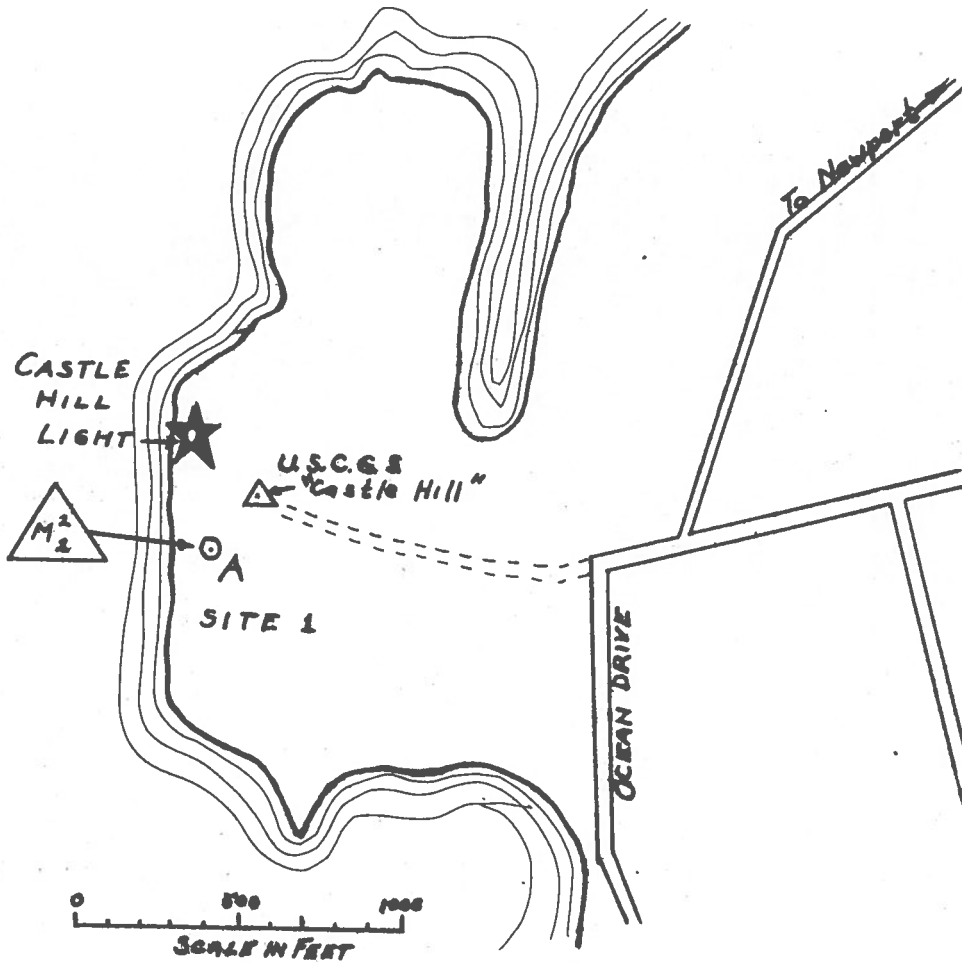
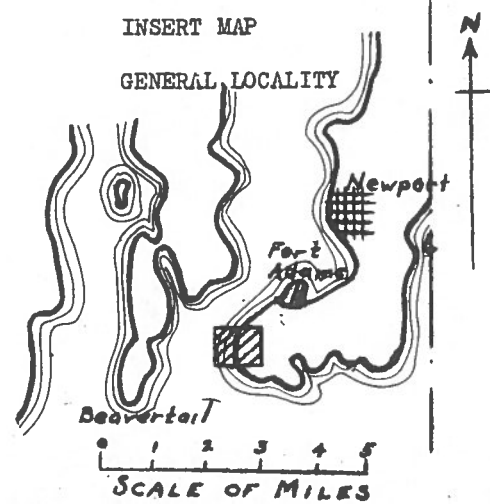
Site No. Installation

1

A

INSERT MAP

GENERAL LOCALITY



SECRET

S E C R E T

Form #36

H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 46

Place : (Local Name) Sachuest Point

TOWN Newport COUNTY Newport STATE R.I.

Site No.	Installation
----------	--------------

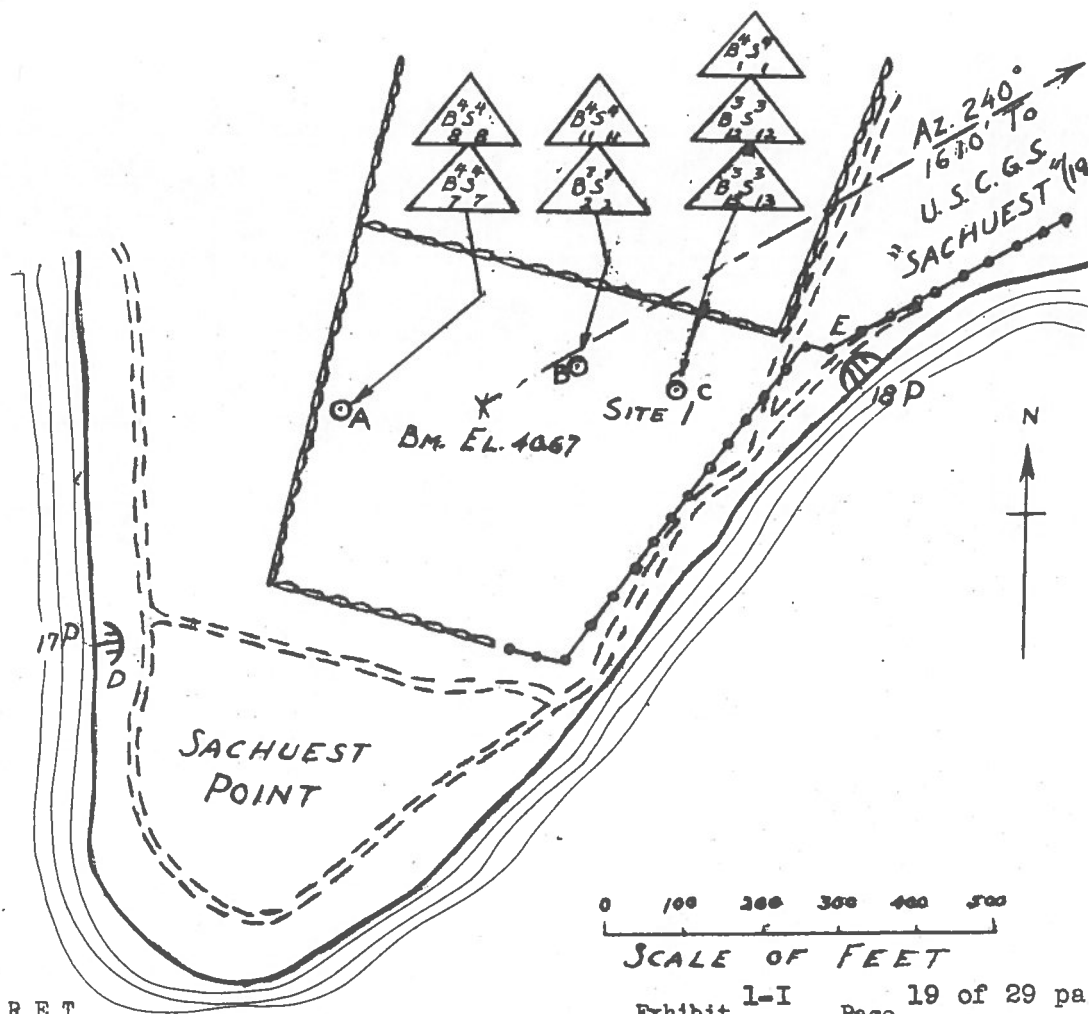
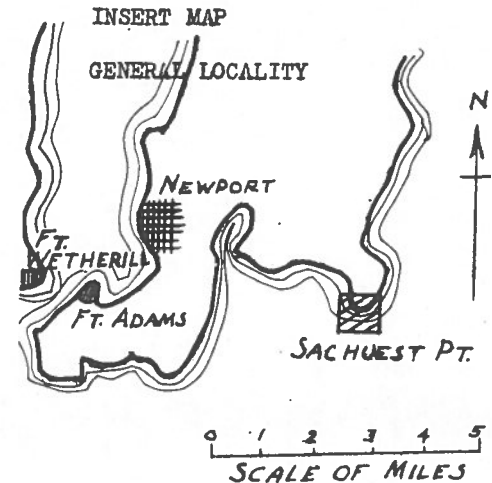
1 A

1 B

1 c

1 D

1 E



S E C R E T

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S E C R E T

Form #36

H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 47

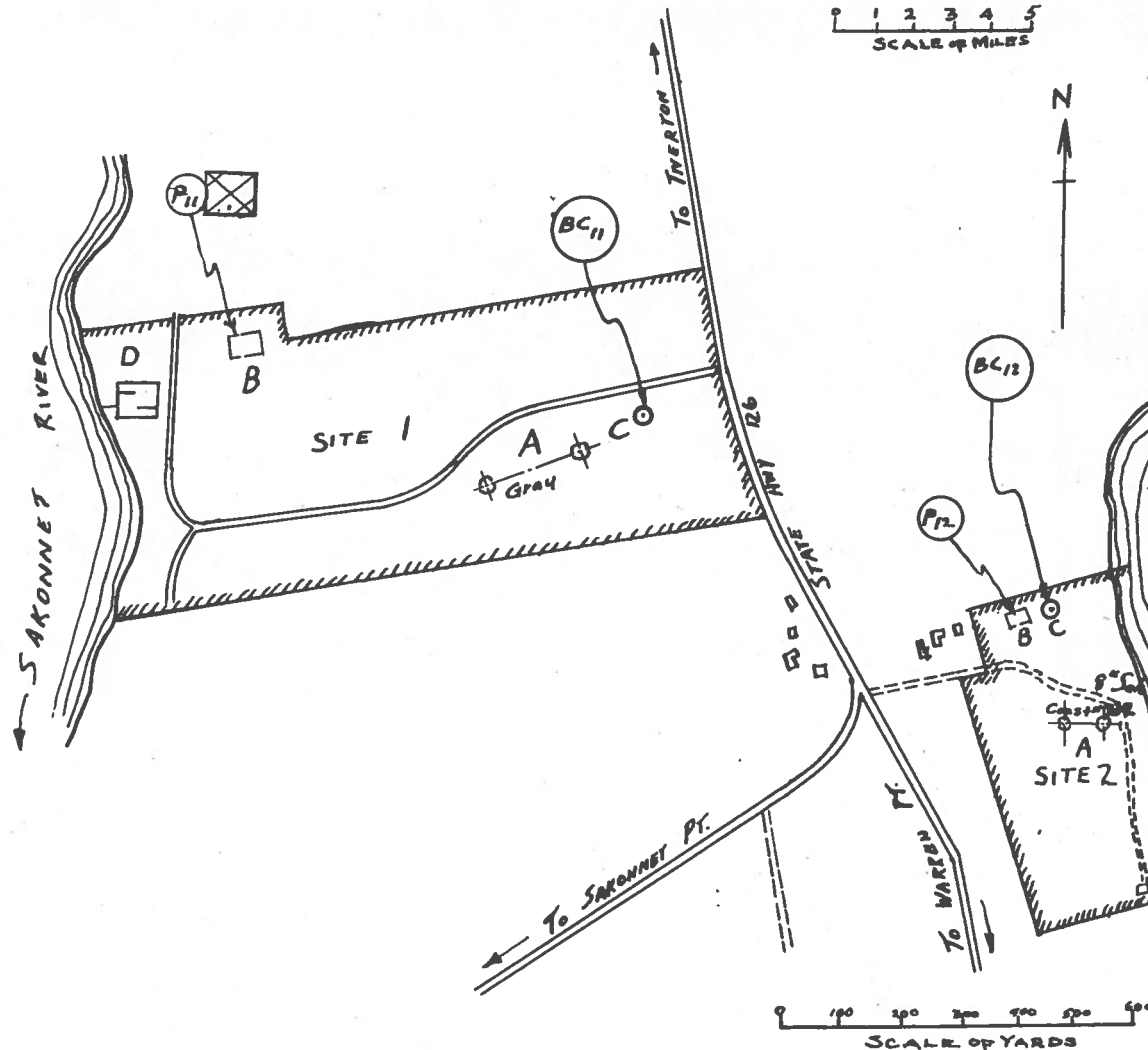
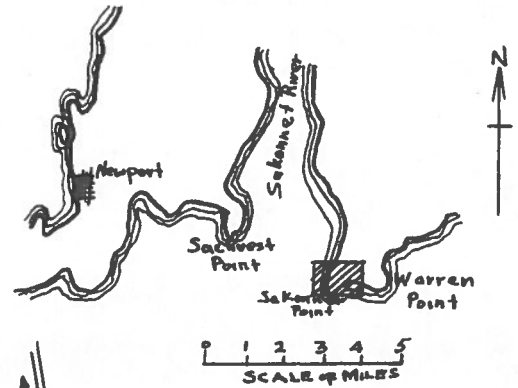
Place : (Local Name) Fort Church

TOWN Little Compton COUNTY Newport STATE R I

Site No.	Installation
1	A
1	B
1	C
1	D
2	A
2	B
2	C

INSERT MAP

GENERAL LOCALITY



S E C R E T

S E C R E T

Form #36

H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

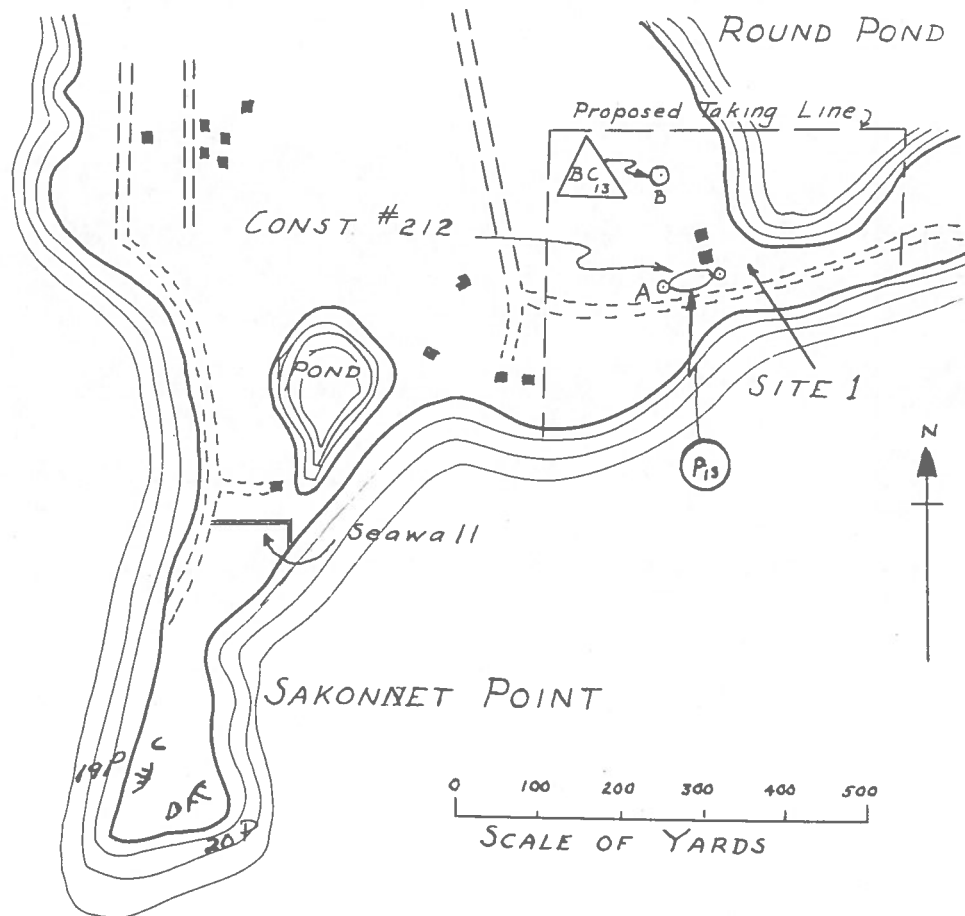
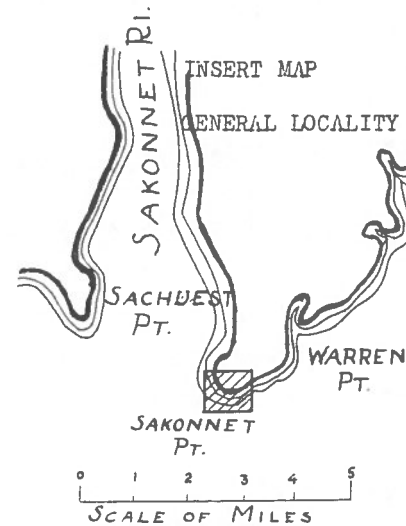
Location No. 48

Place : (Local Name) Sakonnet Point

TOWN Little Compton COUNTY Newport

STATE R.I.

Site No.	Installation
1	A
1	B
1	C
1	D



S E C R E T

SECRET

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H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 49

Place : (Local Name) Warren Point

TOWN Little Compton COUNTY Newport

STATE R.I.

Site No. Installation

1

A

INSERT MAP

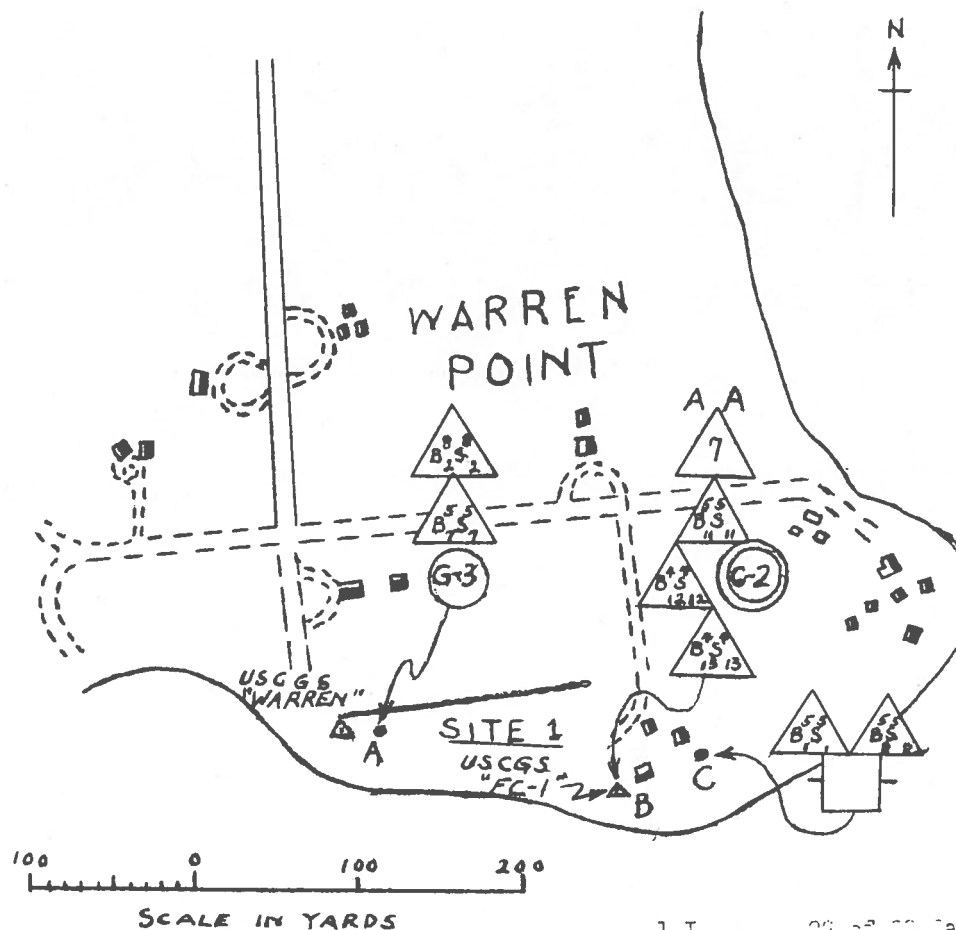
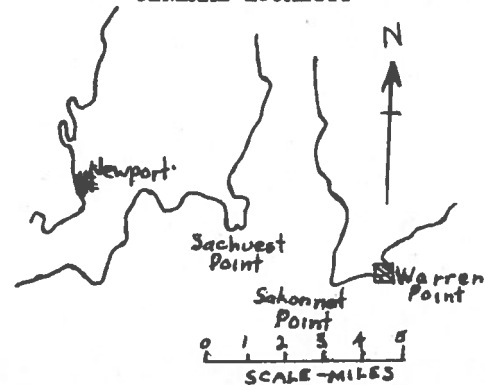
1

B

GENERAL LOCALITY

1

C



SECRET

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H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 50

Place : (Local Name) Gooseberry Neck

TOWN Westport COUNTY Bristol STATE Mass.

Site No. 7 Installation

A

INSERT MAP

B

GENERAL LOCALITY

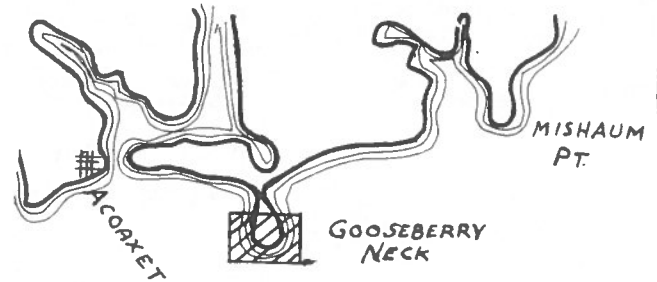
C

D

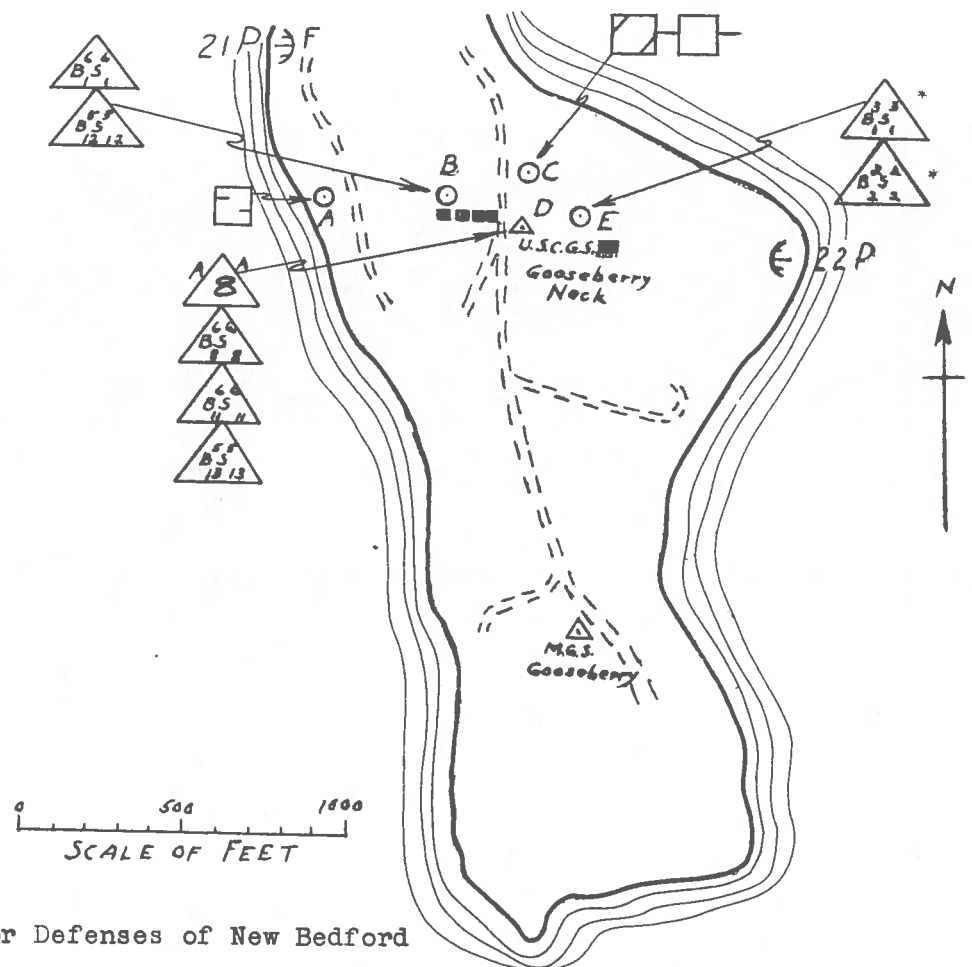
E

F

G



0 1 2 3 4 5
SCALE OF MILES



* Harbor Defenses of New Bedford

S E C R E T

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S E C R E T

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H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 57

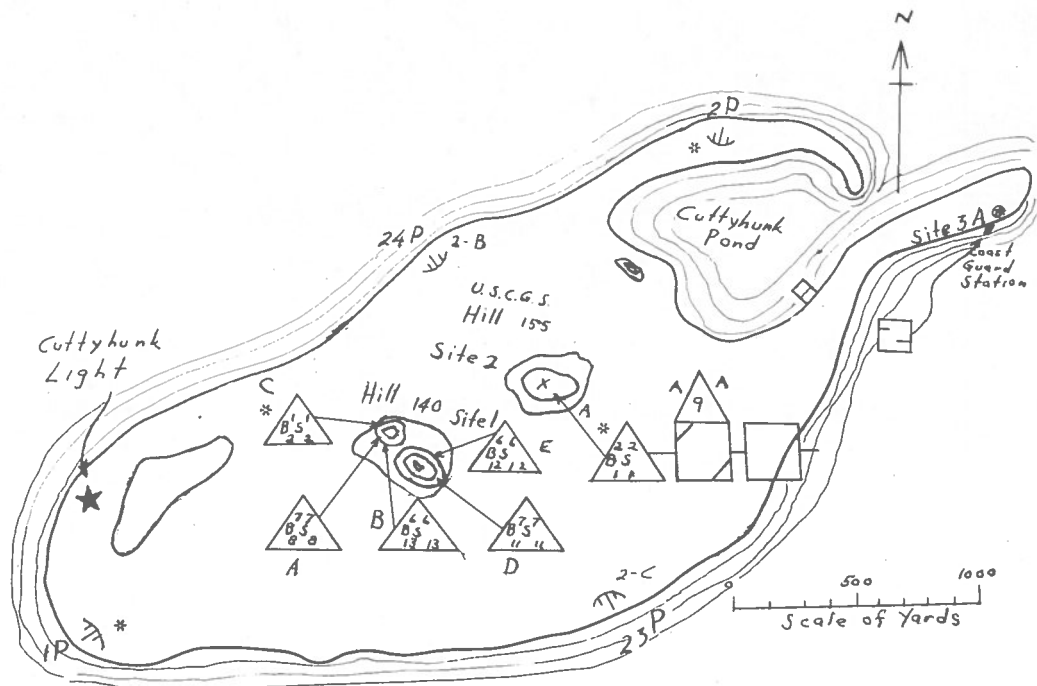
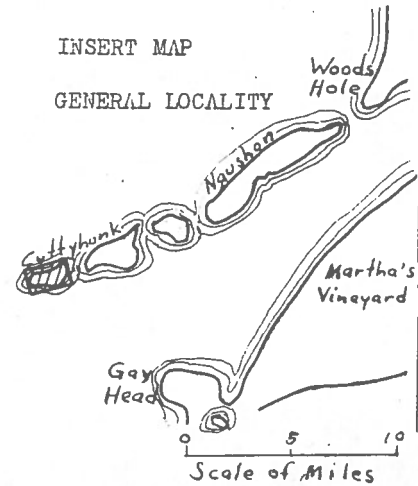
Place : (Local Name) Cuttyhunk Island

TOWN Gosnold COUNTY Duke STATE Mass.

Site No.	Installation
1	A
1	B
1	C
1	D
1	E
2	A
2	B
2	C
3	A

INSERT MAP

GENERAL LOCALITY



* Harbor Defenses of New Bedford

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H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 59

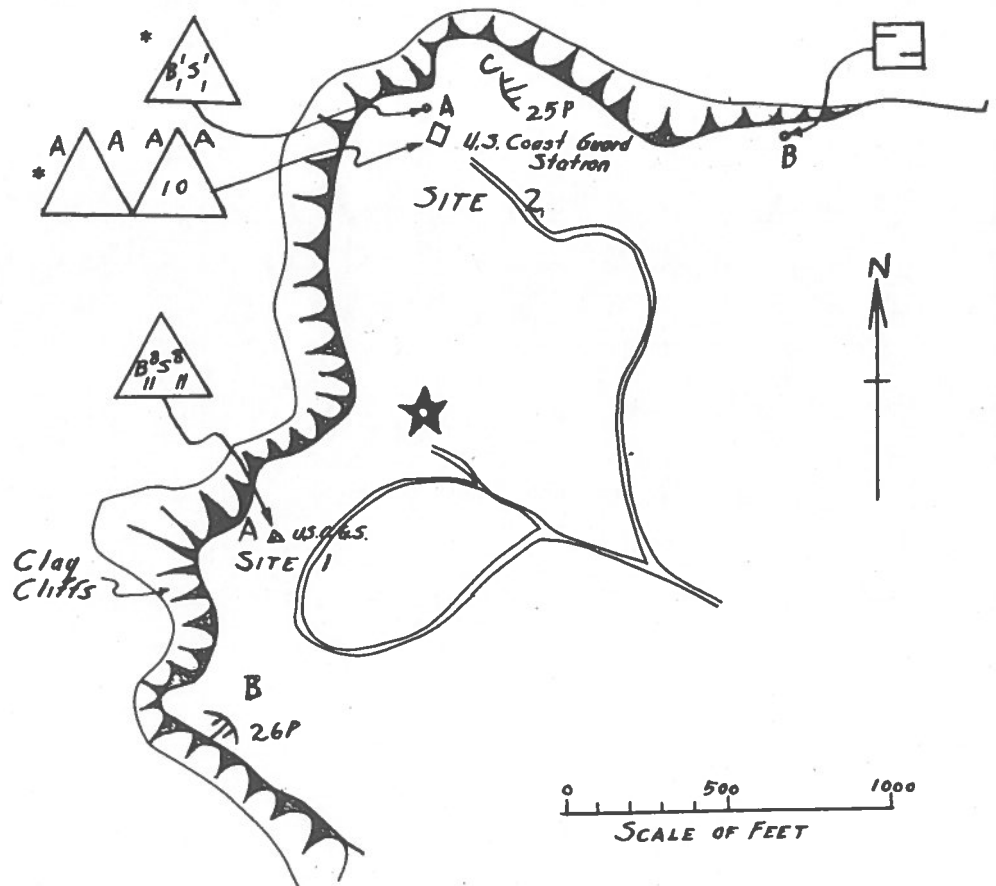
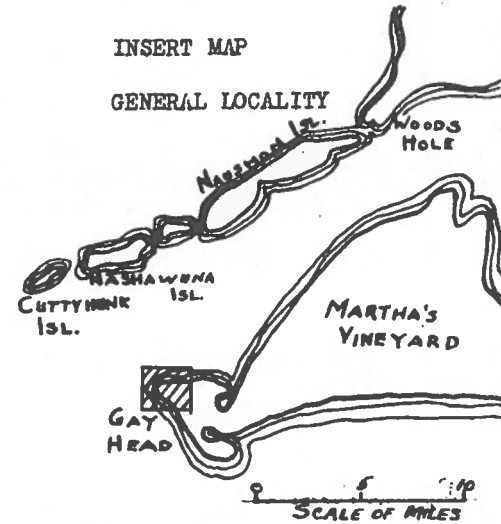
Place : (Local Name) Gay Head

TOWN Gay Head

COUNTY Dukes

STATE Mass.

Site No.	Installation
1	A
1	B
2	A
2	B
2	C



*Harbor Defenses of New Bedford

S E C R E T

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H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 60 (Site 1)

Place : (Local Name) Block Island (Beacon Hill)

TOWN New Shoreham COUNTY Newport STATE R.I.

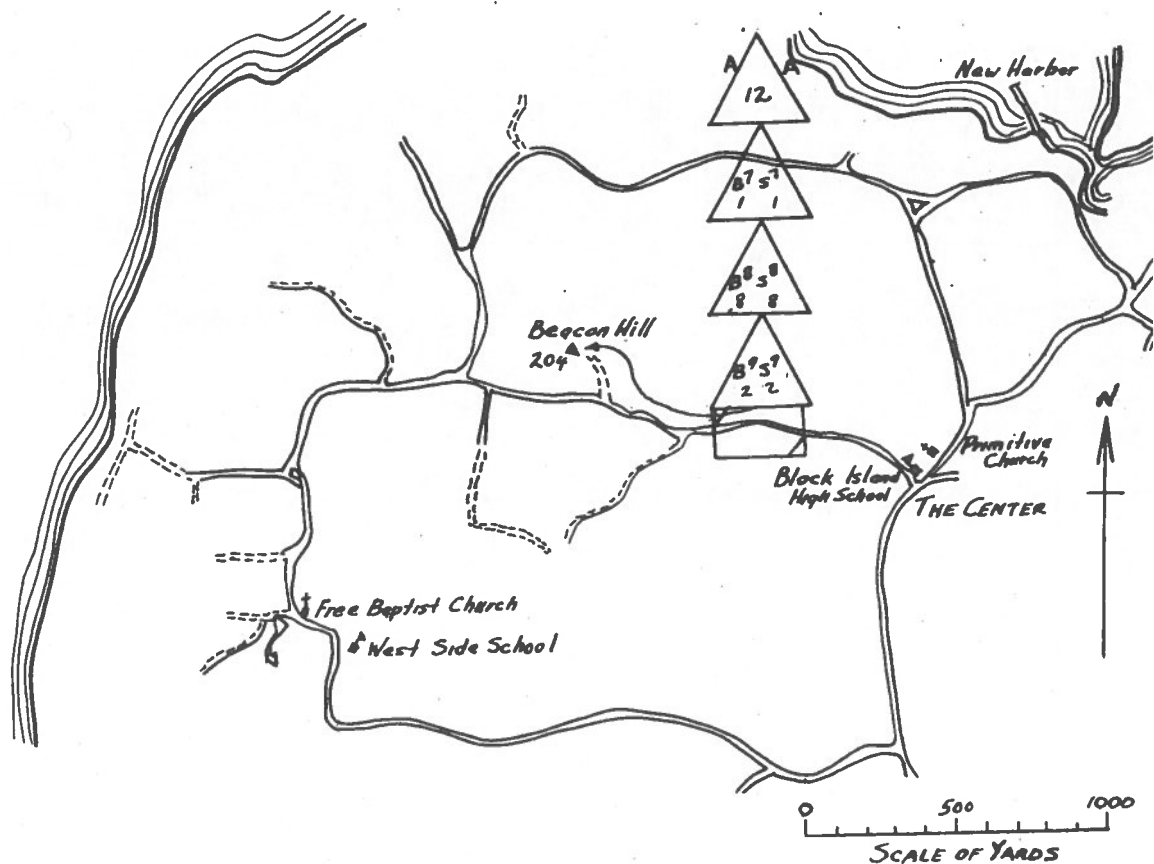
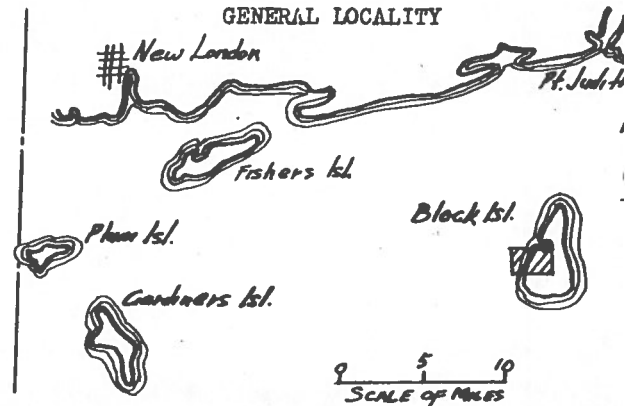
Site No. Installation

1

A

INSERT MAP

GENERAL LOCALITY



SECRET

SECRET

Form #36

H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 60 (Site 2)

Place : (Local Name) Hlock Island (Southwest)

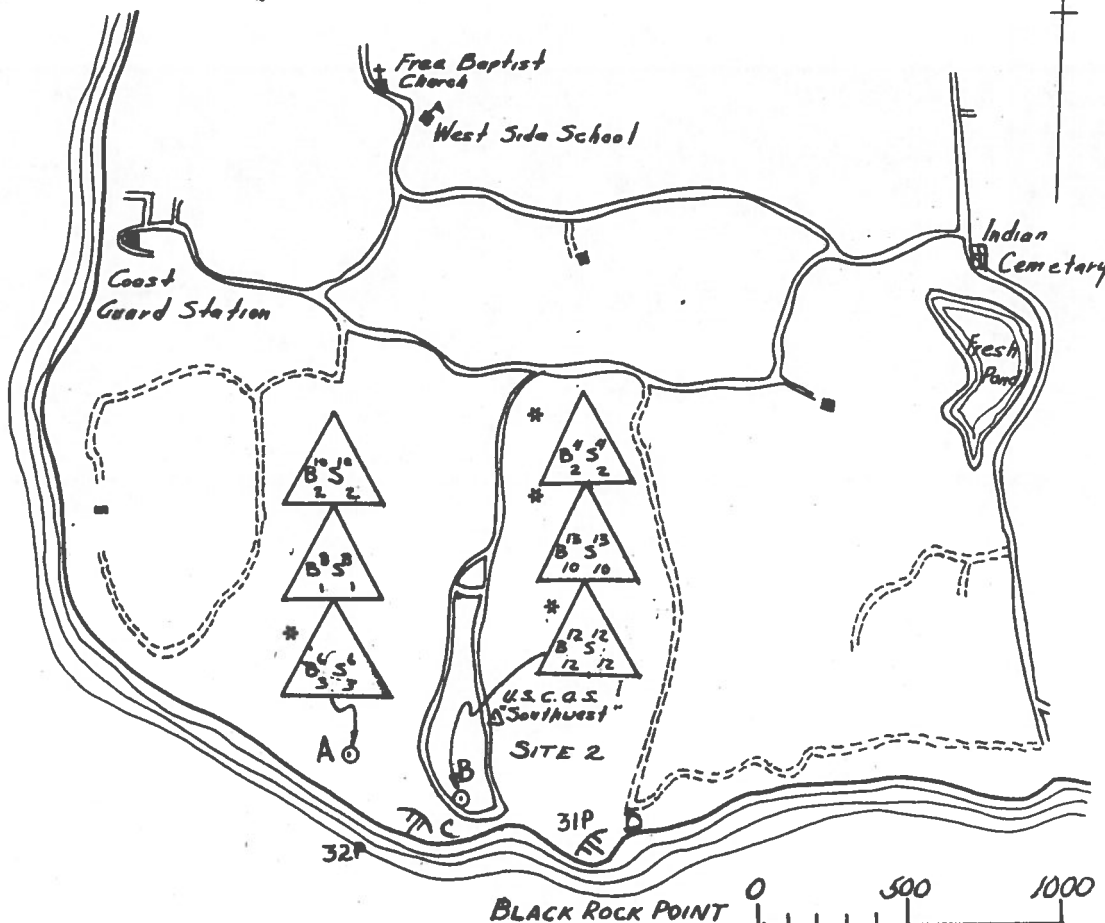
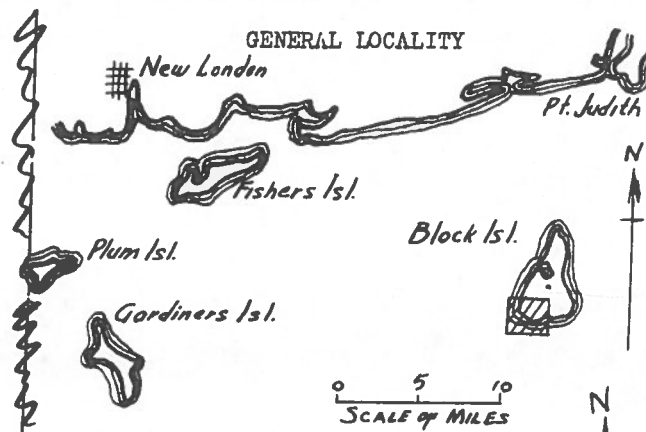
TOWN New Shoreham COUNTY Newport STATE R.I.

Site No. Installation

2 A
2 B
2 C
2 D

INSERT MAP

GENERAL LOCALITY



* Harbor Defenses of Long Island Sound

SECRET

SECRET

Form #36

H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

Location No. 60 (Site 3)

Place : (Local Name) Block Island (Payne)

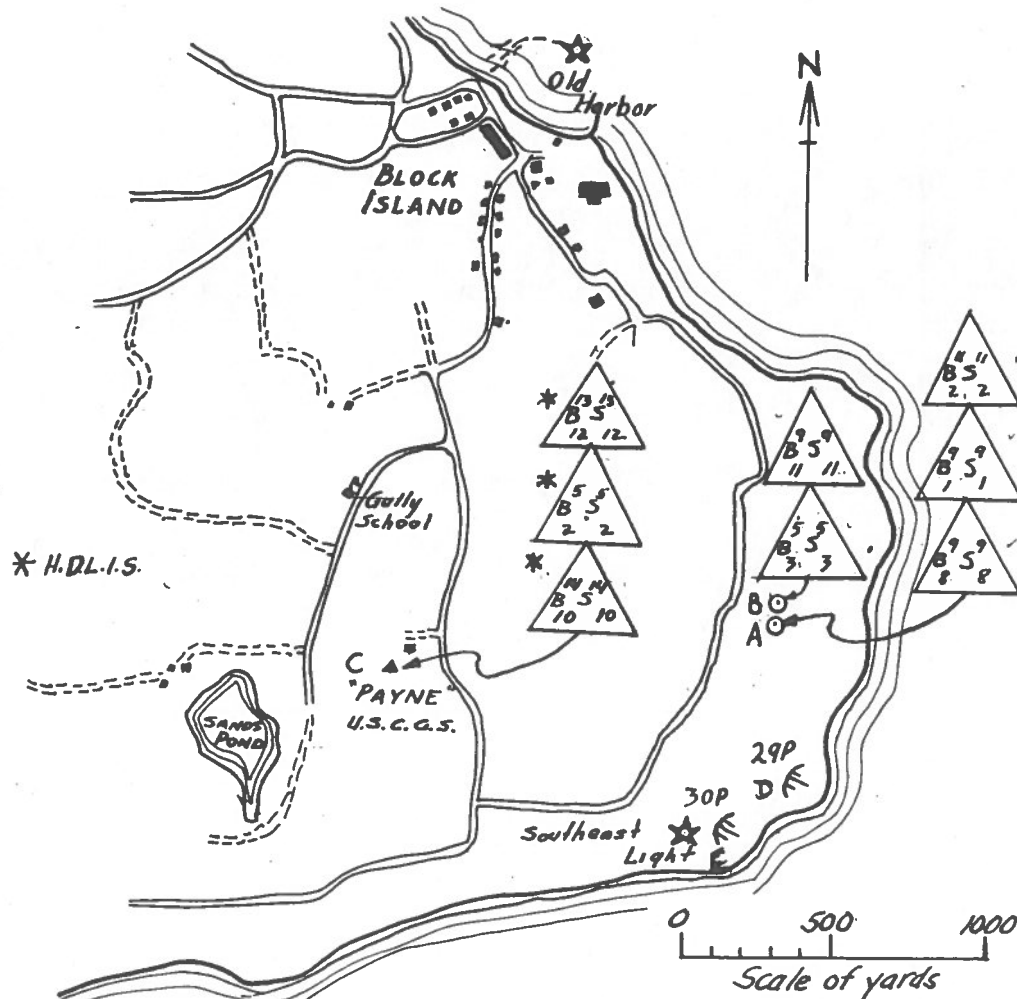
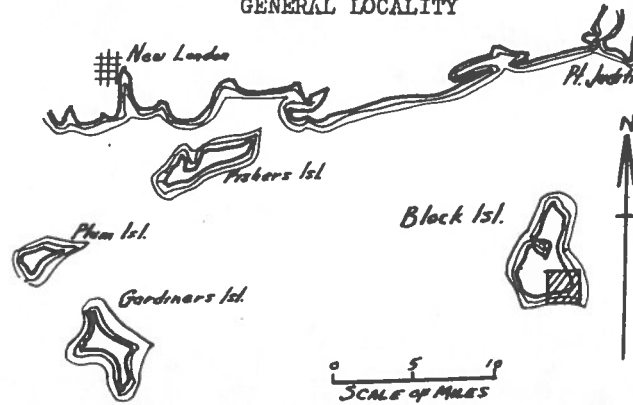
TOWN New Shoreham COUNTY Newport

STATE R.I.

Site No.	Installation
3	A
3	B
3	C
3	D
3	E

INSERT MAP

GENERAL LOCALITY



SECRET

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H. D. of Narragansett Bay

MAP OF ARTILLERY INSTALLATIONS

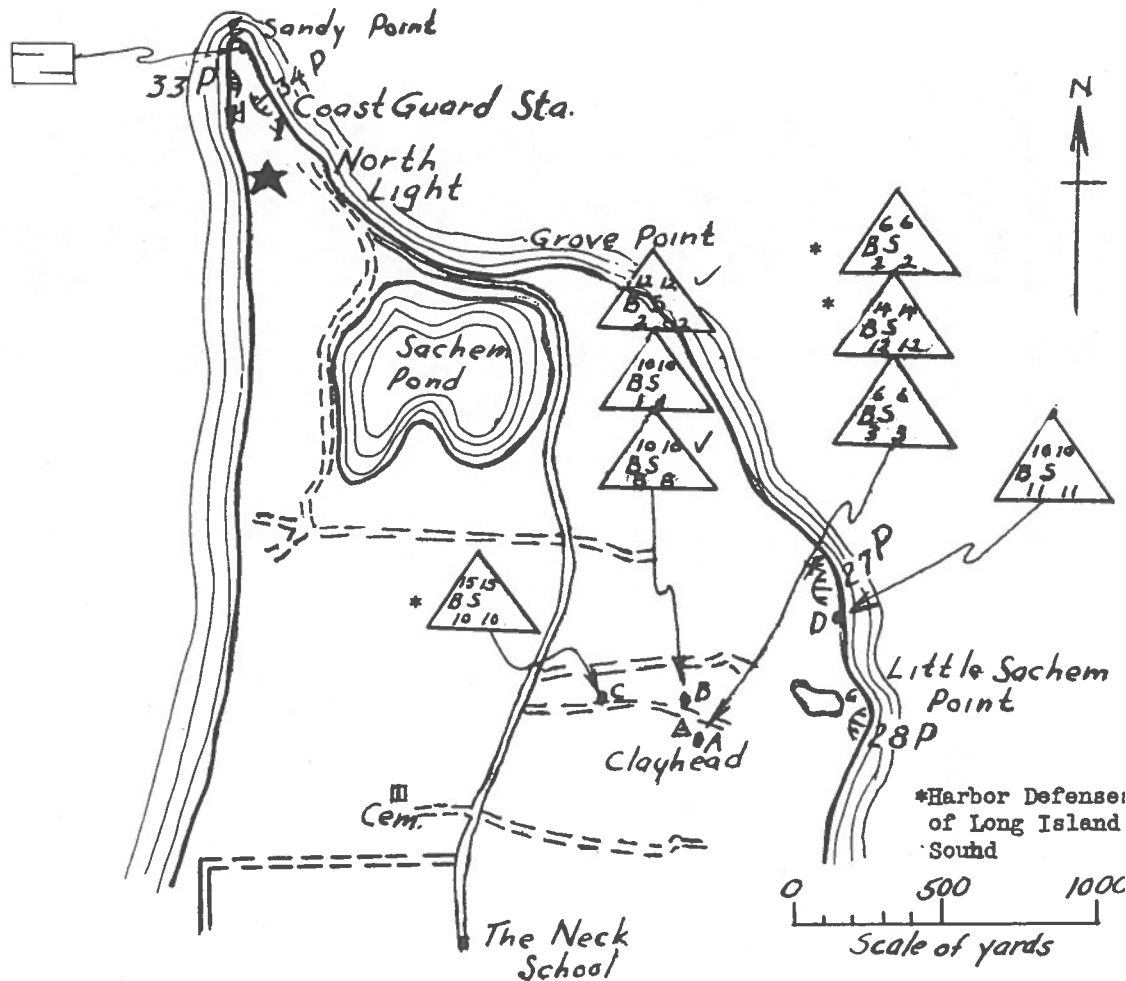
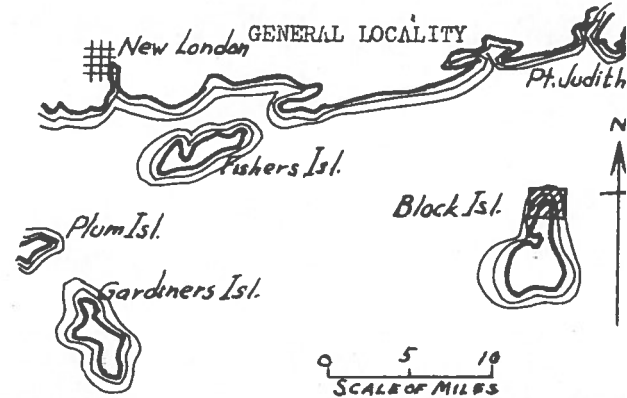
Location No. 60 (Site 4)

Place : (Local Name) Block Island (Clay Head)

TOWN New Shoreham COUNTY Newport STATE R.I.

Site No.	Installation
4	A
4	B
4	C
4	D
4	E
4	F
4	G
4	H
4	I

INSERT MAP



S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 27

PLACE (Local Name) Watch Hill Point

Town Westerly County Washington State R.I.

1. What installations are to be located here? _____

Site 2A: $B_3^5 S_3^5$ Const. #216 Site 2C: $B_2^1 S_2^1$ Const. #108
 $B_{11}^4 S_{11}^4$ Const. # 214 $B_8^5 S_8^5$ Constr. #215

Site 2B: $B_{10}^9 S_{10}^9$ Const. #111
 $B_{12}^{10} S_{12}^{10}$ Const. # 114

2. Number and type of structures to be constructed _____

1 Cottage

2 Towers

3. Type of site: Open No Wooded _____ Hilly _____ Level Yes
Lodge _____ Smooth _____ Obstructions to sight USCG Buildings

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road U. S. Gov.

5. Proposed fire control cable hut _____

6. Nearest commercial electric power At Site.

7. Dialectype generator required Yes

8. Housing facilities necessary In Stations

9. Sewer facilities Septic Tank needed

10. Type of water supply: City Yes Distance No

Well (estimated depth) _____

11. Elevation of each construction site above mean low water 20'

REMARKS: (Refer to numbered items). Include needs of A.M.S. AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 27

PLACE (Local Name) Watch Hill Point

Town Westerly County Washington State R.I.

1. What installations are to be located here? _____

Site 2A: B₂⁵ S₃⁵ Const. #216 Site 2C: B₂¹ S₂¹ Const. #108
B₁₁¹ S₁₁¹ Const. # 214 B₈⁵ S₈⁵ Const. #215

Site 2B: B₁₀⁹ S₁₀⁹ Const. #111
B₁₂¹⁰ S₁₂¹⁰ Const. # 114

2. Number and type of structures to be constructed _____

1 Cottage

2 Towers

3. Type of site: Open No Wooded _____ Hilly _____ Level Yes

Lodge _____ Smooth _____ Obstructions to sight USCG Buildings

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road U. S. Gov.

5. Proposed fire control cable hut _____

6. Nearest commercial electric power At Site.

7. Dialectype generator required Yes

8. Housing facilities necessary In Stations

9. Sewer facilities Septic Tank needed

10. Type of water supply: City Yes Distance No

Well (estimated depth) _____

11. Elevation of each construction site above mean low water 20'

REMARKS: (Refer to numbered items). Include needs of AWIS AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 29
PLACE (Local Name) Noyes Point
Town Westerly County Washington State R.I.

1. What installations are to be located here? _____

Site 1A: B¹¹₁₂ S¹¹₁₂ Const#1114 Site 1B: B¹⁰₁₀ S¹⁰₁₀ Const#111
B⁵₁₁ S⁵₁₁ Const#2114 B²₂ S²₂ Const#108
AAIS-OP

2. Number and type of structures to be constructed _____
2 Towers

3. Type of site: Open Yes Wooded _____ Hilly _____ Level Yes
Lodge _____ Smooth _____ Obstructions to sight 1-house

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Contiguous
5. Proposed fire control cable hut _____
6. Nearest commercial electric power At site
7. Delcotype generator required Yes
8. Housing facilities necessary No
9. Sewer facilities Septic Tank needed
10. Type of water supply: City Yes Distance 560'
Well (estimated depth) _____
11. Elevation of each construction site above mean low water _____
65 feet

REMARKS: (Refer to numbered items). Include needs of AAIS AND AWS
(7) \$360 approved for purchase of Delco type light system,
Augmented Exp. Program HD of Narragansett Bay, Feb, 20, 1941. Item 58.

S E C R E T

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S E C R E T

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H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 31

PLACE (Local Name) Charlestown

Town Charlestown County Washington State R.I.

1. What installations are to be located here? _____

Site 1A: $B_{10}^{11} S_{10}^{11}$ Const #111

$B_2^3 S_2^3$ Const #108

$B_3^1 S_3^1$ Const # 211

AAIS-OP

2. Number and type of structures to be constructed _____

1 Cottage

3a. Type of site: Open _____ Wooded Yes Hilly Yes Level _____

Lodge _____ Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road 300' Distant

5. Proposed fire control cable hut _____

6. Nearest commercial electric power 300'

7. Decotape generator required Yes

8. Housing facilities necessary Within Station

9. Sewer facilities Latrine (outdoor)

10. Type of water supply: City None Distance _____

Well (estimated depth) _____

11. Elevation of each construction site above mean low water 120'

REMARKS: (Refer to numbered items). Include needs of AAIS AND AWS

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Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 32

PLACE (Local Name) Green Hill

Town So. Kingston County Washington State R.I.

1. What installations are to be located here? _____

Site 1A: $B_1^1 S_1^1$ Const # 109 Site 1C- $B_8^1 S_8^1$ Const # 110

B_2^4 S_2^4 Const # 108

B₇¹ S₇¹ Const # 213

B₁₁S₁₁ Gray

Site 1B: B_3^2 S_3^2 Const # 211

B¹²₁₀S¹²₁₀ Const # 111

AAIS-OP

2. Number and type of structures to be constructed

3 Towers

3. Type of site: Open Yes Wooded Hilly Level

Ledge	Smooth	Obstructions to sight	2-Houses

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Contiguous

5. Proposed fire control cable hut

6. Nearest commercial electric power 320'

7. Delcotype generator required Yes

- 8.
- Housing facilities necessary

9. Sewer facilities Septic Tank

10. Type of water supply: City Yes _____ Distance ? _____

Well (estimated depth) _____

11. Elevation of each construction site above mean low water 72'

REMARKS: (Refer to numbered items). Include needs of AMIS AND AWS

(7) \$360 approved for purchase of Delco type light system.

U360 approved for purchase of Delcotype light system.
Augmented Exp. Program MD of Narragansett Bay, Feb, 20, 1941. Item 53.

S E C R E T

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S E C R E T

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H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 33

PLACE (Local Name) Point Judith

Town Narragansett County Washington State R.I.

1. What installations are to be located here? _____

1C- BC-3 Battery 211	1B- B ⁵ S ⁵ Battery 108	1D- B ² S ² Battery 213
3 3	2 2	7 7
1B- B S " 211	1C- B S " 109	1B- C-1
3 3	2 2	1B- G-1
1 1	1 1	
1D- B S " 212	1D- B S " 110	
13 13	2 2	
1C- B S ² " Cray	6 8	
11 11		

2. Number and type of structures to be constructed _____

3 Cottages

3. Type of site: Open Yes Wooded _____ Hilly _____ Level _____
Lodge _____ Smooth _____ Obstructions to sight 1 House and 1 LH

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Contiguous
5. Proposed fire control cable hut _____
6. Nearest commercial electric power Contiguous
7. Delcotype generator required No
8. Housing facilities necessary No
9. Sewer facilities None needed
10. Type of water supply: City Yes Distance Contiguous
Well (estimated depth) _____
11. Elevation of each construction site above mean low water 30'

REMARKS: (Refer to numbered items). Include needs of AMIS AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 34

PLACE (Local Name) Fort Greene

Town Narragansett County Washington State R. I.

1. What installations are to be located here? _____

Site 1B- Battery Const. No. 109 .

1A-P-1

1C-BC-1

1C-BC-2

2B-P-2

2B-FSB

Site 2A- Battery Const. No. 108

2C-AAIS OP #2

2C-B₁₂¹¹S₁₂¹¹ , B₁₈¹¹₄ , B₁₈¹¹₅

2. Number and type of structures to be constructed _____

1 Frame House (existing)

Site #1 C

1 Cottage

Site #2 C

3. Type of site: Open Wooded Hilly Level

Lodge Smooth Obstructions to sight

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Adjacent

5. Proposed fire control cable hut No

6. Nearest commercial electric power Adjacent

7. Delcotype generator required No

8. Housing facilities necessary Yes

9. Sewer facilities At Battery

10. Type of water supply: City At Battery Distance

Well (estimated depth)

11. Elevation of each construction site above mean low water

1-A 30 Ft. 1B-40Ft. 1C- 45Ft. 2A-30 Ft. 2B-40 Ft. 2C-20 Ft.

REMARKS: (Refer to numbered items). Include needs of AAIS AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 35

PLACE (Local Name) Boston Neck

Town Narragansett County Washington State R.I.

1. What installations are to be located here? _____

1F- CRF - Battery House	1A- B ₈ ³ S ₈ ³ - Battery 110	B ₉ ² S ₉ ² - Battery Dickenson(1D)
1G- CRF - " Armistead	1B- B ₃ ⁴ S ₃ ⁴ - " 211	B ₄ ² S ₄ ² - " House(1D)
1F- BC - " House		
1G- BC - " Armistead	1C- B ₁₃ ² S ₁₃ ² - " 212	
1B- B ₂ ⁶ S ₂ ⁶ - " 108		
1C- B ₁₂ ² S ₁₂ ² - " 8" Sakonnet	B ₇ ³ S ₇ ³ - " 213	(Site 1A)
1C- B ₁₁ ³ S ₁₁ ³ - " Gray	B ₁ ³ S ₁ ³ - " 109	(Site 1A)

2. Number and type of structures to be constructed _____

3 Cottage.

1 Tower

3. Type of site: Open _____ Wooded Yes Hilly _____ Level _____

Lodge _____ Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Private road Contiguous, State H.W. 2800'

5. Proposed fire control cable hut Cable Terminal

6. Nearest commercial electric power 1800'

7. Delcotype generator required Yes

8. Housing facilities necessary Yes

9. Sewer facilities Septic Tank Needed

10. Type of water supply: City Yes Distance 1800'

Well (estimated depth) _____

11. Elevation of each construction site above mean low water 20'

REMARKS: (Refer to numbered items). Include needs of M.I.S AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 36

PLACE (Local Name) The Bonnet

Town Narragansett County Washington State R.I.

1. What installations are to be located here? _____

M₁ (Site 1A)

2. Number and type of structures to be constructed _____

1 Manhole Type Station

3. Type of site: Open Yes Wooded _____ Hilly _____ Level _____
Lodge Yes Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Contiguous

5. Proposed fire control cable hut _____

6. Nearest commercial electric power Contiguous

7. Delcotype generator required Yes

8. Housing facilities necessary None

9. Sewer facilities Septic Tank

10. Type of water supply: City Yes Distance Contiguous

Well (estimated depth) _____

11. Elevation of each construction site above mean low water 47'

REMARKS: (Refer to numbered items). Include needs of AMIS AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 37

PLACE (Local Name) Fort Kearney

Town Saunderstown County Washington State R.I.

1. What installations are to be located here? _____

Searchlight Shelter (Site 1B)

Magazine (Site 1A)

2. Number and type of structures to be constructed _____

1 - Searchlight Shelter

1 - Magazine

3. Type of site: Open _____ Wooded _____ Hilly _____ Level _____

Lodge _____ Smooth _____ Obstructions to sight _____

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road _____

5. Proposed fire control cable hut _____

6. Nearest commercial electric power _____

7. Delcotype generator required _____

8. Housing facilities necessary _____

9. Sewer facilities _____

10. Type of water supply: City _____ Distance _____

Well (estimated depth) _____

11. Elevation of each construction site above mean low water _____

REMARKS: (Refer to numbered items). Include needs of AMIS AND AWS

(Government Reservation)

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 38

PLACE (Local Name) Fort Greble

Town _____ County Newport State R.I.

1. What installations are to be located here? _____

5 Bombproof Ammunition Magazines

2. Number and type of structures to be constructed _____

5 Bombproof Ammunition Magazines

3. Type of site: Open Yes Wooded No Hilly Yes Level _____

Lodge _____ Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Yes

5. Proposed fire control cable hut No

6. Nearest commercial electric power _____

7. Delcotype generator required 5 KW unit needed

8. Housing facilities necessary Not necessary

9. Sewer facilities Yes

10. Type of water supply: City Yes Distance _____

Well (estimated depth) _____

11. Elevation of each construction site above mean low water 25'

REMARKS: (Refer to numbered items). Include needs of AMIS AND AWS

(Government Reservation)

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 40

PLACE (Local Name) Prospect Hill

Town Jamestown County Newport State R.I.

1. What installations are to be located here? _____

C-3 (Mine) (Site 1A)

C-4 (Mine) (Site 1C)

C-5 (Mine) (Site 1B)

C-1 (Site 1E)

P-1C 1 (Site 1F)

P-1C 2 (Site 1D)

AAIS OP #4 (Site 1A)

2. Number and type of structures to be constructed _____

Bombproof 6 manhole type stations now existing

3. Type of site: Open Yes Wooded _____ Hilly Yes Level _____

Lodge _____ Smooth _____ Obstructions to sight _____ None _____

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road _____ Yes _____

5. Proposed fire control cable hut _____ Installed _____

6. Nearest commercial electric power _____

7. Delcotype generator required _____ Yes _____

8. Housing facilities necessary _____ In Stations _____

9. Sewer facilities _____ Outdoor toilet _____

10. Type of water supply: City _____ Distance _____

Well (estimated depth) _____

11. Elevation of each construction site above mean low water 131'

REMARKS: (Refer to numbered items). Include needs of AAIS AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 41

PLACE (Local Name) Beavertail

Town Jamestown County Newport State R.I.

1. What installations are to be located here? _____

Batteries Const. #110 & 213 & Whiting (Site 1B, 1F and 1H)

1D- SDCP 1E- P₈, S₈, R₈, PSB₈ 1C- G-2
1A- HECF

1C- BC₇ , BC₈

1G- BC₆ , CRF₆

1B- P₇ , S₇

2. Number and type of structures to be constructed _____

Batteries Const. 110, 213 and Resiting of Battery Whiting
Fire Control Station for above batteries

3. Type of site: Open Yes Wooded _____ Hilly _____ Level _____

Lodge _____ Smooth Yes Obstructions to sight Beavertail L.H.

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Yes

5. Proposed fire control cable hut Cable Terminal at Swb Rm

6. Nearest commercial electric power at site

7. Delcotype generator required No

8. Housing facilities necessary Yes

9. Sewer facilities Septic Tank Needed

10. Type of water supply: City No Distance _____

Well (estimated depth) Yes

11. Elevation of each construction site above mean low water _____

1A-20' 1B-60' 1C-50' 1D-60' 1E-60' 1F-50' 1G-35' 1H-30'

REMARKS: (Refer to numbered items). Include needs of AMIS AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 42 (Site 1)

PLACE (Local Name) Hull Cove

Town Jamestown County Newport State R.I.

1. What installations are to be located here? _____

Mine Cable Hut (Site 1A)

Mine Casemate MC-1 & MC-2 (Site 1B)

2. Number and type of structures to be constructed _____

1 Cable Hut

1 Mine Casemate

3. Type of site: Open Yes Wooded _____ Hilly Yes Level _____

Lodge _____ Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road _____ Public Highway 1500'

5. Proposed fire control cable hut Yes

6. Nearest commercial electric power 1500'

7. Delcotype generator required No

8. Housing facilities necessary Yes

9. Sewer facilities Septic Tank

10. Type of water supply: City No Distance _____

Well (estimated depth) _____

11. Elevation of each construction site above mean low water 20'

REMARKS: (Refer to numbered items). Include needs of AMIS AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 42 (Site 2)

PLACE (Local Name) Hull Cove

Town Jamestown County Newport State R.I.

1. What installations are to be located here? _____

Cable Hut (Site 2A)

2. Number and type of structures to be constructed _____

1 Cable Hut

3. Type of site: Open Yes Wooded _____ Hilly _____ Level _____

Lodge _____ Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Public Road 1500 ft distant

5. Proposed fire control cable hut Yes

6. Nearest commercial electric power 1500'

7. Delcotype generator required No

8. Housing facilities necessary No

9. Sewer facilities None needed

10. Type of water supply: City None Distance _____

Well (estimated depth) _____

11. Elevation of each construction site above mean low water .25'

REMARKS: (Refer to numbered items). Include needs of A.I.S. AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Marshall Island

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 42 (Site 3)

PLACE (Local Name) Mill Cove

Town Jamestown County Newport State R.I.

1. What installations are to be located here? _____

$\frac{1}{2}$ (Site 3A)

2. Number and type of structures to be constructed _____

1 Manhole type observing station

3. Type of site: Open Yes Wooded _____ Hilly _____ Level Yes
Lodge _____ Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road No public H.W. 2400'

5. Proposed fire control cable hut No

6. Nearest commercial electric power 2400

7. Delcotype generator required No

8. Housing facilities necessary None

9. Sewer facilities None

10. Type of water supply: City None Distance --

Well (estimated depth) _____

11. Elevation of each construction site above mean low water 51

REMARKS: (Refer to numbered items). Include needs of ALIS AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 43

PLACE (Local Name) Fort Wetherill

Town Jamestown County Newport State R.I.

1. What installations are to be located here? _____

1A-	CEF	Dickenson	Existing	Mine Wharf (Site 1J)
1D-	CEF	Crittenden	"	AA Junction Box (Site 1F)
1A-	EC	Dickenson	"	Searchlight Shelter
1D-	EC	Crittenden	"	FSB (Site 1B)
				P-9 (Site 1C)
1L-	SC SL	(Fixed)	"	Cable Terminal (Site 1E)
1G-	AA	Height Finder Pit	"	AA 3" Fixed (Site 1F)
1G-	AA	Director	"	Mine Loading Room (Site 1H)
1I-		Tide Station		

2. Number and type of structures to be constructed _____

AA Height Finder Pit
AA Director Pit
CEF Dickenson to be splinter proofed
CEF Crittenden to be splinter proofed
Searchlight Shelter
AA Junction Box

3. Type of site: Open Yes Wooded _____ Hilly Yes Level _____

Lodge Yes Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road (U.S. Military Reservation)

5. Proposed fire control cable hut _____

6. Nearest commercial electric power _____

7. Delcotype generator required _____

8. Housing facilities necessary _____

9. Sewer facilities _____

10. Type of water supply: City _____ Distance _____

Well (estimated depth) _____

11. Elevation of each construction site above mean low water _____

REMARKS: (Refer to numbered items). Include needs of AAIS AND AWS

(Government Reservation)

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 44

PLACE (Local Name) Fort Adams

Town Newport County Newport State R.I.

1. What installations are to be located here? _____

1F- Tide Station

1B- H Station

1A- AA Gun Director Pit

1A- AA Height Finder Pit

1A- AA Gun Cable junction box
Searchlight shelter

1B- C-4

1C- AA 3" Fixed #4

1D- G-6

Engineer Wharf (Site 1K)

AA S/L #7 (Site 1)

Met Station (Site 1)

Engineer Wharf (Site 1G)

Cable Hut (Site 1G)

Adm. Radio (Site 1H)

FSB (Site 1I)

QM Wharf (Site 1J)

2. Number and type of structures to be constructed _____

1 H Station

AA Gun Director Pit

AA Height Finder Pit

AA Gun Cable junction box

Searchlight shelter

3. Type of site: Open Yes Wooded _____ Hilly _____ Level _____

Lodge _____ Smooth _____ Obstructions to sight _____

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road _____ (U.S. Military Reservation)

5. Proposed fire control cable hut _____

6. Nearest commercial electric power _____

7. Delcotype generator required _____

8. Housing facilities necessary _____

9. Sewer facilities _____

10. Type of water supply: City _____ Distance _____

Well (estimated depth) _____

11. Elevation of each construction site above mean low water _____

REMARKS: (Refer to numbered items). Include needs of M.I.S. AND AWS

(Government Reservation)

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 45

PLACE (Local Name) Castle Hill

Town Newport County Newport State R.I.

1. What installations are to be located here? _____

1 1/2 (Site 1A)

2. Number and type of structures to be constructed _____

1 Manhole type OP

3. Type of site: Open Yes Wooded _____ Hilly _____ Level _____
Lodge Yes Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road 1200'

5. Proposed fire control cable hut No

6. Nearest commercial electric power 1200'

7. Delcotype generator required No

8. Housing facilities necessary No

9. Sewer facilities None

10. Type of water supply: City Yes Distance 1200

Well (estimated depth) _____

11. Elevation of each construction site above mean low water 43

REMARKS: (Refer to numbered items). Include needs of AMIS AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 46

PLACE (Local Name) Sachuest Neck

Town Middletown County Newport State R.I.

1. What installations are to be located here? _____

1B- B_{11}^4 S_{11}^4 Battery 107

1C- B_{13}^3 S_{13}^3 Battery 212

1B- B_2^7 S_2^7 Battery 108

1A- B_7^4 S_7^4 Battery 213

1C- B_1^4 S_1^4 Battery 109

1C- B_{12}^3 S_{12}^3 Battery 8" Sakonnet

1A- B_8^4 S_8^4 Battery 110

1D- SC S/L #17P

1E- SC S/L #18P

2. Number and type of structures to be constructed _____

1 - Cottage, 2 story

1 - Barn, 2 story

1 - Silo, 3 story

3. Type of site: Open Yes Wooded _____ Hilly _____ Level Yes

Lodge _____ Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road _____ Private Road to site _____

5. Proposed fire control cable hut _____

6. Nearest commercial electric power 2 1/2 miles

7. Delineotype generator required Yes

8. Housing facilities necessary In stations

9. Sewer facilities Septic Tank Needed

10. Type of water supply: City No Distance _____

Well (estimated depth) _____

11. Elevation of each construction site above mean low water 40'

REMARKS: (Refer to numbered items). Include needs of AMIS AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Maragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 47

PLACE (Local Name) Port Church

Town Little Compton County Newport State R.I.

1. What installations are to be located here? _____

Battery Gray (Const. #107) (Site 1A) P-11 (Site 1B)
5" Battery (Salmonnet) (Site 2A) Cable Terminal (Site 1D)
DC 5" (Sak) (Site 2C) P-12 (Site 2B)
DC Const. #107 (Site 1C)

2. Number and type of structures to be constructed _____

2 DC Stations (manhole type - top of rock)
Cable terminal

3. Type of site: Open x Wooded _____ Hilly x Level _____
Lodge x Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Contiguous
5. Proposed fire control cable hut Terminal on shore at Site 1
6. Nearest commercial electric power Contiguous
7. Delcotype generator required Power at batteries
8. Housing facilities necessary Cantonment nearby
9. Sewer facilities Part of battery installations
10. Type of water supply: City None Distance _____
Well (estimated depth) 250 feet
11. Elevation of each construction site above mean low water _____

50'

REMARKS: (Refer to numbered items). Include needs of M.I.S. AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 48

PLACE (Local Name) Sakonnet Point

Town Little Compton County Newport State R.I.

1. What installations are to be located here? B C Station, Btry #212 (Site 1B)

1A Constr. #212

2. Number and type of structures to be constructed Cottage type, with
"Widow's Walk".

3. Type of site: Open x Wooded Hilly Level x
Ledge Smooth Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Use access road to Site for Const. #212

5. Proposed fire control cable hut None

6. Nearest commercial electric power Contiguous

7. Delcotype generator required Use power plant from Btry (Const. #212)

8. Housing facilities necessary No

9. Sewer facilities None

10. Type of water supply: City None Distance

Well (estimated depth) Artesian - 100 G/M

11. Elevation of each construction site above mean low water

El 20'

REMARKS: (Refer to numbered items). Include needs of ALIS AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 49

PLACE (Local Name) Warren Point

Town Little Compton County Newport State R.I.

1. What installations are to be located here? _____

1A- G¹₃, B⁵₇ S⁵₇, B⁸₂ S⁸₂

1B- C-2, B⁴₁₃ S⁴₁₃, B⁴₁₂ S⁴₁₂, B⁵₁₁ S⁵₁₁, AAIS OP #7

1C- PH, B⁵₁ S⁵₁, B⁵₈ S⁵₈

2. Number and type of structures to be constructed _____

3- Cottage type Stations.

3. Type of site: Open X Wooded _____ Hilly _____ Level _____

Lodge _____ Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Contiguous

5. Proposed fire control cable hut Contiguous

6. Nearest commercial electric power _____

7. Decoteype generator required (emergency)

8. Housing facilities necessary No (Contoment nearby)

9. Sewer facilities None

10. Type of water supply: City None Distance _____

Well (ostimated depth) _____

11. Elevation of each construction site above mean low water _____

El 20'

REMARKS: (Refer to numbered items). Include needs of AAIS AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 50

PLACE (Local Name) Gooseberry Neck

Town Westport County Bristol State Mass.

1. What installations are to be located here?

Site 1A - Cable terminal

Site 1B - B₁⁶ S₁⁶ - B₁₂⁵ S₁₂⁵ 1F- SC S/L 21P

1C - Sw Bd Room - Power Plant

1D - B⁶₁₁ S⁶₁₁ - B⁵₁₃ S⁵₁₃ - AAIS OP 8- B⁶₈ S⁶₈

2. Number and type of structures to be constructed

I- Cable Terminal

2- Cottage Type, two story.

1- Cottage type, two story w/AAIS OP on roof.

1- Sw Bd Room and Power Plant combined.

3. Type of site: Open ☒ Wooded ☐ Hilly ☐ Level ☒

Lodge Smooth X Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Via Causeway. Connecting.

5. Proposed fire control cable hut 700 feet from Sw Bd Room.

6. Nearest commercial electric power 3000 feet.

7. Delcotype generator required Power Plant to be installed.

8. Housing facilities necessary Yes

9. Sewer facilities None available. Septic Tank Necessary

10. Type of water supply: City None Distance

Well (estimated depth) Salt Water Only *

11. Elevation of each construction site above mean low water

Site 1A 8' . Site 1B & 1C 16' . Site 1D 24' . Site 1E 16' .

REMARKS: (Refer to numbered items). Include needs of AMIS AND AWS

* It will be necessary to pipe water from the mainland a distance of 3000 feet.

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 57 (Sites 1 & 2)

PLACE (Local Name) Cuttyhunk Island

Town Gosnold County Duke State Mass.

1. What installations are to be located here? _____

1A- B ⁷ S ⁷	1E- B ⁶ S ⁶	
8 8	12 12	2B - SC S/L 24P
6 6		
1B- B ⁶ S ⁶	2A- B ² S ² - AAIS OP #9-FSB	2C- SC S/L 23P
13 13	1 1	
1C- B ¹ S ¹		3A - Cable Terminal.
2 2		
1D- B ⁷ S ⁷		
11 11		

2. Number and type of structures to be constructed _____

Site 1 - 5 Manhole type station

Site 2 - 1 Manhole type station

Site 3 - Concrete cable terminal (at beach)

3. Type of site: Open ☒ ~~Wetland~~ Hilly ☒ ~~Rocky~~
~~Bridge~~ Smooth ☒ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Site 1 - 1000 feet. Site 2 - 50 feet.

5. Proposed fire control cable hut See Exhibit Page of Pages

6. Nearest commercial electric power 110V-DC Site 1 - 2,000 feet Site 2 - 1,200 ft.

7. Delcotype generator required Yes

8. Housing facilities necessary Yes

9. Sewer facilities None

10. Type of water supply: City Town Distance Site 1 - 1200 ft.
Site 2 - 200 ft.

Well (estimated depth) _____

11. Elevation of each construction site above mean low water _____

Site 1 - El 150 ft. Site 2 - 155 ft.

REMARKS: (Refer to numbered items). Include needs of AAIS AND AWS

(8) Housing facilities for temporary, intermittent occupation not believed necessary. For permanent occupation several large homes in the vicinity are available and might be considered in lieu of new construction.

S E C R E T

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Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 59 (Sites 1 & 2)PLACE (Local Name) Gay HeadTown Gay Head County Duke State Mass.

1. What installations are to be located here? _____

Site 1A - Base end station, Battery Gray B₁₁⁸ S₁₁⁸

1B- SC S/L 23P

Site 2A - Base end station, Battery Milliken B₁¹ S₁¹

2A- AATS OP

2B- Cable Terminal

2C- SC S/L 25P

2. Number and type of structures to be constructed _____

Site 1 - One manhole type structure

Site 2 - One manhole type structure
Concrete Cable Terminal at beach3. Type of site: Open ☒ Wooded _____ Hilly ☒ Level _____Lodge _____ Smooth ☒ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road See Exhibit Page of Pages _____5. Proposed fire control cable hut See Exhibit Page of Pages _____6. Nearest commercial electric power 5 Miles (Rumored that P.V.C. is extending power line to Gay Head this year)7. Delcotype generator required Yes8. Housing facilities necessary No (Unless permanent occupancy is expected)9. Sewer facilities None10. Type of water supply: City None Distance _____Well (estimated depth) Artesian well at restaurant 500' east of Site 1
(Owned by Duke County) Privately owned spring 1500' NE of Site 2.

11. Elevation of each construction site above mean low water _____

Site 1 - El. 155Site 2 - El. 140

REMARKS: (Refer to numbered items). Include needs of AATS AND AWS

Coast Guard telephone available.

S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 60 (Site 1)

PLACE (Local Name) Beacon Hill (Block Island)

Town New Shoreham County Newport State R.I.

1. What installations are to be located here? _____

AAIS OP #12

B₁⁷ S₁⁷ Const #109

B₈⁸ S₈⁸ Const #110

B₂⁹ S₂⁹ Const #108

2. Number and type of structures to be constructed _____

1 Cottage, three story w/AAIS OP on roof

3. Type of site: Open x Wooded _____ Hilly x Level _____

Lodge _____ Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Contiguous

5. Proposed fire control cable hut None

6. Nearest commercial electric power 1 mile

7. Deltatype generator required Yes

8. Housing facilities necessary Use stations

9. Sewer facilities None

10. Type of water supply: City Yes Distance 1 mile

Well (estimated depth) Yes 60' - 100' deep

11. Elevation of each construction site above mean low water 200'

REMARKS: (Refer to numbered items). Include needs of AAIS AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 60 (Site 2-A)

PLACE (Local Name) Southwest (Block Island)

Town New Shoreham County Newport State R.I.

1. What installations are to be located here? _____

$B_2^{10} S_2^{10}$ Const #108

$B_1^8 S_1^8$ Const #109

$B_3^6 S_3^6$ Const #216

2. Number and type of structures to be constructed _____

1 Cottage, three story

3. Type of site: Open x Wooded _____ Hilly _____ Level x

Lodge _____ Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road 5000'

5. Proposed fire control cable hut None

6. Nearest commercial electric power 7000'

7. Delcotype generator required Yes

8. Housing facilities necessary In station

9. Sewer facilities None

10. Type of water supply: City None Distance _____

Well (estimated depth) 20'

11. Elevation of each construction site above mean low water 100'

REMARKS: (Refer to numbered items). Include needs of AMIS AND AWS

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 60 (Site 2-B)

PLACE (Local Name) Southwest (Block Island)

Town New Shoreham County Newport State R.I.

1. What installations are to be located here? _____

$B_2^4 S_2^4$ Const #113 C- SC S/L 32P

$B_{10}^{13} S_{10}^{13}$ Const #111 D- SC S/L 31P

$B_{12}^{12} S_{12}^{12}$ Const #114

2. Number and type of structures to be constructed _____

1 Cottage, three story

3. Type of site: Open ☒ Wooded _____ Hilly ☒ Level _____

Lodge _____ Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road 3000' to Public Highway (Dirt Rd. Contiguous)

5. Proposed fire control cable hut None

6. Nearest commercial electric power 7000'

7. Delcotype generator required Yes

8. Housing facilities necessary Use Stations

9. Sewer facilities None

10. Type of water supply: City None Distance _____

Well (estimated depth) _____

11. Elevation of each construction site above mean low water 150'

REMARKS: (Refer to numbered items). Include needs of AMIS AND AWS
(10) There is a flowing spring at easterly boundry of site.

S E C R E T

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S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 60 (Site 3-A)

PLACE (Local Name) Payne (Block Island)

Town New Shoreham County Newport State R.I.

1. What installations are to be located here? _____

$B_2^{11} S_2^{11}$ Const #108

$B_1^9 S_1^9$ Const #109

$B_8^9 S_8^9$ Const #110

2. Number and type of structures to be constructed _____

1 Cottage, three story

3. Type of site: Open x Wooded _____ Hilly x Level _____

Lodge _____ Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Contiguous

5. Proposed fire control cable hut None

6. Nearest commercial electric power 500'

7. Delcotype generator required Yes

8. Housing facilities necessary In stations

9. Sewer facilities None

10. Type of water supply: City Yes Distance 1000'

Well (estimated depth) 60'

11. Elevation of each construction site above mean low water 180'

REMARKS: (Refer to numbered items). Include needs of AMIS AND AWS

S E C R E T

Exhibit 2-I, Page 29 of 31 Pages

S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 60 (Site 3-B&C)

PLACE (Local Name) Turtle Hill (Block Island)

Town New Shoreham County Newport State R.I.

1. What installations are to be located here? _____

(B) B_{11}^{9S9} Btry Gray (C) B_2^{5S5} Const #113

(B) B_3^{5S5} Const #211 (C) B_{10}^{14S14} Const #111

(C) B_{12}^{13S13} Const #114 (D) SC S/L 29P
(E) SC S/L 30P

2. Number and type of structures to be constructed _____

1 Cottage, two story

1 Tower, three story

3. Type of site: Open x Wooded _____ Hilly x Level _____

Lodge _____ Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Contiguous

5. Proposed fire control cable hut None

6. Nearest commercial electric power 1000'

7. Delcotype generator required Yes

8. Housing facilities necessary Use Stations

9. Sewer facilities None

10. Type of water supply: City Yes Distance 1000'

Well (estimated depth) 80'

11. Elevation of each construction site above mean low water 130

REMARKS: (Refer to numbered items). Include needs of AMIS AND AWS

S E C R E T

Exhibit 2-I, Page 30 of 31 Pages

S E C R E T

Form #37

H. D. of Narragansett Bay

INFORMATION FOR DESIGN AND CONSTRUCTION OF INSTALLATIONS

LOCATION NO. 60 (Site 4)

PLACE (Local Name) Clay Head (Block Island)

Town New Shoreham County Newport State R.I.

1. What installations are to be located here? _____

(A) B₂⁶ S₂⁶ Const #113 (B) B₁¹⁰S₁¹⁰ Const #109 (G) SC S/L 28P

(A) B₁₂¹⁴ S₁₂¹⁴ " #114 (B) B₈¹⁰S₈¹⁰ " #110 (H) SC S/L 33P

(I) SC S/L 34P

(A) B₃⁶ S₃⁶ " #211 (C) B₁₀¹⁵S₁₀¹⁵ " #111 (F) SC S/L 27P

(B) B₂¹² S₂¹² " #108 (D) B₁₁¹⁰S₁₁¹⁰ Btry Gray

2. Number and type of structures to be constructed _____

2 Cottages, three story

1 Cottage, one story

1 Manhole

3. Type of site: Open x Wooded _____ Hilly x Level _____

Lodge _____ Smooth _____ Obstructions to sight None

UTILITIES INFORMATION - Give location and approximate distance to:

4. Approach road Contiguous

5. Proposed fire control cable hut None

6. Nearest commercial electric power 500'

7. Delcotype generator required Yes

8. Housing facilities necessary Use Stations

9. Sewer facilities None

10. Type of water supply: City None Distance _____

Well (estimated depth) 80'

11. Elevation of each construction site above mean low water 135'

REMARKS: (Refer to numbered items). Include needs of AMIS AND AWS.

S E C R E T

Exhibit 2-I, Page 31 of 31 Pages

S E C R E T

Form #38. Annex B.

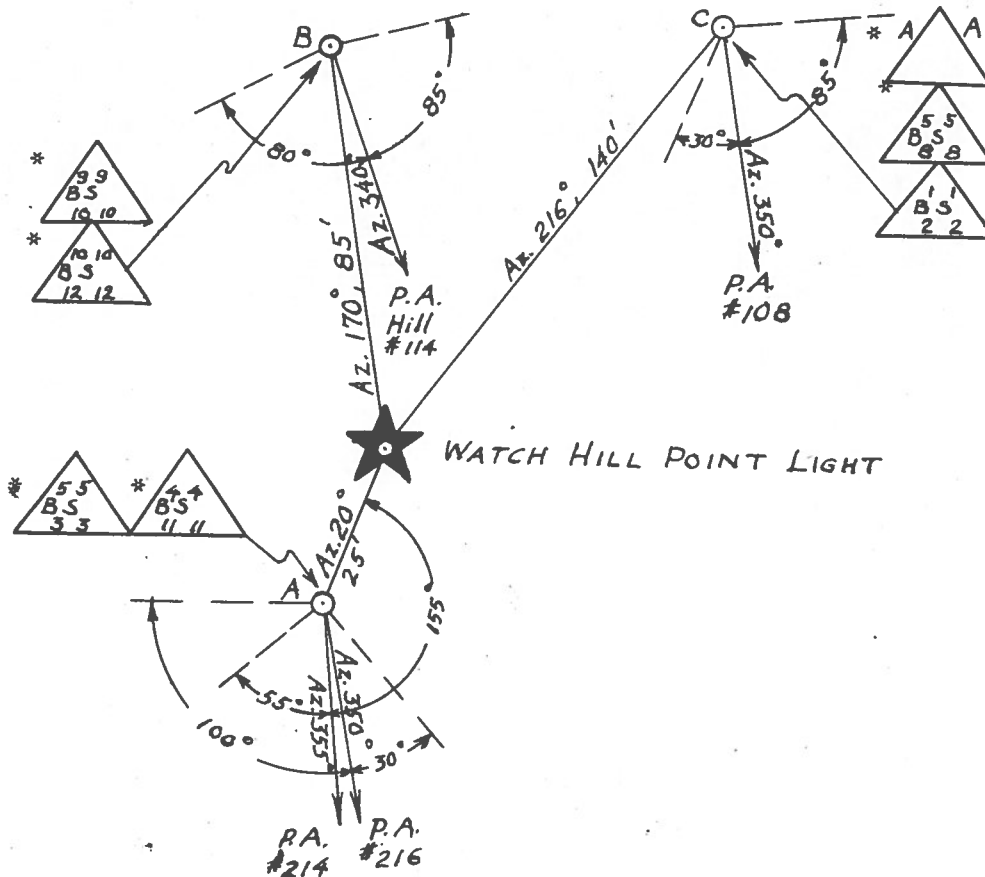
H. D. of Narragansett Bay

FIRE CONTROL INSTALLATIONS

LOCATION NO. 27

PLACE Watch Hill Point

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. & Type
2-A	Cottage	Upper	B ₃ ⁵ S ₃ ⁵	* Const. #214 2-6"	25'
		Upper	B ₁₁ ⁴ S ₁₁ ⁴	* Const. #216 2-6"	25'
2-B	Tower	Upper	B ₁₀ ⁹ S ₁₀ ⁹	* Const. #111 2-16"	68'
		Lower	B ₁₂ ¹⁰ S ₁₂ ¹⁰	* Const. #114 2-16"	60'
2-C	Tower	Roof	'AAIS OP	* ,	78'
		Upper	B ₈ ⁵ S ₈ ⁵	* Const. #215 2-6"	70'
		Lower	B ₂ ¹ S ₂ ¹	Const. #108 2-16"	60' AI
* Harbor Defenses of Long Island Sound					



S E C R E T

S E C R E T

Form #38. Annex B.

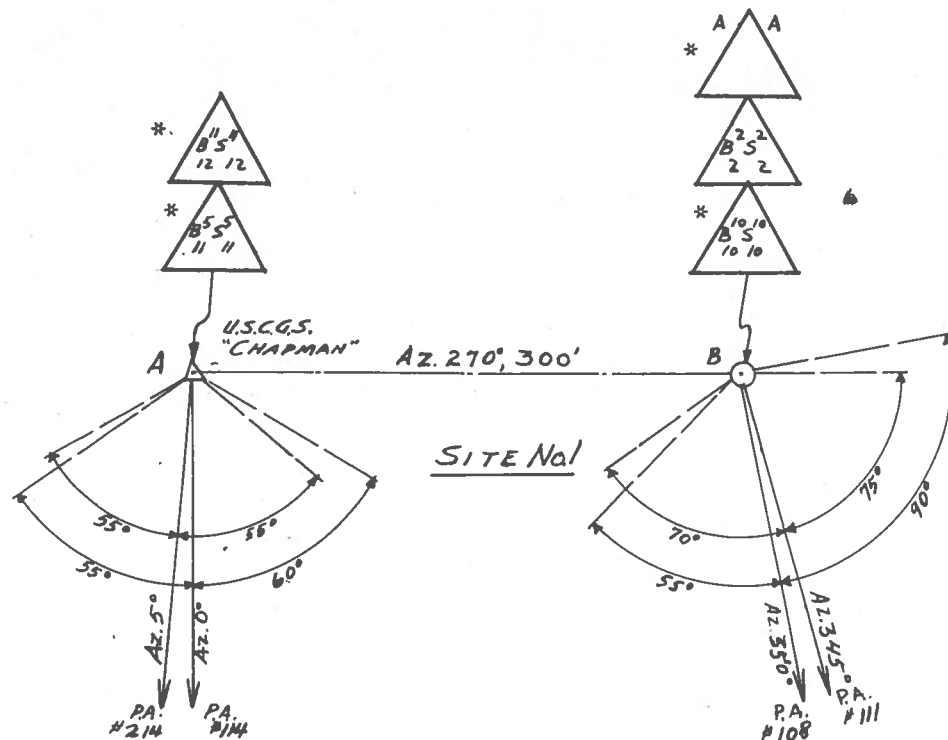
H. D. of Narragansett Bay

FIRE CONTROL INSTALLATIONS

LOCATION NO. 29

PLACE Noyes Point

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. & Type
1-A	Tower	Upper	11 11 B S * 12 12	Const. #114 2-16"	114 AI
		Lower	5 5 B S * 11 11	Const. #214 2-6"	106 AI
1-B	Tower	Roof	AAIS OP *		120
		Upper	2 2 B S 2 2	Const. #108 2-16"	114 AI
		Lower	10 10 B S * 10 10	Const. #111 2-16"	106 AI
* Harbor Defenses of Long Island Sound.					



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S E C R E T

Form #38. Annex B.

H. D. of Narragansett Bay

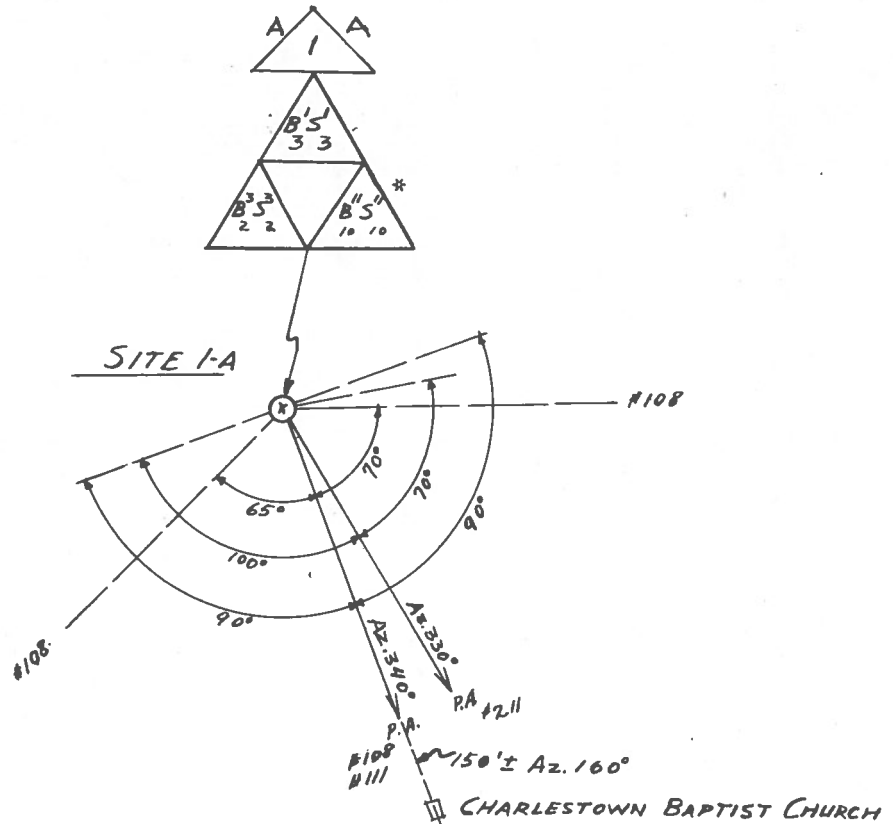
FIRE CONTROL INSTALLATIONS

LOCATION NO. 31

PLACE Charlestown

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. & Type
1-A	Cottage	Roof	AAIS OP #1		150
		Upper	B ¹ S ¹ 3 3	Const. "211 2-6"	144 DPF
		Lower	B ³ S ³ 2 2	Const. "108 2-16"	136 AI
		Lower	B ¹¹ S ¹¹ 10 10 *	Const. "111 2-16"	136 AI

* Harbor Defenses of Long Island Sound.



S E C R E T

Exhibit 3-I, Page 3 of 25 Page

S E C R E T

Form #38. Annex B.

H. D. of Narragansett Bay

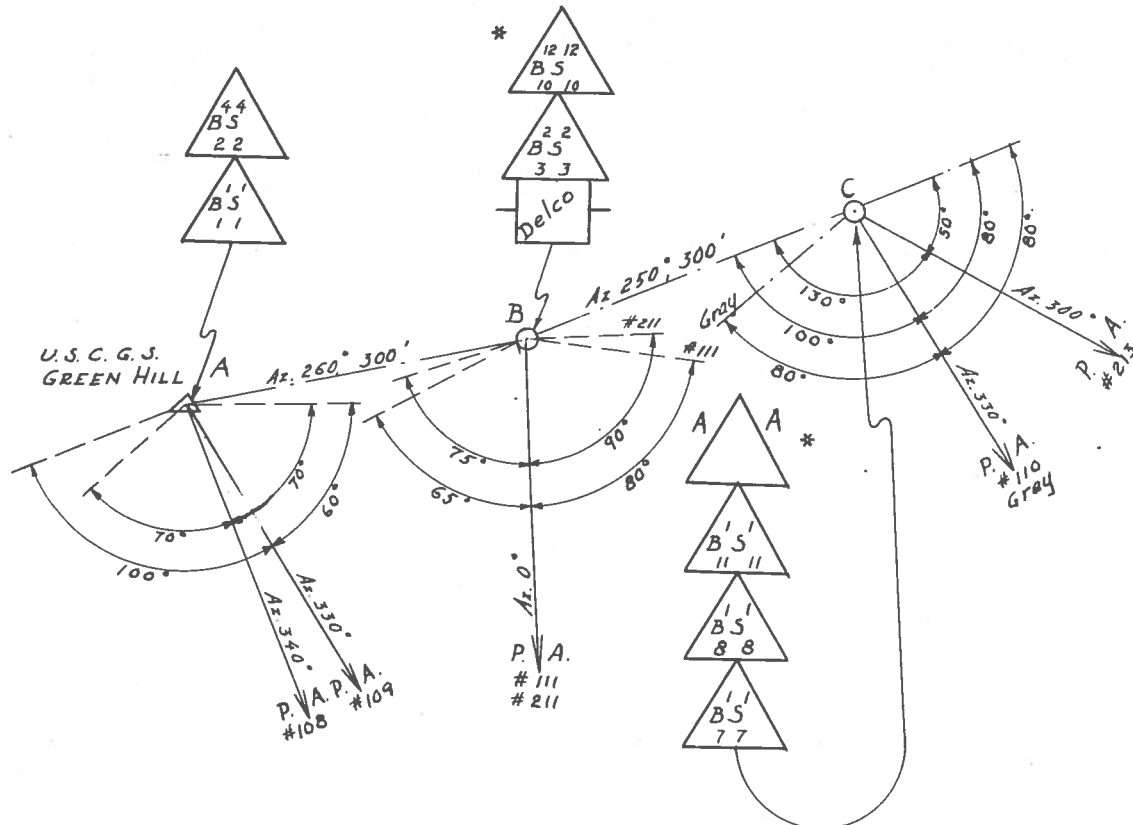
FIRE CONTROL INSTALLATIONS

LOCATION NO. 32

PLACE Green Hill

Site No.:	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. & Type
1-A	Steel Tower	Upper	$\begin{smallmatrix} 4 & 4 \\ B_2 & S_2 \end{smallmatrix}$	Const. #108 2-16"	118' AI
		Lower	$\begin{smallmatrix} 1 & 1 \\ B & S \end{smallmatrix}$	Const. #109 2-16"	110' AI
1-B	Steel Tower	Upper	$\begin{smallmatrix} 12 & 12 \\ B & S \end{smallmatrix}$ *	Const. #111 2-16"	118' AI
		Lower	$\begin{smallmatrix} 2 & 2 \\ B & S \end{smallmatrix}$	Const. #211 2-6"	110' AI
			3 3		
			Ground Power Plant		
1-C	Steel Tower	Roof	AAIS OP *	None	131' AI
		Upper	$\begin{smallmatrix} 1 & 1 \\ B & S \end{smallmatrix}$	Btry. Gray 2-16"	126' AI
			11 11		
		Middle	$\begin{smallmatrix} 1 & 1 \\ B & S \end{smallmatrix}$	Const. #110 2-16"	118' AI
			8 8		
		Lower	$\begin{smallmatrix} 1 & 1 \\ B_7 & S_7 \end{smallmatrix}$	Const. #213 2-6"	110' AI
			7 7		

* Harbor Defenses of Long Island Sound.



S E C R E T

S E C R E T

Form #38. Annex B.

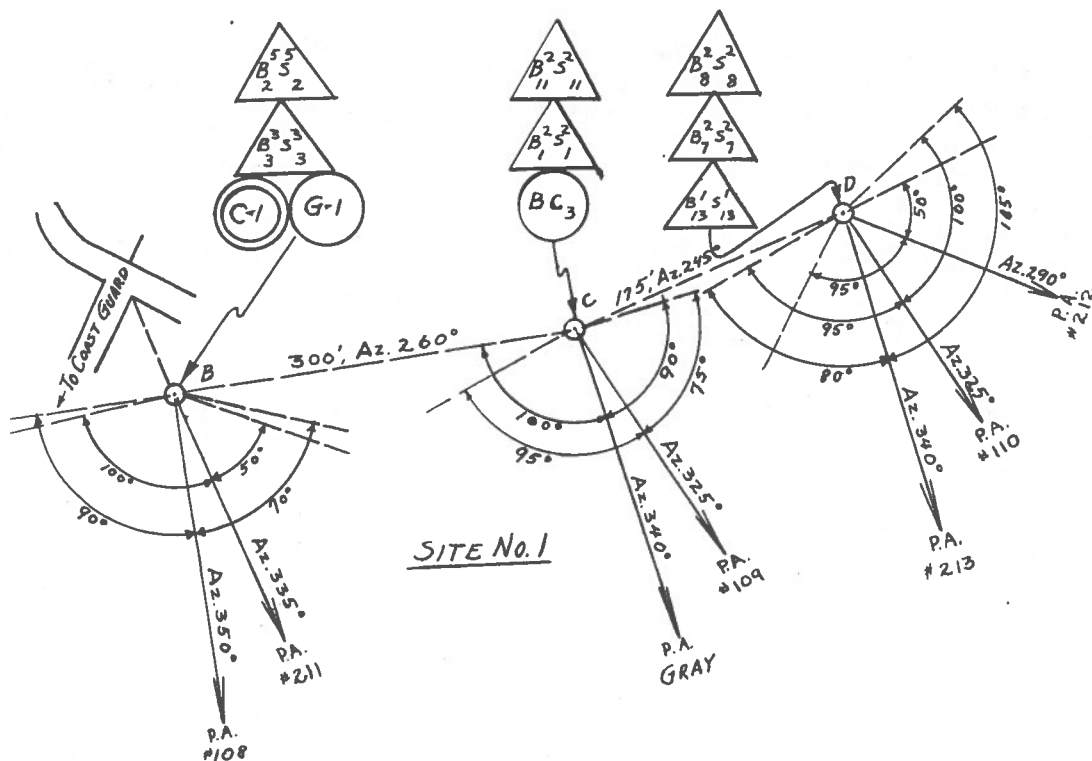
H. D. of Narragansett Bay

FIRE CONTROL INSTALLATIONS

LOCATION NO. 33

PLACE Point Judith

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. and Type
1-B	Cottage	Upper	B ⁵ S ⁵ 2 2	Const. #108	46 AI
		Middle	B ³ S ³ 3 3	Const. #211	38 AI
		Lower	G-1		30
		Lower	C-1		30
1-C	Cottage	Upper	B ² S ² 11 11	Btry. Gray	46 AI
		Middle	B ² S ² 1 1	Const. #109	38 AI
		Lower	BC 3	Const. #211	30 AI
1-D	Cottage	Upper	B ² S ² 8 8	Const. #110	46 AI
		Middle	B ² S ² 7 7	Const. #213	38 AI
		Lower	B ¹ S ¹ 13 13	Const. #212	30 AI



S E C R E T

S E C R E T

Form #38. Annex B.

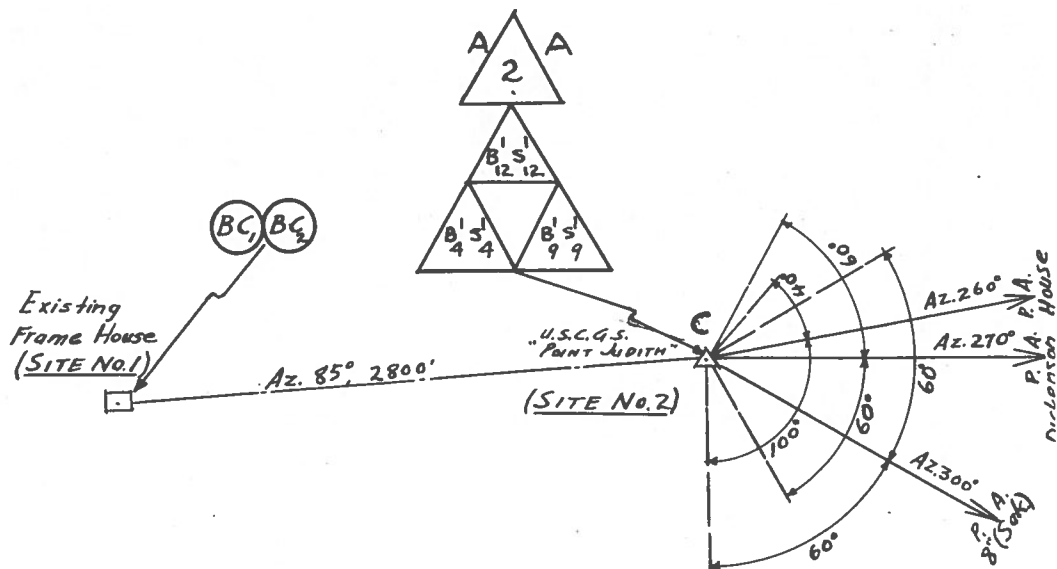
H. D. of Narragansett Bay

FIRE CONTROL INSTALLATIONS

LOCATION NO. 34

PLACE Fort Greene

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. & Type
1-C	Frame House	Upper	BC ₁	Constr. #109 2-16"	50' AI
		Upper	BC ₂	Constr. #108 2-16"	50' AI
2-C	Cottage	Roof	AAIS OP #2	AACP	43'
		Upper	B ₁₂ ¹ S ₁₂ ¹	8-inch (Sak) 2-8"	38' AI
		Lower	B ₄ ¹ S ₄ ¹	House	2-6" 30' AI
		Lower	B ₉ ¹ S ₉ ¹	Dickenson	2-6" 30' AI



S E C R E T

S E C R E T

Form #38. Annex B.

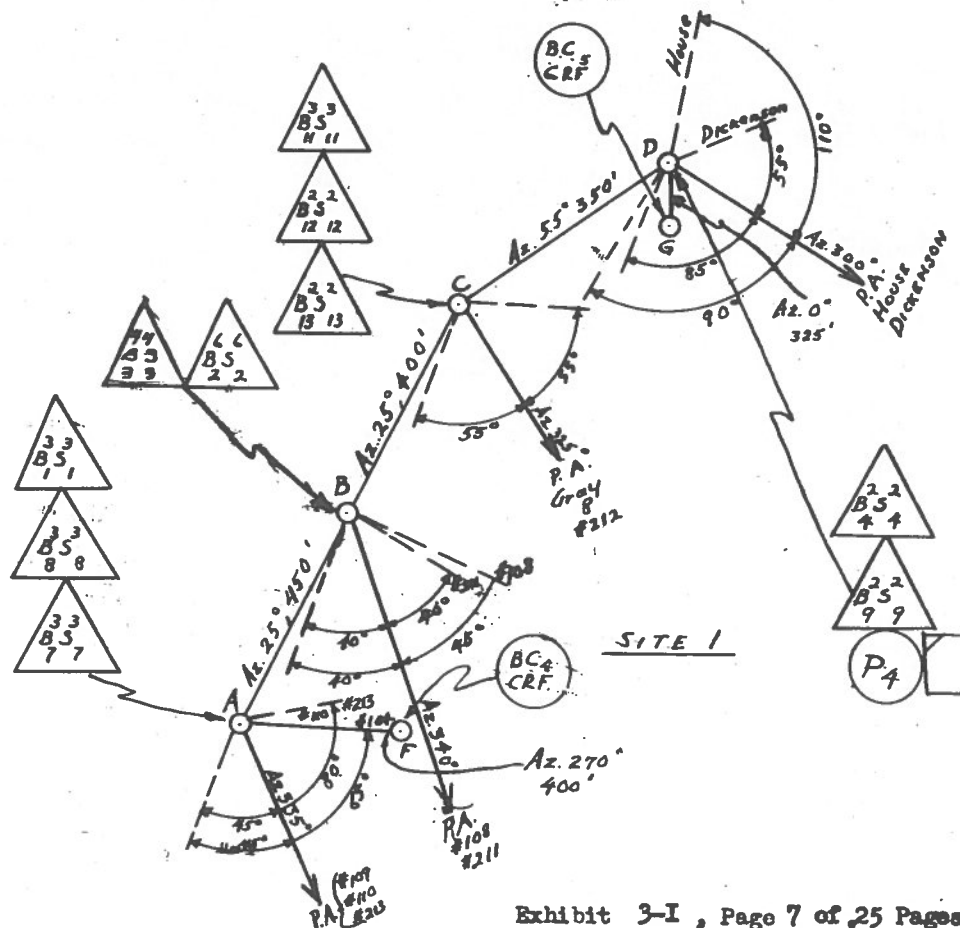
H. D. of Narragansett Bay

FIRE CONTROL INSTALLATIONS

LOCATION NO. 35

PLACE Boston Neck

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. & Type
1-A	Cottage	Upper	B ₁ S ₁	Constr. #109	2-16" 48 AI
		Middle	B ₈ S ₈	Constr. #110	2-16" 40 AI
		Lower	B ₇ S ₇	Constr. #213	2-6" 32 AI
1-B	Cottage	Upper	B ₂ S ₂	Constr. #108	2-16" 35 AI
		Upper	B ₃ S ₃	Constr. #211	2-6" 35 AI
1-C	Cottage	Upper	B ₁₁ S ₁₁	Gray	2-16" 48 AI
		Middle	B ₁₂ S ₁₂	8" Sak.	2-8" 40 AI
		Lower	B ₁₃ S ₁₃	Constr. #212	2-6" 32 AI
1-D	Cottage	Upper	B ₄ S ₄	House	2-6" 50 AI
		Lower	B ₅ S ₅	Dickenson	2-6" 42 AI
		Ground	P ₄	House	2-6" AI
1-F	Pit	Ground	EC ₄ CRF	House	2-6" 25
1-G	Pit	Ground	EC ₅ CRF	Armistead	2-3" 25



S E C R E T

S E C R E T

Form #38. Annex B.

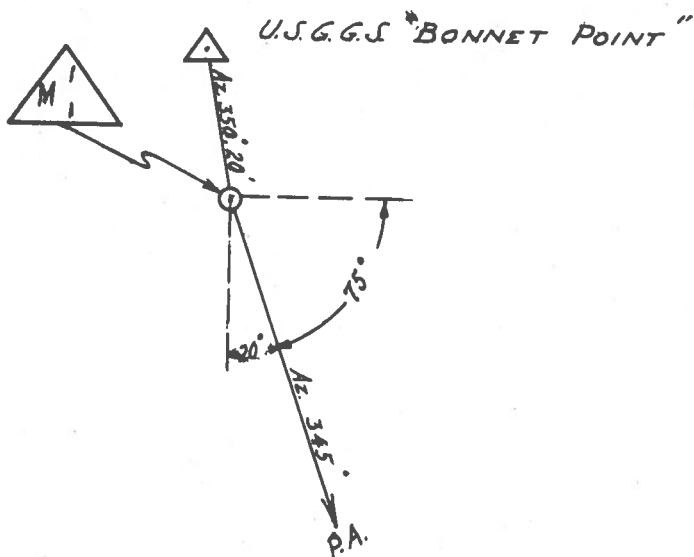
H. D. of Narragansett Bay

FIRE CONTROL INSTALLATIONS

LOCATION NO. 36

PLACE The Bonnet

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. & Type
1-A	Manhole	Ground	M ₁	MC _I	45 DPF (On Hand)



S E C R E T

SECRET

Form #38. Annex B.

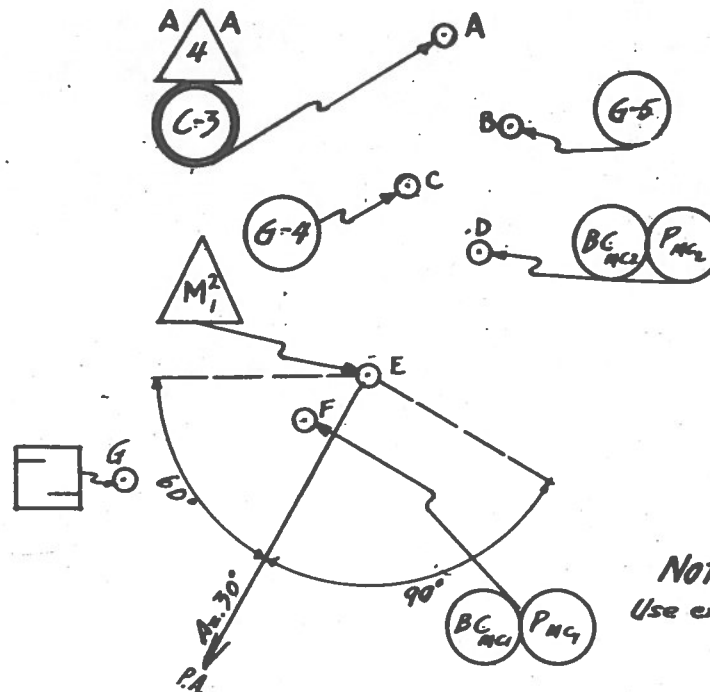
H. D. of Narragansett Bay

FIRE CONTROL INSTALLATIONS

LOCATION NO. 40

PLACE Prospect Hill

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. & Type
1A	Manhole	Roof One	AAIS OP C-3	AACP Mine Groupment	131' AI
1B	Manhole	One	G-5	Mine Group	122' AI
1C	Manhole	One	G-4	-----	115' AI
1D	Manhole	One	P & BC	MC-2	110' DPF (On Hand)
1E	Manhole	One	M ₁ ²	MC-1	100' DPF (On Hand)
1F	Manhole	One	P & BC	MC-1	95' DPF (On Hand)
1G	Cable Hxt	One	All	-----	-----



SECRET

S E C R E T

Form #38. Annex B.

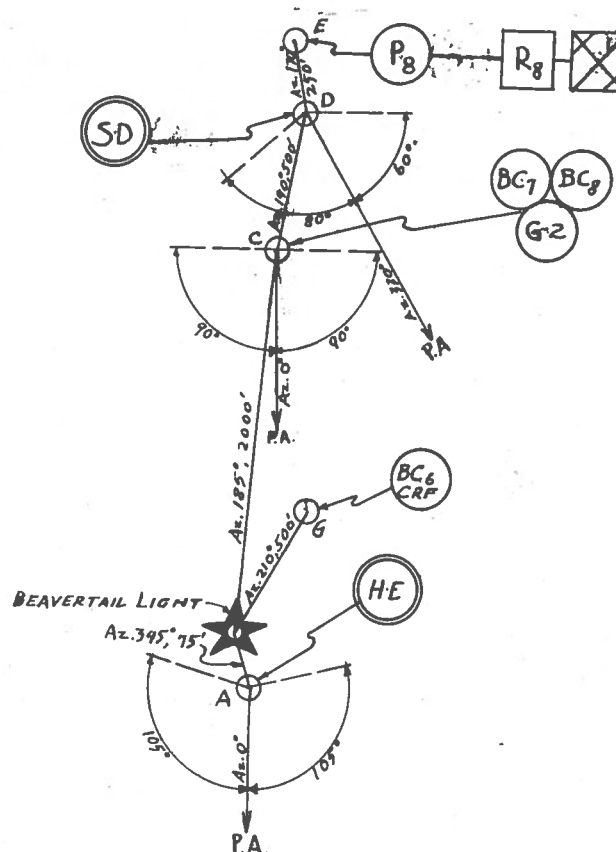
H. D. of Narragansett Bay

FIRE CONTROL INSTALLATIONS

LOCATION NO. 41

PLACE Beavertail

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. & type
1A	Cottage & Tower	Ground	IE Control Post	HD Narragansett Bay	25 AI
1C	Cottage	Upper	BC7	Const. 213	75 AI
		Upper	BC 8	Const. 110	75 AI
		Lower	G-2 (See Form # 7)		65 AI
1D	Bombproof	Ground	SDCP	HD Narra. Bay	85 AI
1G	Concrete open	Ground	BC	2-3"	35
			CRF		
1E	Bombproof	Ground	P8	Const. 110	
			R8		
			Swb8		



S E C R E T

S E C R E T

Form #38. Annex B.

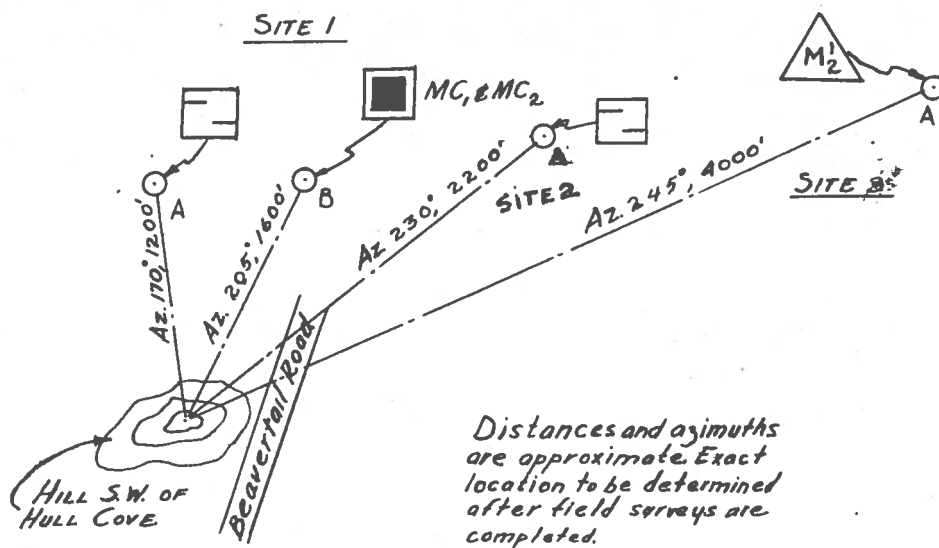
H. D. of Narragansett Bay

FIRE CONTROL INSTALLATIONS

LOCATION NO. 42

PLACE Hull Cove

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. & Type
1-A	Cable Terminal	Ground	West passage	Line Command 1	None
1-B	Underground	Ground	LC 1	Line Command 1	None
		"	LC 2	Line Command 2	"
2-A	Cable Terminal	Ground	East passage	Line Command 2	None
3-A	Manhole	Ground	M ₂ ¹	Line Command 2	40' D.P.F. (On Hand)



S E C R E T

S E C R E T

Form #38. Annex B.

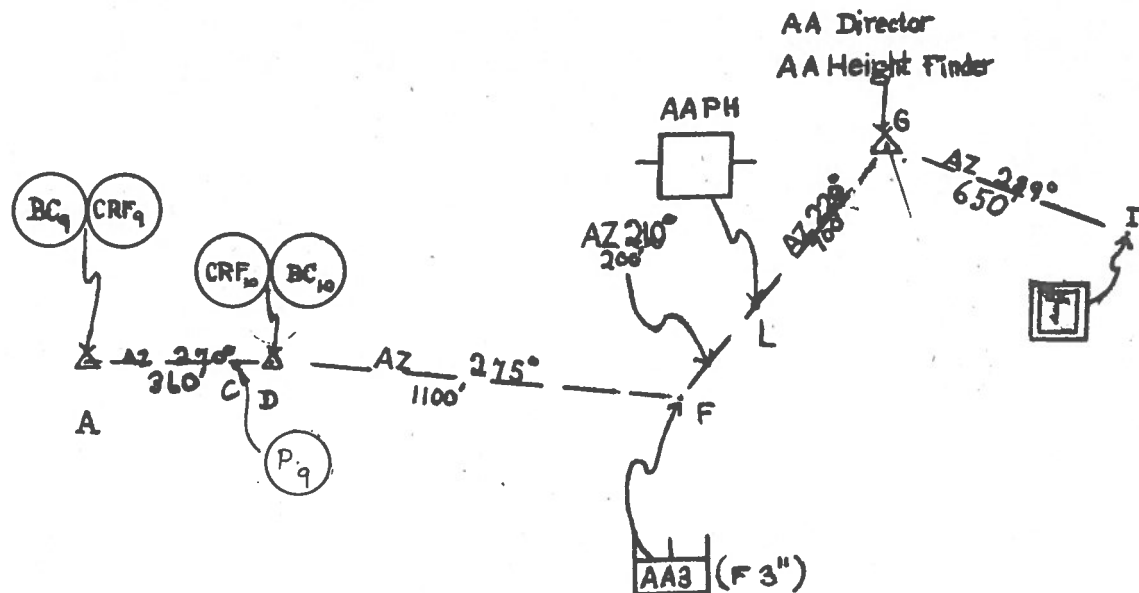
H. D. of Narragansett Bay

FIRE CONTROL INSTALLATIONS

LOCATION NO. 43

PLACE Fort Wetherill

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst.
1A	Splinterproof Concrete	Ground	BC ₉ CRF ₉	Dickenson 2-6" BC	45'
1B	Existing		P ₉	" "	
1D	Splinterproof Concrete	Ground	BC ₁₀ CRF ₁₀	Crittendon 2-3" BC	45'
1G	Pit	Ground	AA Director AA Height Finder	AA Fixed #3	45'
1I	Shed	Ground	Tide Station	Met Station	10'
1L	Concrete	Ground	AA PH	AA Fixed #3	30'



S E C R E T

S E C R E T

Form #38. Annex B.

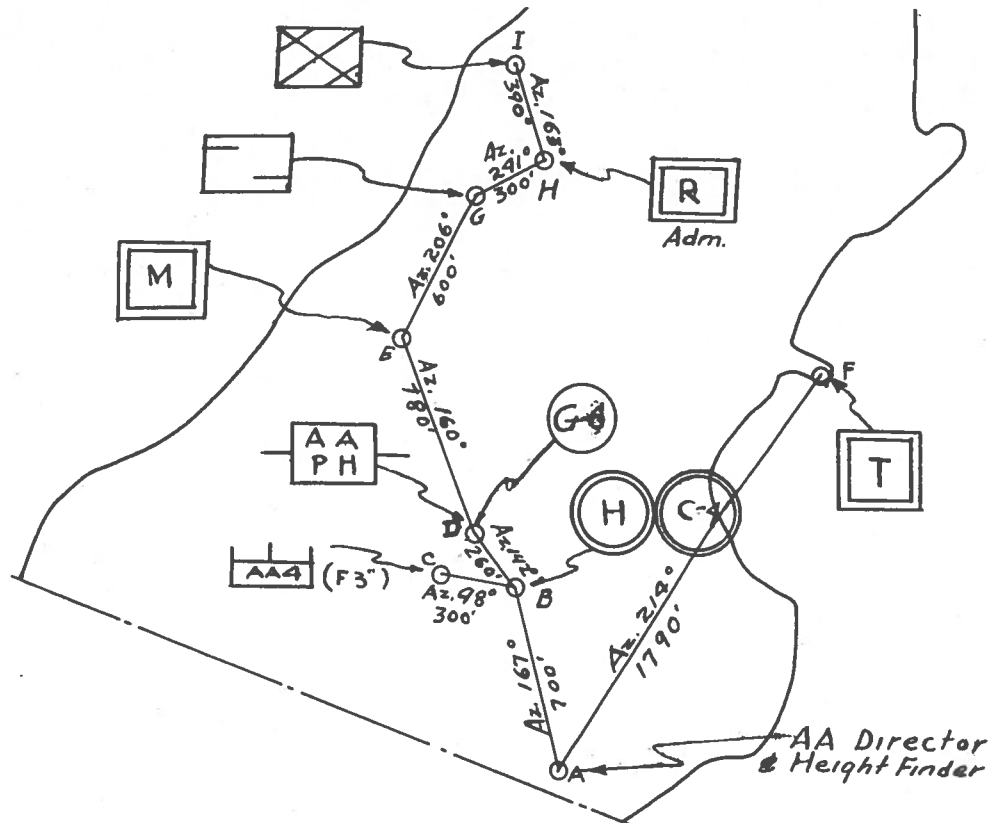
H. D. of Narragansett Bay

FIRE CONTROL INSTALLATIONS

LOCATION NO: 44

PLACE Fort Adams

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst.
1-A	Pit	Ground	AA Director & HT. Finder	AA Fixed #4	
1-B	Bombproof	Ground	HD Command Post	HD of Narragansett Bay	
1-E	Existing	One	C-4, AA Met. Station	HD of Narragansett Bay	
1-F	Shed	One	Tide Station	Met. Station	
1-G	Cable Terminal	Ground			
1-H	Existing	One	Adm. Radio		
1-I	Bombproof	Ground	PSB & FSB		
1-D	Existing	Ground	AAPH	AA Fixed #4	
		Tower	G-8	HD of Narragansett Bay	



S E C R E T

S E C R E T

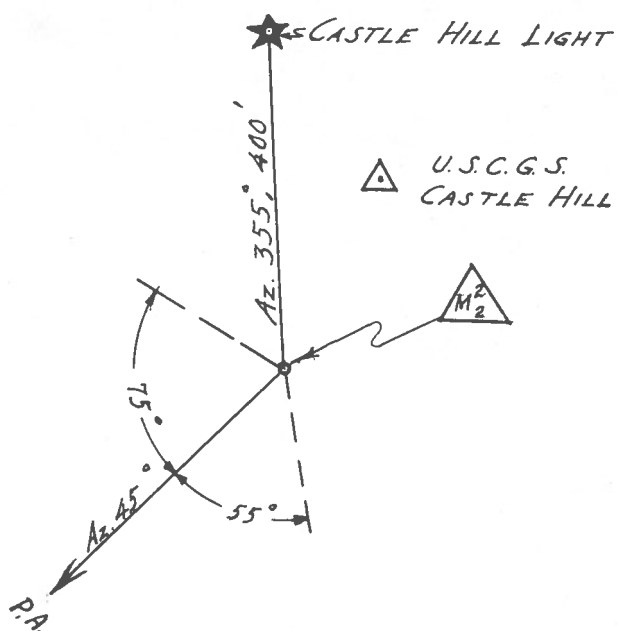
Form #38. Annex B.

H. D. of Narragansett Bay

FIRE CONTROL INSTALLATIONS

LOCATION NO. 45

PLACE Castle Hill

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S E C R E T

Form #38. Annex B.

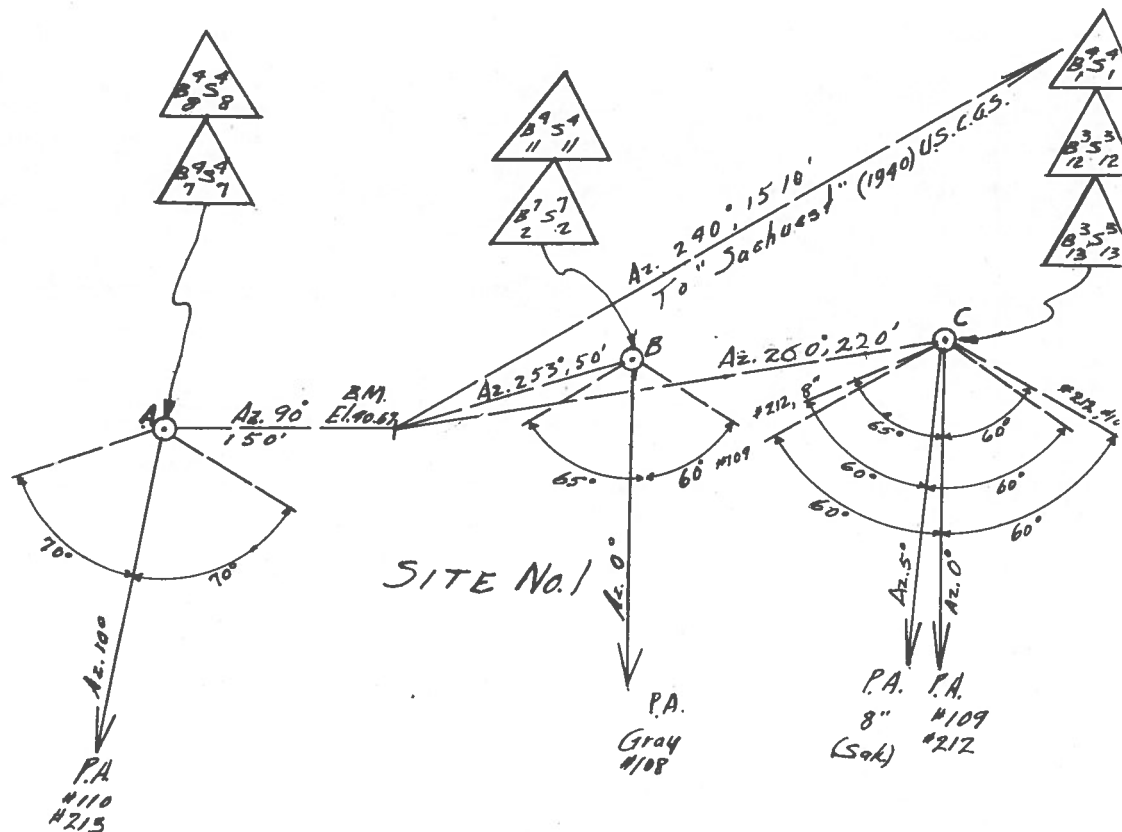
H. D. of Narvagansett Bay

FIRE CONTROL INSTALLATIONS

LOCATION NO. 46

PLACE Sachuest Point

Site: No.:	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. & Type
1-A	Cottage	Upper	B ₈ ⁴ S ₈ ⁴	Const. #110, 2-16"	60' AI
		Lower	B ₇ ⁴ S ₇ ⁴	Const. #213, 2-6"	52' AI
1-B	Barn	Upper	B ₁₁ ⁴ S ₁₁ ⁴	Btry. Gray, 2-16"	63" AI
		Lower	B ₂ ⁷ S ₂ ⁷	Const. #108, 2-16"	55' AI
1-C	Silo	Upper	B ₁ ⁴ S ₁ ⁴	Const. #109, 2-16"	75' AI
		Middle	B ₁₂ ³ S ₁₂ ³	8" (Sak) 2-8"	67' AI
		Lower	B ₁₃ ³ S ₁₃ ³	Const. #212, 2-6"	59' AI



S E C R E T

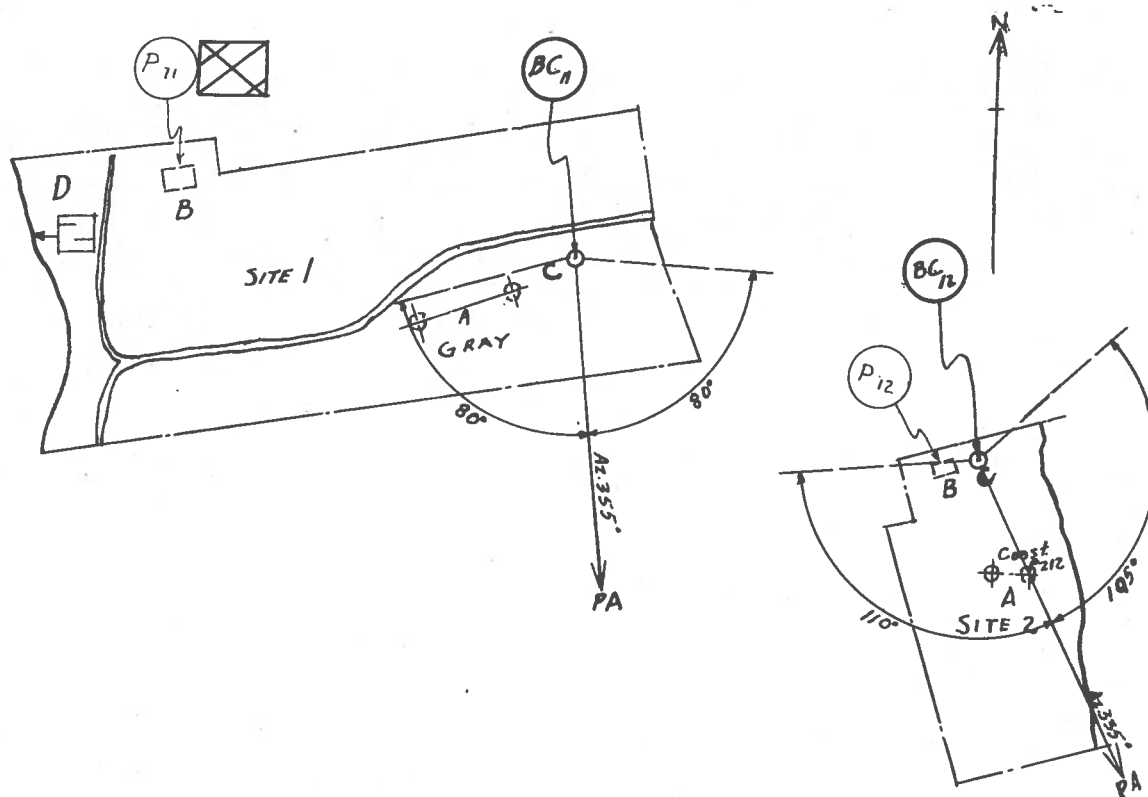
Form #38. Annex B.

H. D. of Narragansett Bay

FIRE CONTROL INSTALLATIONS

LOCATION NO. 47

PLACE	Fort Church
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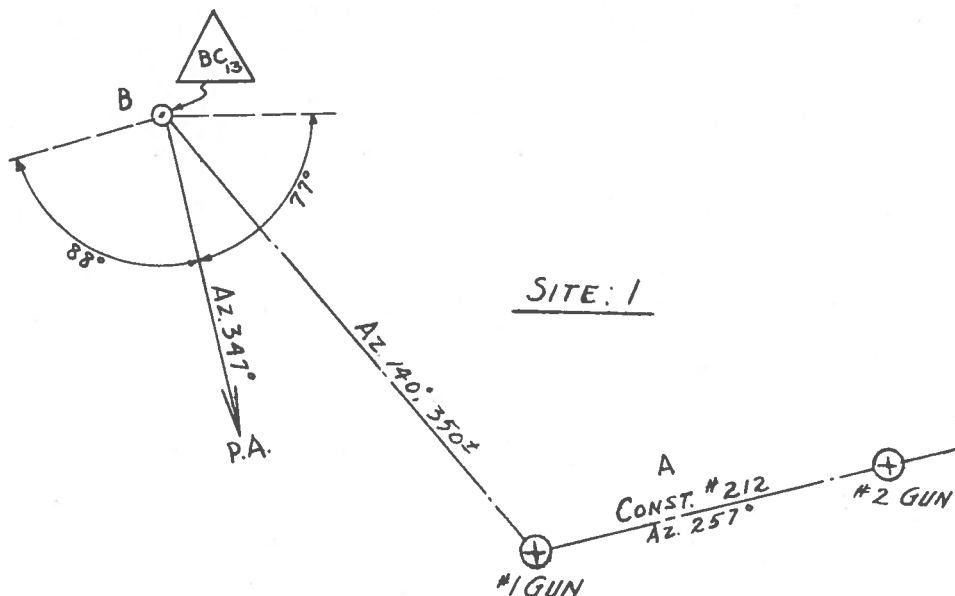
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S E C R E T

LOCATION NO. 48

FIRE CONTROL INSTALLATIONS

PLACEMENT

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S E C R E T

Form #38. Annex B.

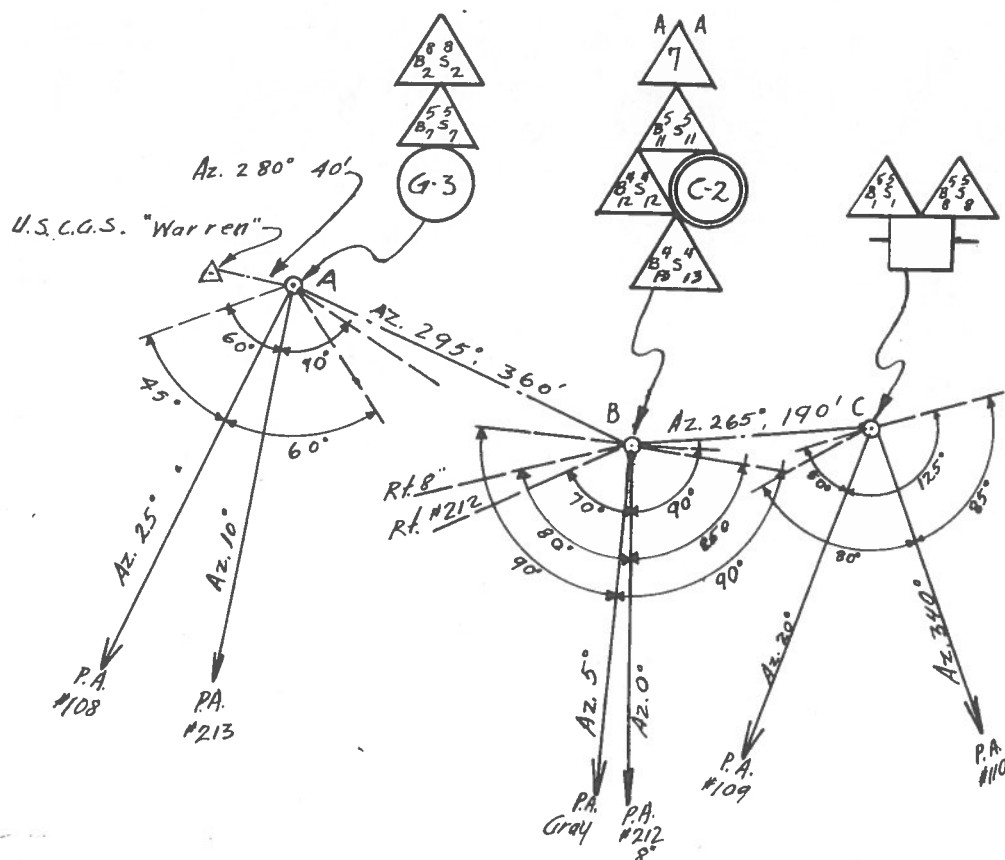
H. D. of Narra, Ansett Bay

FIRE CONTROL INSTALLATIONS

LOCATION NO. 49

PLACE Warren Point

Site No.:	Type	Floor:	Station Assignments	Designation of Battery and Armament	Height of Inst. & Type
1-A:	Cottage	Upper:	B ⁸ ₂ S ⁸ ₂	Const. #100 2-16"	36 AI
:		Lower:	B ⁵ ₇ S ⁵ ₇	Const. #213 2-6"	23 AI
:		Lower:	G-3	(See Form #7)	28 AI
1-B:	Cottage	Roof:	AMIS OP #7		50
:		Upper:	B ⁵ ₁₁ S ⁵ ₁₁	Battery Gray 2-16"	44 AI
:		Middle:	B ⁴ ₁₂ S ⁴ ₁₂	Sakonnet, 2-8"	36 AI
:		Middle:	C-2	(See Form #7)	36
:		Lower:	B ⁴ ₁₃ S ⁴ ₁₃	Const. #212 2-6"	28 AI
1-C:	Cottage	Ground:	B ⁵ ₁ S ⁵ ₁	Const. #109 2-16"	30 AI
:		Ground:	B ⁵ ₈ S ⁵ ₈	Const. #110 2-16"	30 AI
Dsmt. Power Plant				Signal Corps Equipment.	



S E C R E T

S E C R E T

Form #38. Annex B.

H. D. of Narragansett Bay

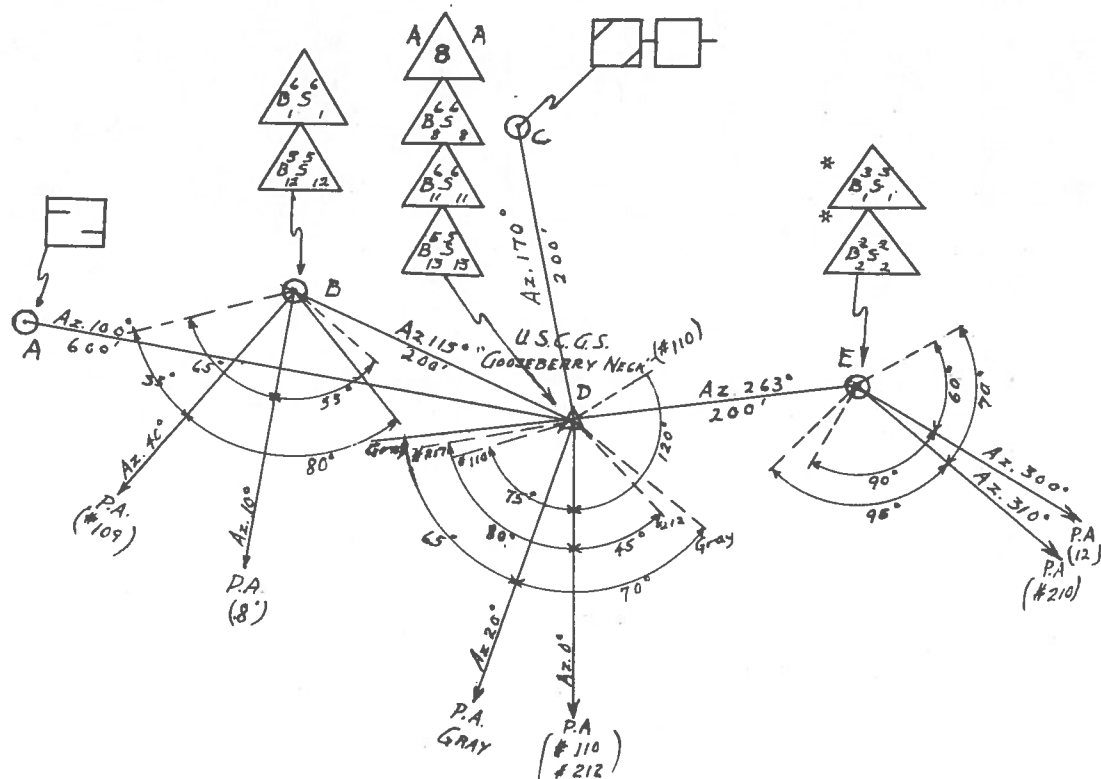
FIRE CONTROL INSTALLATIONS

LOCATION NO. 50

PLACE Gooseberry Neck

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. and Type
1-A	Cable Terminal				None
1-B	Cottage	Upper	B ₁ ⁶ S ₁ ⁶	Const. #109, 2-16"	35' AI
		Lower	B ₁₂ ⁵ S ₁₂ ⁵	8" (Sak.), 2-8"	27' AI
1-C	Bombproof	-----	FSB		None
1-D	Lighthouse	Roof	AAIS OP (#8)	None	60'
		Upper	B ₈ ⁶ S ₈ ⁶	Const. #110, 2-16"	55' AI
		Middle	B ₁₁ ⁶ S ₁₁ ⁶	Btry Gray, 2-16"	47' AI
		Lower	B ₁₃ ⁵ S ₁₃ ⁵	Const. #212, 2-6"	39' AI
1-E	Cottage	Upper	B ₁ ³ S ₁ ³	* Btry Milliken, 2-12"	33' AI
		Lower	B ₂ ² S ₂ ²	* Const. #210, 2-6"	25' AI

* Harbor Defenses of New Bedford



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S E C R E T

Form #38. Annex B.

H. D. of Narragansett Bay

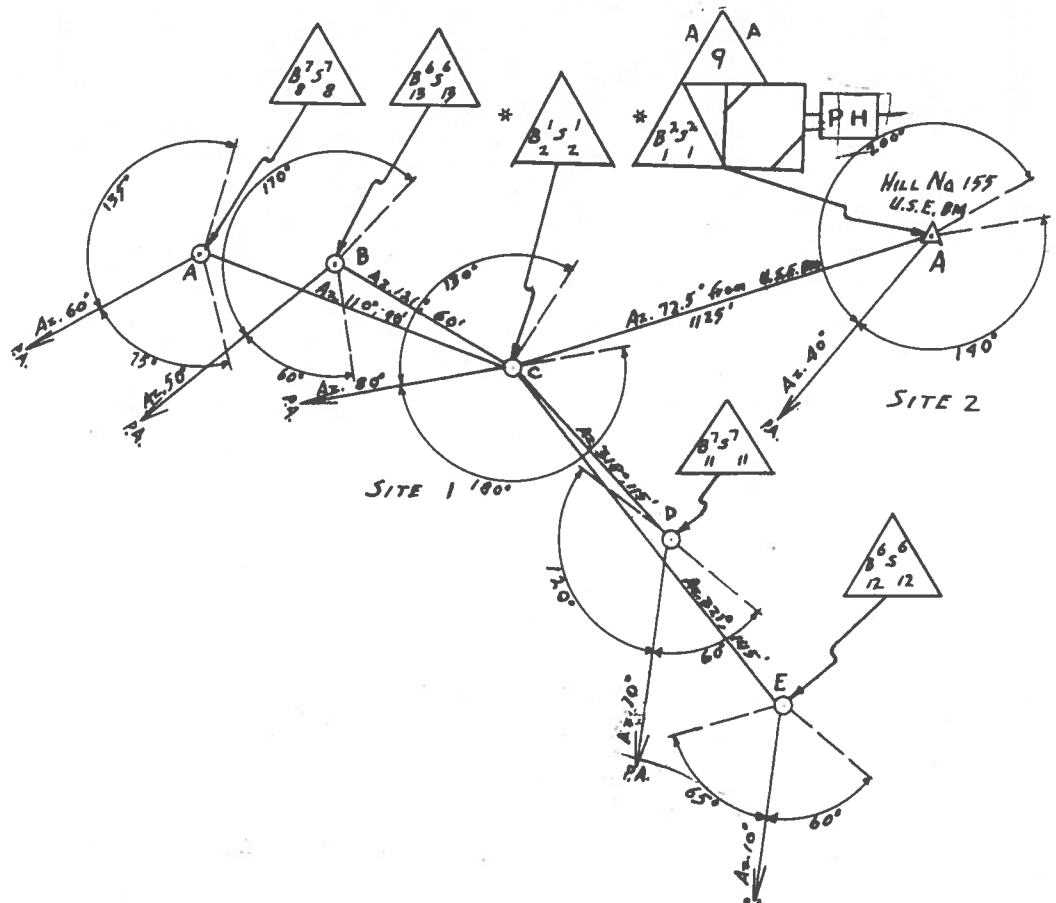
FIRE CONTROL INSTALLATIONS

LOCATION NO. 57

PLACE Cuttyhunk Island

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. & Type
1-A	Manhole	One	B ₈ ⁷ S ₈ ⁷	Btry. 110, 2-16"	133' DPF
1-B	"	"	B ₁₃ ⁶ S ₁₃ ⁶	Btry. 212, 2-6"	137' DPF
1-C	"	"	B ₂ ¹ S ₂ ¹ *	Btry. 210, 2-6"	143' DPF
1-D	"	"	B ₁₁ ⁷ S ₁₁ ⁷	Btry Gray, 2-16"	140' AI
1-E	"	"	B ₁₂ ⁶ S ₁₂ ⁶	Btry. 8"Sdk, 2-8"	135' DPF
2-A	"	Roof	AAIS OP #9	None	160'
2-A	"	One	B ₁ ² S ₁ ² *	Btry. Milliken, 2-12" LR	155' DPF
2-A	"	"	FSB & PH		None

* Harbor Defenses of New Bedford



S E C R E T

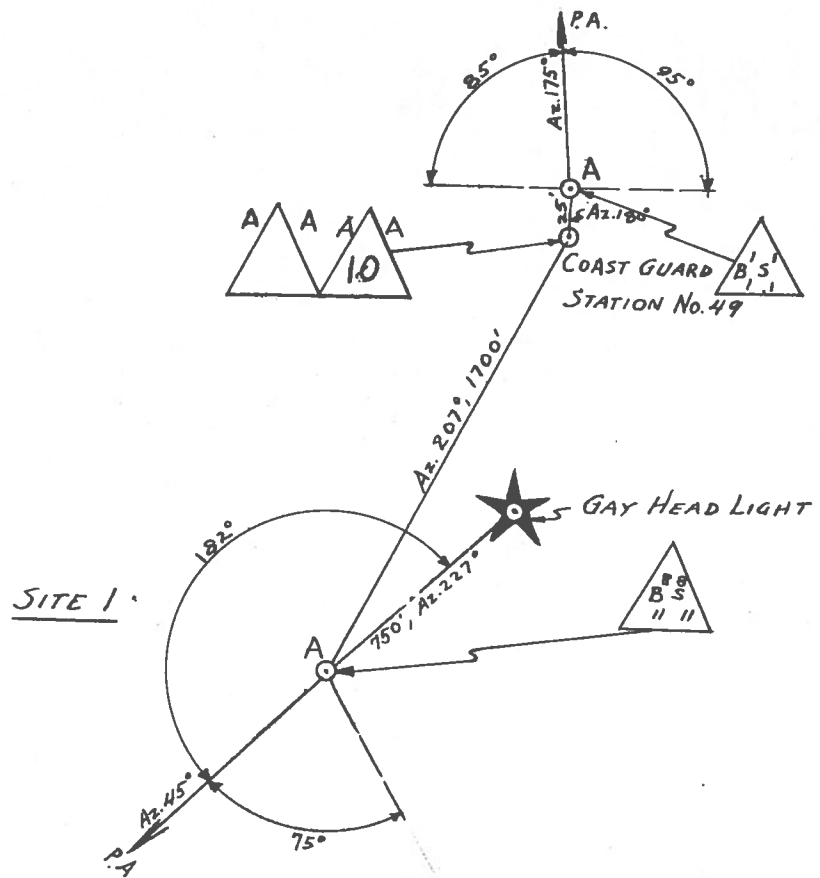
FIRE CONTROL INSTALLATIONS

LOCATION NO. 59

PLACE Gay Head

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. and Type
1-A	Manhole	One	B ₁₁ S ₁₁	Btry. Gray, 2-16"	155' DPF
2-A		Roof of CG Tower	AAIS OP #10 AAIS OP *	AACP	180'
2-A	Manhole	One	B ₁ S ₁ *	Btry. Milliken 2-12" L. R.	140' DPF

* Harbor Defenses of New Bedford.



S E C R E T

Form #38. Annex B.

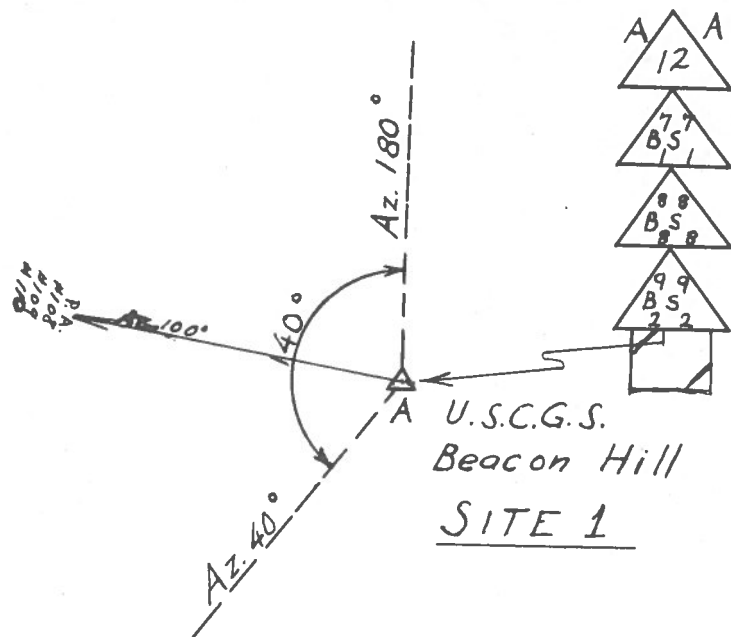
H. D. of Narragansett Bay

FIRE CONTROL INSTALLATIONS

LOCATION NO. 60-1

PLACE Block Island (Beacon Hill)

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst.
1A	Cottage	Roof	AAIS OP #12		
		Upper	B 7 S 7 1 1	Const. #109	223' DPF
		Middle	B 8 S 8 8 8	Const. #110	215' AI
		Lower	B 9 S 9 2 2	Const. #108	207' DPF



S E C R E T

S E C R E T

Form #38, Annex B.

H. D. of Narragansett Bay

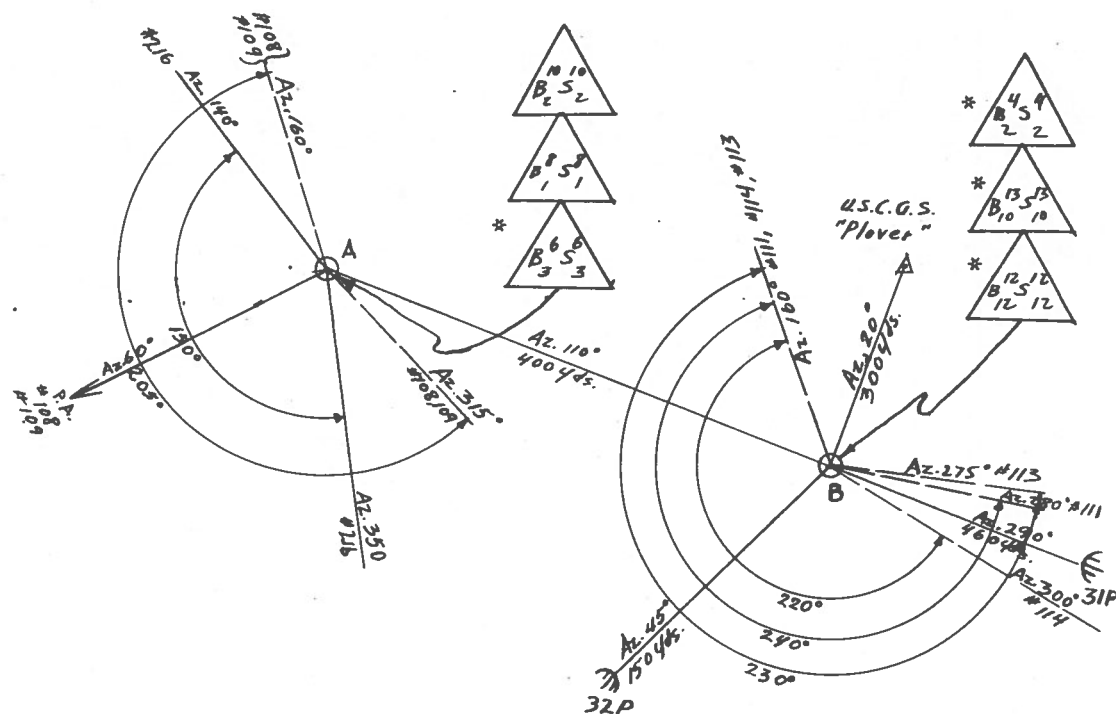
FIRE CONTROL INSTALLATIONS

LOCATION NO. 60-2

PLACE Block Island (So. West)

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. & Type
2A	Cottage	Upper	B ₂ ¹⁰ S ₂ ¹⁰	Const #108	123 DPF
		Middle	B ₁ ⁸ S ₁ ⁸	Const #109	115 DPF
		Lower	B ₃ ⁶ S ₃ ⁶	Const #216	107 DPF
2B	*Cottage	*Upper	B ₂ ⁴ S ₂ ⁴	Const #113	172
		*Middle	B ₁₀ ¹³ S ₁₀ ¹³	Const #111	165
		*Lower	B ₁₂ ¹² S ₁₂ ¹²	Const #114	157

* This station included in HD of LIS Project



S E C R E T

S E C R E T

Form #38. Annex B.

H. D. of Narragansett Bay

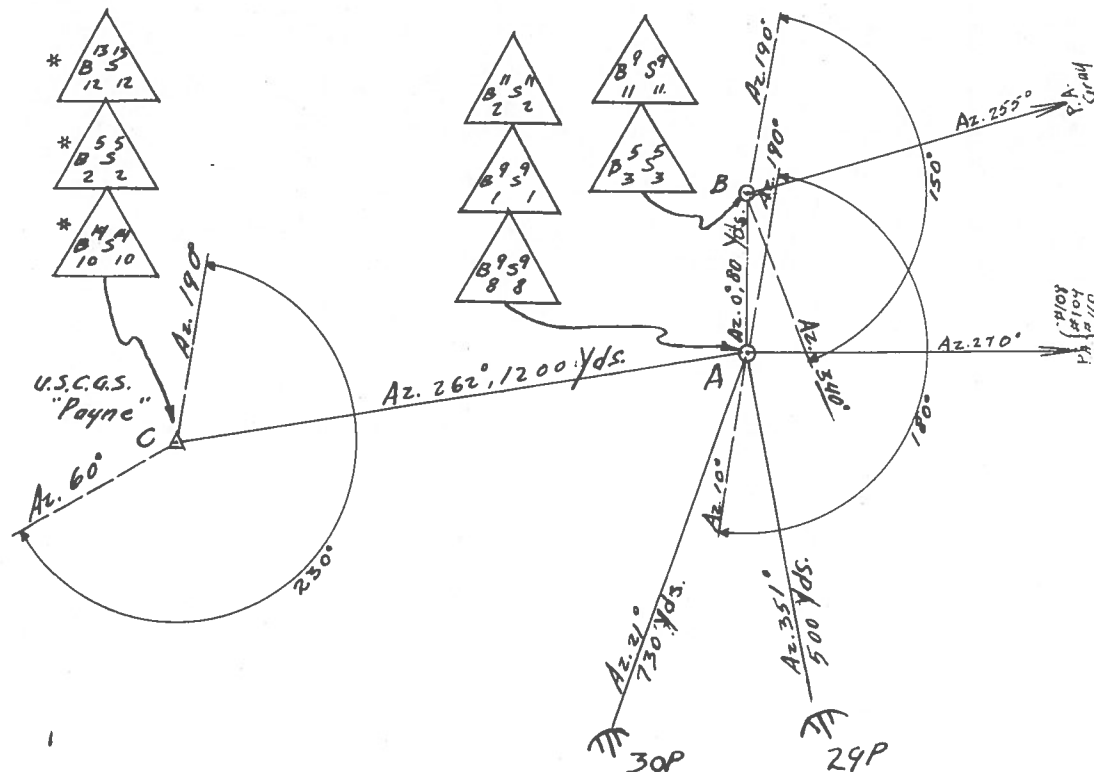
FIRE CONTROL INSTALLATIONS

LOCATION NO. 60-3

PLACE Block Island (Payne)

Site No.:	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. & Type
3A	Cottage	Upper	B ₂ ¹¹ S ₂ ¹¹	Const #108	153 DPF
		Middle	B ₁ ⁹ S ₁ ⁹	Const #109	145 DPF
		Lower	B ₈ ⁹ S ₈ ⁹	Const #110	137 AI
3B	Cottage	Upper	B ₁₁ ⁹ S ₁₁ ⁹	Gray	145 AI
		Lower	B ₃ ⁵ S ₃ ⁵	Const #211	137 DPF
3C	*Tower	Upper	B ₁₂ ¹³ S ₁₂ ¹³	Const #114	206
		Middle	B ₂ ⁵ S ₂ ⁵	Const #113	198
		Lower	B ₁₀ ¹⁴ S ₁₀ ¹⁴	Const #111	190

* This included in HD of LIS Project



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Form #38. Annex B:

H. D. of Narragansett Bay

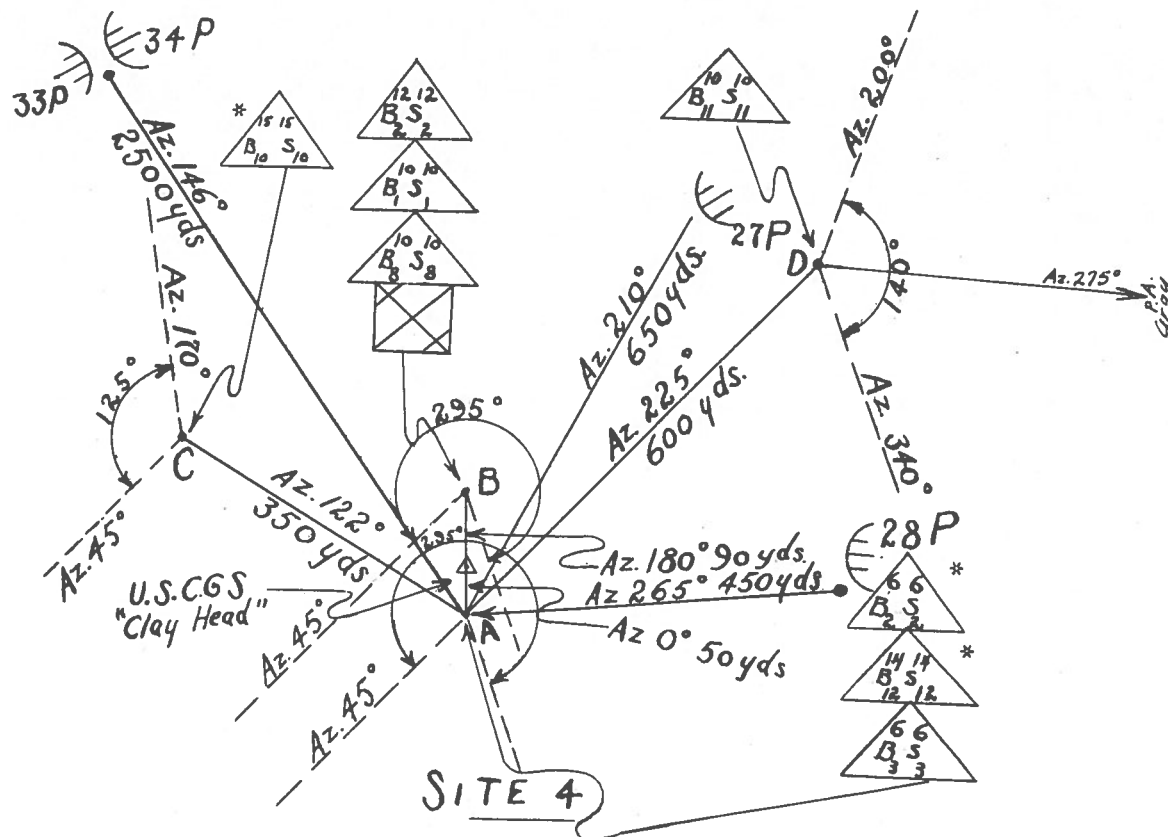
FIRE CONTROL INSTALLATIONS

LOCATION NO. 60-4

PLACE Block Island (Clayhead)

Site No.	Type	Floor	Station Assignments	Designation of Battery and Armament	Height of Inst. & Type
4A	Cottage	Upper	B ₂ ⁶ S ₂ ⁶ *	Const #113	168
		Middle	B ₁₂ ¹⁴ S ₁₂ ¹⁴ *	Const #114	160
		Lower	B ₃ ⁶ S ₃ ⁶	Const #211	152 DPF
4B	Cottage	Upper	B ₂ ¹² S ₂ ¹²	Const #108	158 DPF
		Middle	B ₁ ¹⁰ S ₁ ¹⁰	Const #109	150 AI
		Lower	B ₈ ¹⁰ S ₈ ¹⁰	Const #110	142 DPF
4C	*Cottage	—	B ₁₀ ¹⁵ S ₁₀ ¹⁵	Const #111	127
4D	Manhole	—	B ₁₁ ¹⁰ S ₁₁ ¹⁰	Gray	127 AI

* Included in HD of LIS Project



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HARBOR DEFENSES OF NARRAGANSETT BAY

EXHIBITS - ANNEX J

EXHIBIT

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Index and Summary by Location

INDEX AND SUMMARY

- By Location -

Priority	Item No.	Location No.	Site No.	Type of Structure and Purpose	Approximate Size	Aerial Protection	Gas Proofing	Exhibition
1	27	2-C		Tower Roof AAIS OP *	11' x 11'	SB	N	3-I-1
				Upper B ⁵ S ⁵ 8 8				
				Lower B ¹ S ¹ 2 2				
1	29	1-B		Tower Roof AAIS OP Upper B ² S ² 2 2	11'x11'	SB	N	3-I-2
				Lower B ¹⁰ S ¹⁰ * 10 10				
1	31	1-A		Cottage Roof AAIS OP #1 Upper B ¹ S ¹ 3 3	25'x12'	SB	N	3-I-3
				Lower B ³ S ³ 2 2				
				Lower B ¹¹ S ¹¹ * 10 10				
1	32	1-A		Tower Upper B ⁴ S ⁴ 2 2	11'x11'	SB	N	3-I-4
				Lower B ¹ S ¹ 1 1				
2		1-B		Tower Upper B ¹² S ¹² * 10 10	11'x11'	SB	N	3-1-4
				Lower B ² S ² 3 3				
				PH				

* HD of Long Island Sound

NOTES: * For "location numbers" refer to Form #33 - "Summary of Land Procurement Recommended".
 ♀ Refer to Par. 13, Page 15, "NOTES ON TYPE HARBOR DEFENSE INSTALLATIONS" - OCCA for symbols and for protection required.

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Form #39 Annex J

H. D. of Narragansett Bay

INDEX AND SUMMARY

- By Location -

Priority	Item No.	Location	Site	Type of Structure and Purpose	Approximate Size	Aerial Photo	Gas Proof	Exhibition
1	32	1-C		Tower Roof AAIS OP * Upper B1 S1 11 11 Middle B1 S1 8 8 Lower B1 S1 7 7	11x11'	SB	N	3-I-4
1	33	1-B		Cottage Upper B5 S5 2 2 Middle B3 S3 3 3 Lower G-1 Lower C-1	20'x15'	SB	N	3-I-5
1		1-C		Cottage Upper B2 S2 11 11 Middle B2 S2 1 1 Lower BC3	20'x12'	SB	N	3-I-5

* HD of Long Island Sound

NOTES: * For "location numbers" refer to Form #33 - "Summary of Land Procurement Recommended".
 x Refer to Par. 13, Page 15, "NOTES ON TYPE HARBOR DEFENSE INSTALLATIONS" - OCCA for symbols and for protection required.

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H. D. of Narragansett Bay

INDEX AND SUMMARY

- By Location -

Pri- ority	Item No.	Loca- tion No.	Site No.	Type of Structure and Purpose	Approx- imate Size	Aerial Protec- tion	Gas Proof- ing	Exhi- bit
2		33	1-D	Cottage Upper B ² S ² 8 8	20'x12'	SB	N	3-I-5
				Middle B ² S ² 7 7				
				Lower B ¹ S ¹ 13 13				
1		34	1-C	Frame House Upper BC ₁	11'x11' (Room)	SB	N	3-I-6
				Upper BC ₂	11'x11' (Room)			
1			2-C	Cottage AAIS OP #2 Upper B ¹ S ¹ 12 12	11'x11'	SB	N	3-I-6
				Lower B ¹ S ¹ 4 4				
				Lower B ¹ S ¹ 9 9				
2		35	1-A	Cottage Upper B ³ S ³ 1 1	11'x11'	SB	N	3-I-7
				Middle B ³ S ³ 8 8				
				Lower B ³ S ³ 7 7				

NOTES: * For "location numbers" refer to Form #33 - "Summary of Land Procurement Recommended".
 Refer to Par. 13, Page 15, "NOTES ON TYPE HARBOR DEFENSE INSTALLATIONS" - OCCA for symbols and for protection required.

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H. D. of Narragansett Bay

INDEX AND SUMMARY

- By Location -

Pri- ority	Item No.	Loca- tion No.	Site No.	Type of Structure and Purpose	Approx- imate Size	Aerial Protec- tion	Gas Proof- ing	Exhi- bit
1	:	35	1-B	Cottage Upper B ₂ ⁶ S ₂ ⁶	21' x 11'	SB	N	3-I-7
:	:	:	:	Upper B ₃ ⁴ S ₃ ⁴	:	:	:	:
1	:	:	1-C	Cottage Upper B ₁₁ ³ S ₁₁ ³	21' x 11'	SB	N	3-I-7
:	:	:	:	Middle B ₁₂ ² S ₁₂ ²	:	:	:	:
:	:	:	:	Lower B ₁₃ ² S ₁₃ ²	:	:	:	:
1	:	:	1-D	Cottage Upper B ₄ ² S ₄ ²	11' x 11'	SB	N	3-I-7
:	:	:	:	Lower B ₉ ² S ₉ ²	:	:	:	:
:	:	:	:	Ground P ₄	:	:	:	:
:	:	:	:	Ground SB	:	:	:	:
1	:	:	1-F	Pit BC ₄ CRF ₄	15' x 15'	SB	N	3-I-7
:	:	:	:	:	:	:	:	:
1	:	:	1-G	Pit BC ₅ CRF ₅	12' x 12'	SB	N	3-I-7
:	:	:	:	:	:	:	:	:
1	:	36	1-A	Manhole Ground M ₁	11' x 11'	SB	N	3-I-8
:	:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:	:

NOTES: * For "location numbers" refer to Form #33 - "Summary of Land Procurement Recommended".
 Refer to Par. 13, Page 15, "NOTES ON TYPE HARBOR DEFENSE IN-STALLATIONS" - OCCA for symbols and for protection required.

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H. D. of Narragansett Bay

INDEX AND SUMMARY

- By Location -

[illegible]

NOTES: * For "location numbers" refer to Form #33 - "Summary of Land Procurement Recommended".
 x Refer to Par. 13, Page 15, "NOTES ON TYPE HARBOR DEFENSE INSTALLATIONS" - OCCA for symbols and for protection required.

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H. D. of Narragansett Bay

- By Location -

NOTES: * For "location numbers" refer to Form #33 - "Summary of Land Procurement Recommended".
 x Refer to Par. 13, Page 15, "NOTES ON TYPE HARBOR DEFENSE INSTALLATIONS" - OCCA for symbols and for protection required.

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H. D. of Narragansett Bay

INDEX AND SUMMARY

- By Location -

Pri- ority	Item No.	Location No.	Site No.	Type of Structure and Purpose	Approx- imate Size	Aerial Protect- ion	Gas Proof	Exhi- bit
2	41	1-C		Cottage Upper BC7 Upper BC8 Lower C-2	20'x12'	SB	N	3-I-10
1			1-D	Bombproof Ground SDGP	40'x50'	BB	Y	1-I-14
1			1-G	Concrete Open Pit Ground BC6 CRF6	11x20'	N	N	1-I-14
3			1-E	Bombproof Ground P8,R8 SWB8	40'x50'	BB	Y	1-I-14
1	42	1-B		Underground Ground MC1 & MC2 (Casemate)	20'x40'	BB	Y	1-I-15
1			2-A	Manhole Ground M1 2	11'x11'	SB	N	1-I-15
1			10A	Cable Hut - Mine	4'x4'	N	M	1-I-15
1			1-C	Cable Hut - Mine	4'x4'	N	N	1-I-15
1	43	1-A		Splinterproof concrete Ground BC9 CRF9 Magazine P9	20'x20'	SB	N	1-I-16
					Existing	BB	Y	1-I-16
1			1-D	Splinterproof Concrete Ground BC10 CRF10	12'x24'	SB	N	1-I-16

NOTES: * For "location numbers" refer to Form #33 - "Summary of Land Procurement Recommended".
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H. D. of Narragansett Bay

INDEX AND SUMMARY

- By Location -

[illegible]

NOTES: * For "location numbers" refer to Form #33 - "Summary of Land Procurement Recommended".
 x Refer to Par. 13, Page 15, "NOTES ON TYPE HARBOR DEFENSE INSTALLATIONS" - OCCA for symbols and for protection required.

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H. D. of Narragansett Bay

INDEX AND SUMMARY

- By Location -

[illegible]

NOTES: * For "location numbers" refer to Form #33 - "Summary of Land Procurement Recommended".
 ✕ Refer to Par. 13, Page 15, "NOTES ON TYPE HARBOR DEFENSE INSTALLATIONS" - OCCA for symbols and for protection required.

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H. D. of Narragansett Bay

INDEX AND SUMMARY

- By Location -

Priority	Item No.	Location No.	Site No.	Type of Structure and Purpose	Approximate Size	Aerial Protection	Gas Proofing	Exhibition
1	47	1-C		Manhole Ground BC ₁₁	11'x11'	SB	N	3-I-16
		2-C		Manhole Ground BC ₁₂	11'x11'	SB	N	3-I-16
2	48	1-B		Cottage BC ₁₃	11'x11'	SB	N	3-I-17
1	49	1-A		Cottage Upper B ₂ ⁸ S ₂ ⁸	15'x20'	SB	N	3-I-18
				Lower B ₇ ⁵ S ₇ ⁵				
				Lower G-3				
1		1-B		Cottage	12'x15'	SB	N	3-I-18
				Roof AAIS				
				Upper B ₁₁ ⁵ S ₁₁ ⁵				
				Middle B ₁₂ ⁴ S ₁₂ ⁴				
				Middle C-2				
				Lower B ₁₃ ⁴ S ₁₃ ⁴				

NOTES: * For "location numbers" refer to Form #33 - "Summary of Land Procurement Recommended".
 x Refer to Par. 13, Page 15, "NOTES ON TYPE HARBOR DEFENSE INSTALLATIONS" - OCCA for symbols and for protection required.

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H. D. of Narragansett Bay

INDEX AND SUMMARY

- By Location -

Pri- ority	Item No.	Loca- tion No.	Site No.	Type of Structure and Purpose	Approx- imate Size	Aerial Protec- tion	Gas Proof	Exhi- bit
3		49	1-C	Cottage Ground B ⁵ S ⁵ 1 1	24'x12'	SB	N	3-I-18
				Ground B ⁵ S ⁵ 8 8				
				Bsmt PH				
1		50	1-A	Cable Terminal	---	N	N	1-I-23
1			1-B	Cottage Upper B ⁶ S ⁶ 1 1	12'x15'	SB	N	3-I-19
				Lower B ⁵ S ⁵ 12 12				
1			1-C	Underground Swb & PH	12'x15'	HSB	Y	3-I-19
1			1-D	Lighthouse Roof AAIS	12'x12'	SB	N	3-I-19
				Upper B ⁶ S ⁶ 8 8				
				Middle B ⁶ S ⁶ 11 11				
				Lower B ⁵ S ⁵ 13 13				

NOTES: * For "location numbers" refer to Form #33 - "Summary of Land Procurement Recommended".
 / Refer to Par. 13, Page 15, "NOTES ON TYPE HARBOR DEFENSE INSTALLATIONS" - OCCA for symbols and for protection required.

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H. D. of Narragansett Bay

INDEX AND SUMMARY

- By Location -

Priority	Item No.	Location No.	Site No.	Type of Structure and Purpose	Approximate Size	Aerial Photo	Gas Protection	Proof of Existence
1	50	1-E		Cottage Upper B ³ S ³ * 1 1	11'x11'	SB	N	3-I-19
				Lower B ² S ² 2 2				
3	57	1-A		Manhole Ground B ⁷ S ⁷ 8 8	11'x11'	SB	N	3-I-20
2		1-B		Manhole Ground B ⁶ S ⁶ 13 13	11'x11'	SB	N	3-I-20
2		1-C		Manhole Ground B ¹ S ¹ * 2 2	11'x11'	SB	N	3-I-20
1		1-D		Manhole Ground B ⁷ S ⁷ 11 11	11'x11'	SB	N	3-I-20
1		1-E		Manhole Ground B ⁶ S ⁶ 12 12	11'x11'	SB	N	3-I-20
1		2A		Manhole Ground B ² S ² * 1 1	11'x15'	SB	N	3-I-20

* HD of New Bedford

NOTES: * For "location numbers" refer to Form #33 - "Summary of Land Procurement Recommended".
ø Refer to Par. 13, Page 15, "NOTES ON TYPE HARBOR DEFENSE INSTALLATIONS" - OCCA for symbols and for protection required.

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H. D. of Narragansett Bay

INDEX AND SUMMARY

- By Location -

Pri- ority	Item No.	Loca- tion No.	Site No.	Type of Structure and Purpose	Approx- imate Size	Aerial Protec- tion	Gas Proof- ing	Exhi- bit
1	59	1-A		Manhole Ground B ⁸ S ⁸ 11 11	11'x11'	SB	N	3-I-21
1		2-A		Manhole Ground B ¹ S ¹ * 1 1	11'x11'	SB	N	3-I-21
4	60	1-A		Cottage Roof AAIS OP #12 Upper B ⁷ S ⁷ 1 1 Middle B ⁸ S ⁸ 8 8 Lower B ⁹ S ⁹ 2 2	20'x10'	SB	N	3-I-22
		2-A		Cottage Upper B ¹⁰ S ¹⁰ 2 2 Middle B ⁸ S ⁸ 1 1 ** Lower B ⁶ S ⁶ 3 3	10'x12'	SB	N	3-I-23
		3-A		Cottage Upper B ¹¹ S ¹¹ 2 2 Middle B ⁹ S ⁹ 1 1 Lower B ⁸ S ⁸ 8 8	10'x12'	SB	N	3-I-24
		3-B		Cottage Upper B ⁹ S ⁹ 11 11 Lower B ⁵ S ⁵ 9 9	10'x12'	SB	N	3-I-24
		4-A		Cottage ** Upper B ⁶ S ⁶ 2 2 Middle B ¹⁴ S ¹⁴ 12 12 Lower B ⁶ S ⁶ 3 3	20'x10'	SB	N	3-I-25

** This station for HD of Long Island Sound.
* HD of New Bedford

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Form #39

H. D. of Narragansett Bay

INDEX AND SUMMARY

- By Location -

[illegible]

NOTES: * For "location numbers" refer to Form #33 - "Summary of Land Procurement Recommended".
 ✗ Refer to Par. 13, Page 15, "NOTES ON TYPE HARBOR DEFENSE INSTALLATIONS" - OCCA for symbols and for protection required.

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