

ANNEXES
TO THE MODERN DEFENSES OF THE COAST OF MAINE
1891 – 1945

Compiled by
Joel W. Eastman

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ANNEXES
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1891-1945

Compiled by
Joel W. Eastman

Prepared for
Maine Historic Preservation Commission
Augusta, Maine

October 23, 1988

INTRODUCTION

The following annexes have been compiled to supplement the main report by providing maps of all of the sites and drawings and photographs of representative types of ordnance, batteries and structures. The maps come mainly from the 1938 and 1945 "Annexes to the Harbor Defense Project, Harbor Defenses of Portland." The battery and structure plans come from the records of the Corps of Engineers at the National Archives. The ordnance drawings and photographs come from a variety of publications of the departments of Army, Ordnance and War. The historic photographs of buildings come from the Quartermaster building record forms 117 in the possession of the South Portland-Cape Elizabeth Historic Society and the Cape Elizabeth Town Library. The contemporary photographs were taken by the author.

Sources Utilized

- Department of the Army. Artillery Material and Associated Equipment. Washington, D.C.: U.S. Government Printing Office, 1949.
- War Department, "Annexes to the Harbor Defense Project, Harbor Defenses of Portland, 1938.
- War Department, "Annexes to the Harbor Defense Project, Harbor Defenses of Portland," 1945.
- War Department, Coast Artillery Weapons and Material. Washington, D.C.: U.S. Government Printing Office, 1940.
- War Department, Fundamentals of Artillery Weapons. Washington, D.C.: U.S. Government Printing Office, 1947.
- U.S. Ordnance Department. Ordnance Document, various numbers. Washington, D.C.: U.S. Government Printing Office, various dates.

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Annex 1--MAPS OF FORTS, RESERVATIONS AND LOCATIONS

Endicott, Taft and Inter-War Periods, 1891-1938

Fort Baldwin, Kennebec River, 1920
Fort Foster, Gerrish Island, 1935
Fort Gorges, Diamond Island Ledge, 1935
Fort Levett, Cushing Island, 1935
Fort Lyon, Cow Island, 1935
Fort McKinley, Great Diamond Island, 1935
 D-1 North Fork
 D-2 Parade Ground
 D-3 North and South Forks
Fort Preble, Spring Point, 1935
Fort Scammel, House Island, 1935
Fort Williams, 1935
Jewells Island, 1935
Long Island, 1919
Peaks Island, 1935

World War II, 1939-1945

Location of Elements, Harbor Defenses of Portland, 1945
Location no. 148 Fort Foster
Location no. 149 Sisters Point
Location no. 150 Seal Head Point
Location no. 151 Cape Neddick
Location no. 152 Bald Head Cliff
Location no. 153 Moody Beach
Location no. 154 Gelaspus Point
Location no. 155 Cape Porpoise
Location no. 156 Fletchers Neck
Location no. 157 Prouts Neck
Location no. 158 Cape Elizabeth
Location no. 159 Trundy Point
Location no. 160 Fort Williams
Location no. 161 Fort Levett
Location no. 162 Fort Preble
Location no. 163 Peak Island
Location no. 164 Fort McKinley
Location no. 165 Fort Lyon
Location no. 166 Long Island
Location no. 166A Great Chebeague Island
Location no. 167 Jewell Island
Location no. 168 Bailey Island
Location no. 169 Small Point
Location no. 170 Fort Baldwin

EDITION OF JAN. 14, 1916.
 REVISIONS: DEC. 7, 1915; APRIL 10, 1920.

SERIAL NUMBER



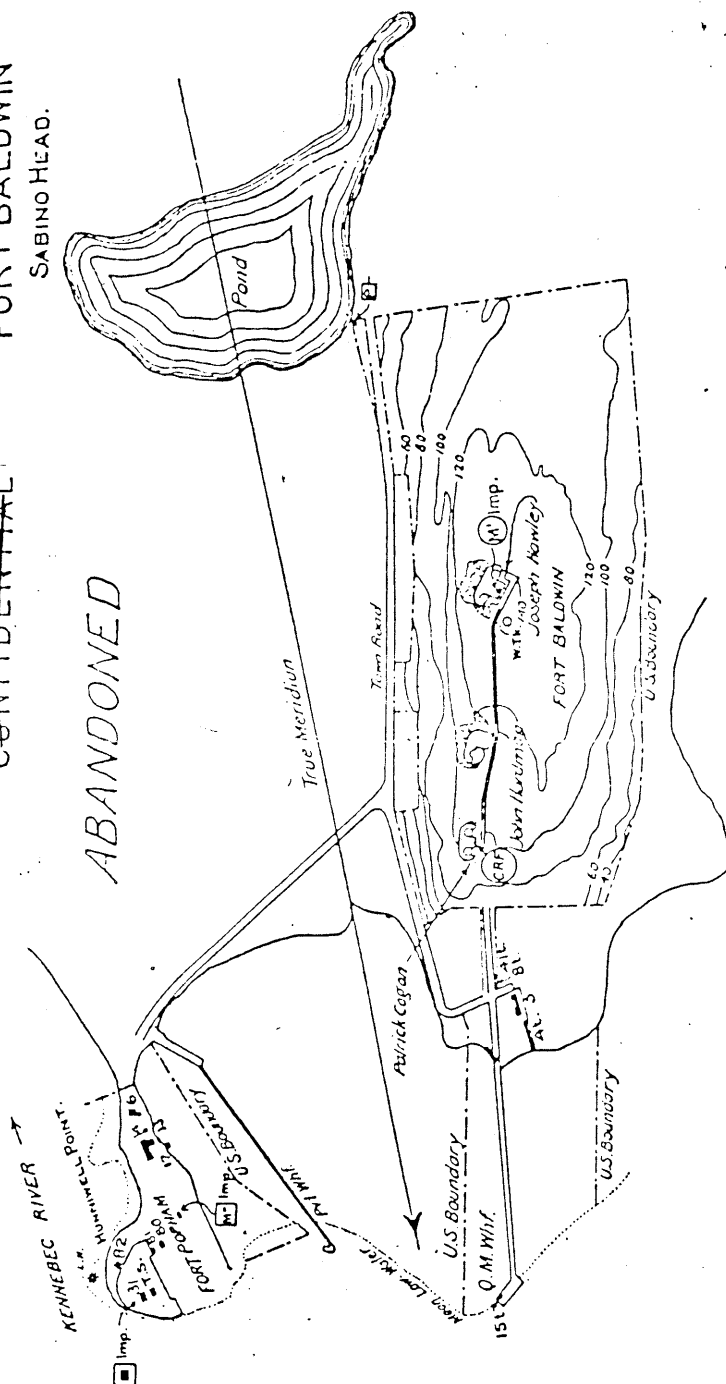
CONFIDENTIAL

KENNEBEC RIVER, ME.
 FORT BALDWIN
 SABINO HEAD.

ABANDONED

LEGEND.

- 3. OFFICERS QRS.
- 41. HOSPITAL.
- 6. N.C. OFFICERS QRS.
- 81. GUARD HOUSE.
- 12. BOAT HOUSE.
- 13. STABLE.
- 14. WOOD SHED.
- 151. STORE HOUSE.
- 31. ORDNANCE ST. HO.
- 41. HOISTER HOUSE AND CEMENT SHED.
- 80. LIGHT-KEEPER'S HO.
- 81. WOOD SHED.
- 82. OIL HOUSE.



PORTSMOUTH HARBOR, N.H. BATTERIES.
 BOHLEN.....3-10°D18
 CHAPIN.....2-3°P.
FORT FOSTER
 GERRISH ISLAND.



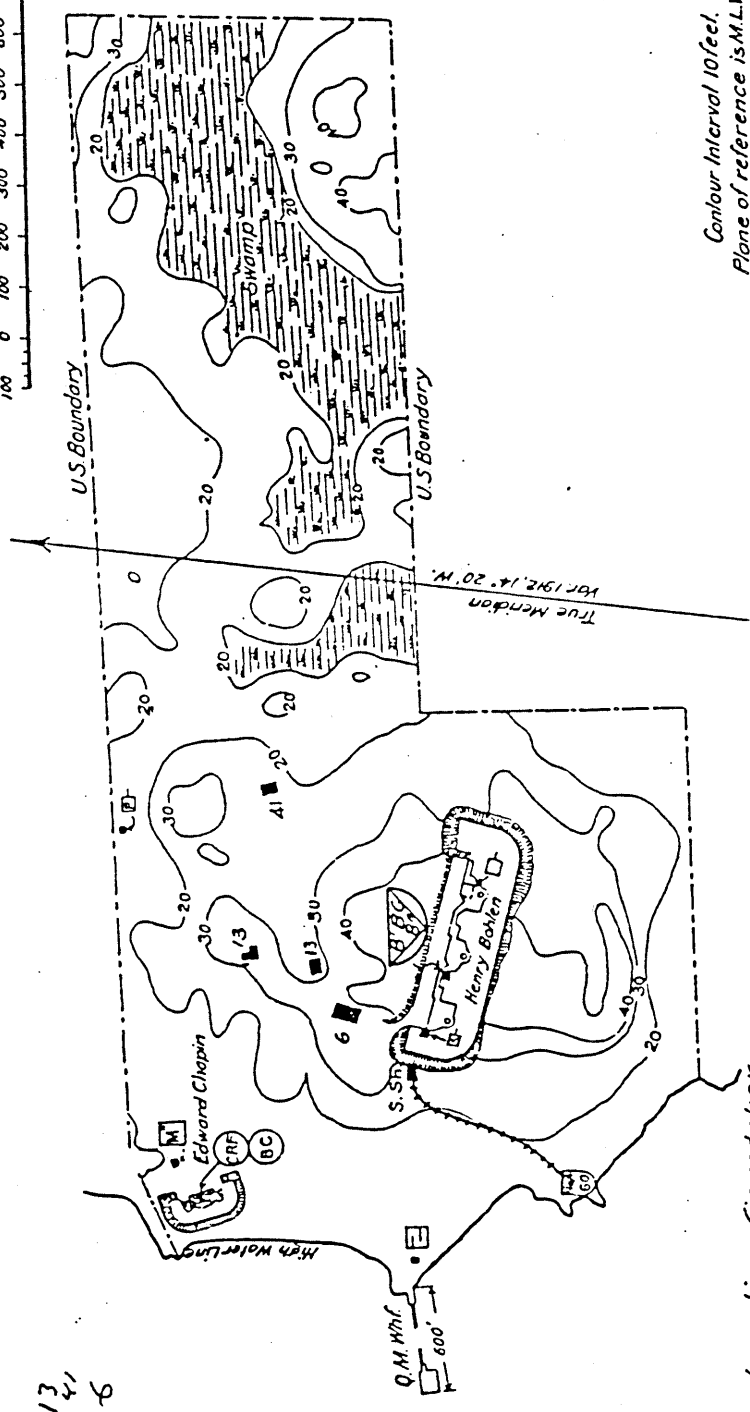
SERIAL NUMBER

EDITION OF JAN 14, 1915.
 REVISIONS: DEC. 7, 1915; MAR. 27, 1916;
 APRIL 10, 1920; FEB. 11, 1921.
 MAY 6, 1929, FEB. 12, 1935

LEGEND.

GRAGE 13
 ENGINEER ST. HO. 41
 WING OFFICERS QRS. 6

Scale of feet.
 100' 0 100' 200' 300' 400' 500' 600' 700'



Contour Interval 10 feet.
 Plane of reference is M.L.W.]

[In active - caretaker.

SECRET
188
Army
 Loc 148
Exhibit 107

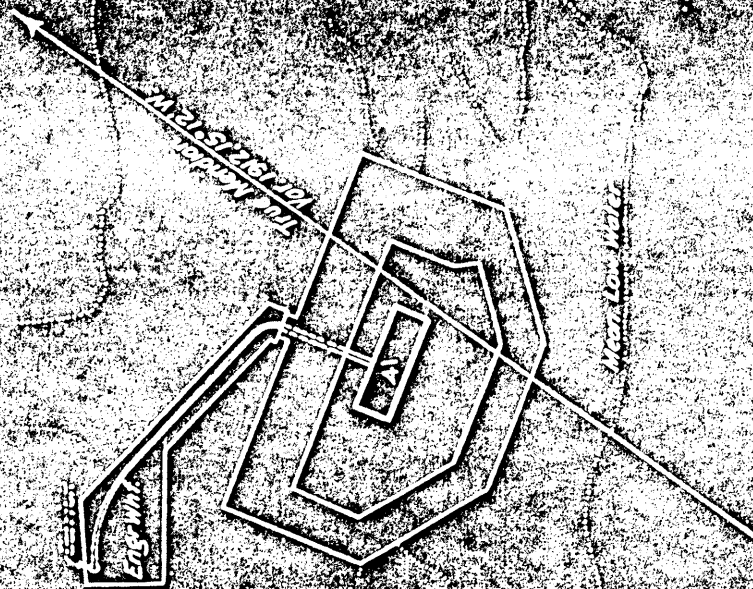
LEGEND
ENGINEER STHO

EDITION OF JAN 1915
REVISIONS, MAY 6 1925,
FEB 12 1938

SERIAL NUMBER

136

PORTLAND HARBOR, ME
FORT GORGES
DIAMOND ISLAND LEAGE



MADE BY - W. C. B. BAKER

LEGEND.

1 ADMINISTRATION BLDG.
2 COMMANDING OFFICERS QRS.
3 OFFICERS QUARTERS.
4 HOSPITAL.
5 HOSPITAL STW'D. ONS.
6 N.C.O. QUARTERS.
7 BARRACKS.

18 DORMITORY.
19 GUARD HOUSE.
20 COAL SHED.
21 WAGON SHED.
22 STABLE.
23 SHED.
24 OIL HOUSE.
25 BAKERY.

26 STOREHOUSE
27 CISTERN.
28 ORDNANCE ST. HO.
29 ENGINEER WELLS.
30 ENGINEER OFFICE.
31 FIRE STATION.

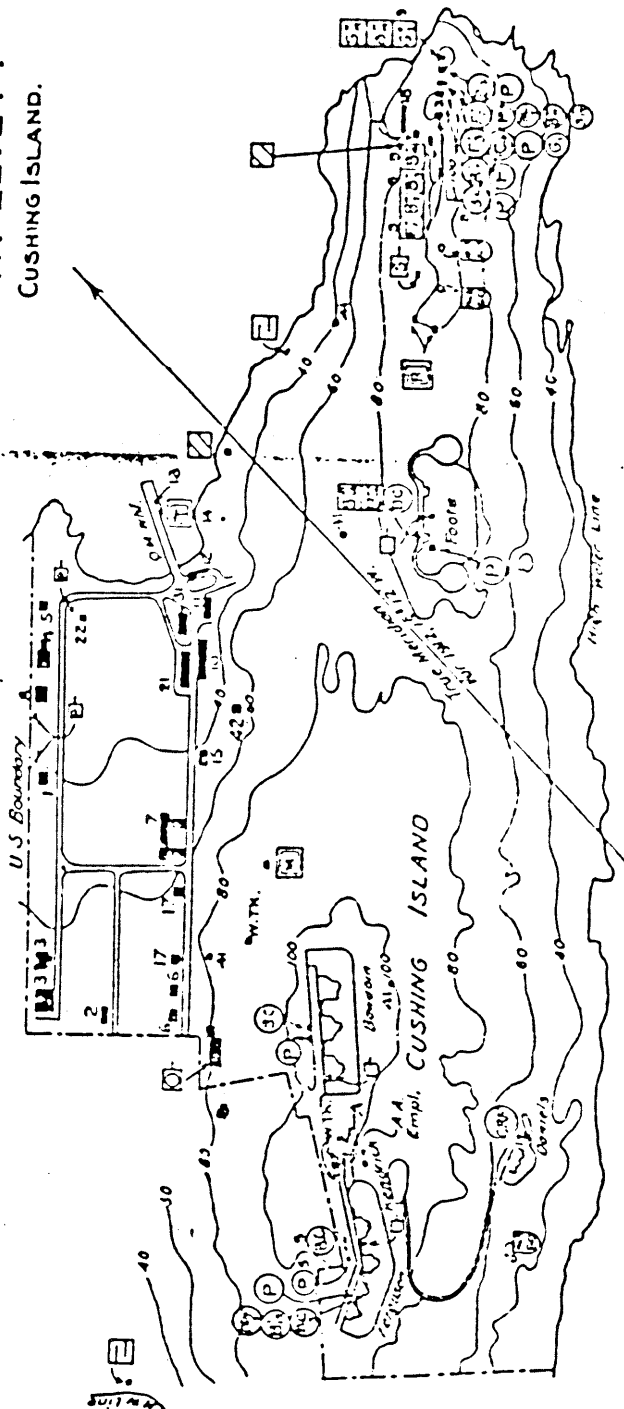
SERIAL NUMBER

PORTLAND HARBOR, ME.
FORT LEVETT
CUSHING ISLAND.

BATTERIES.
BOWDOIN...3-12'Dis
KENDRICK...2-10" -
FERGUSON...2-6" B.P.
DANIELS.....
FOOTE.....2-12 N.D.

A - A.A. Guns 2-3"
One Empl for A.A. Gun

□ or ○ denotes stations
made surplus by
new project.



Scale of feet
100 0 500 1000 1500
Contour Interval 20 feet.
The plane of reference is mean low water.

Inactive - caretakers

~~SECRET~~

Exhibit 7-A

LEGEND.
 6 N.C.O. QUARTERS
 10: WOOD SHED

EDITION OF JAN 14, 1915.
 REVISIONS: DEC 7 1915 MAR 27 1916
 APRIL 10 1920 FEB 11 1921 JAN 23 1923
 AUG. 17, 1929, FEB. 12, 1935.

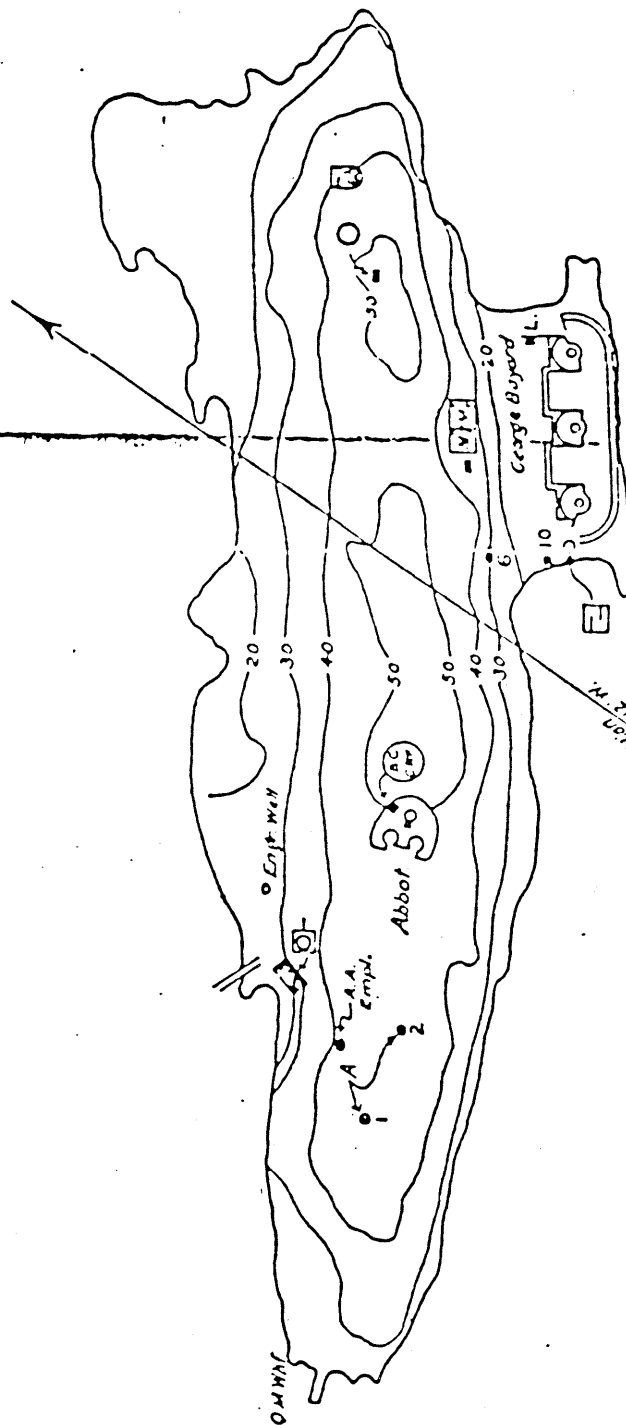
SERIAL NUMBER



PORTLAND HARBOR, ME.
 FORT LYON
 COW ISLAND

BATTERIES.
 BAYARD-----
 ABBOT-----3-3 P.

A. - A.A. Guns 2-3°
 One empl for A.A. Gun



Scale of feet
 100 0 100 200 300 400 500
 hundred

Contour interval 10 feet.
 The plane of reference is M.L.W.

Inactive-Caretaker.

SECRET

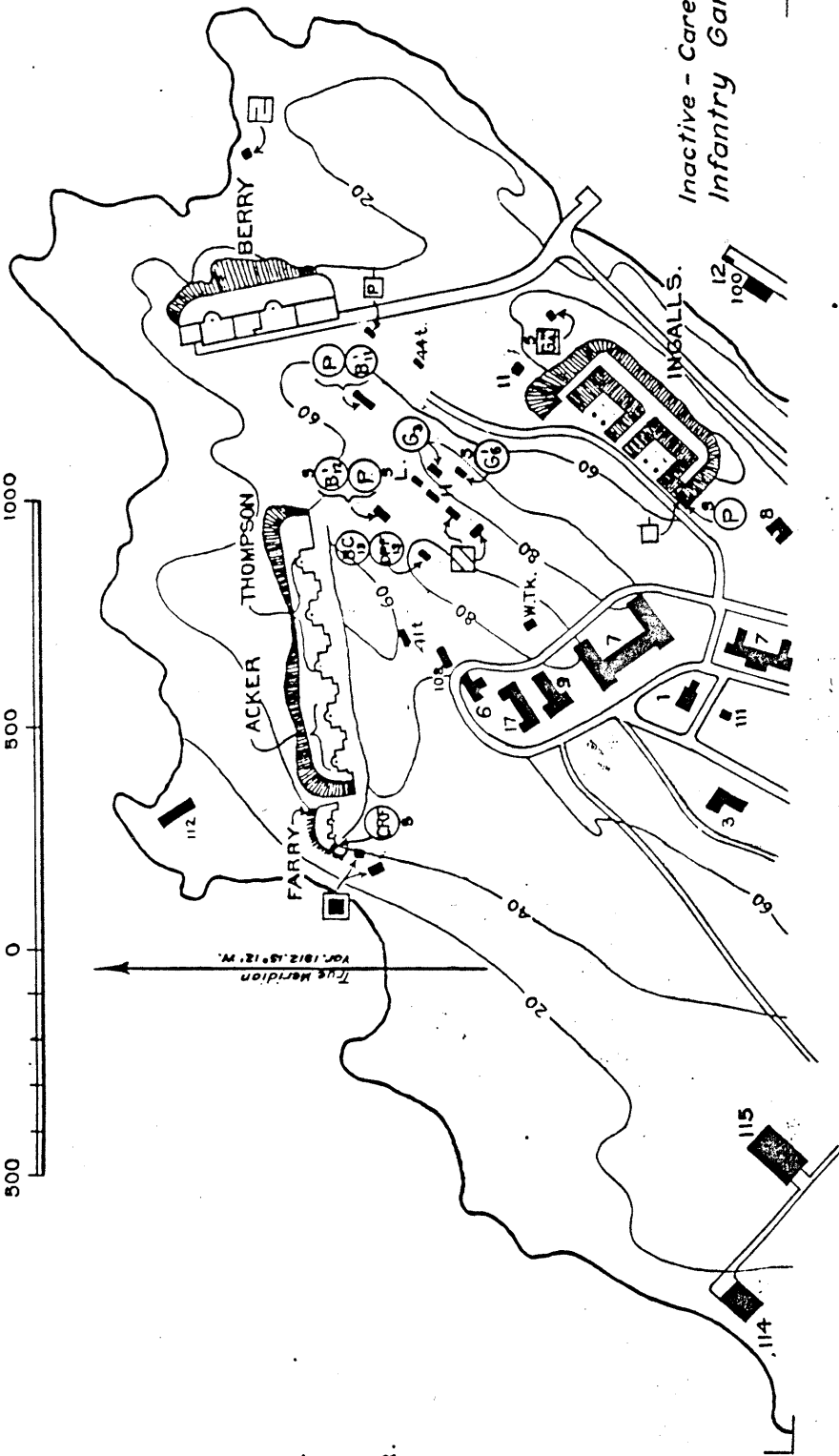
Exhibit 5-A

BATTERIES.

NORTH FORK.

INGALLS.....4-12" M
BERRY.....2-12" DI
THOMPSON.....3-8" "
ACKER.....2-6" "
FARRY.....

12 HOI3TER HOUSE.



Inactive - Caretakers
Infantry Garrison

Superseded:- by new tracing with
662 B (122 C.A.) 10

LEGEND

- 1 ADMINISTRATION BLDG.
- 2 COMMANDING OFF QRS.
- 3 OFFICERS QUARTERS.
- 4 HOSPITAL.
- 5 110 SPITAL STWC'S QRS.
- 6 NCO QUARTERS.
- 7 BARRACKS.
- 8 GUARD HOUSE.
- 9 ARTILLERY ENGR. & ST. HO.
- 10 HELPERVUR.
- 11 WELL & SHELTER.
- 12 FIREMAN'S QRS.
- 13 CIV. EMPLOYEES QRS.
- 14 WORK SHOP.
- 15 WAGON SHED.
- 16 STABLE.
- 17 OIL HOUSE.
- 18 ICE HOUSE.
- 19 TEAMSTER'S QRS.
- 20 FIRE STATION.
- 21 BAND STAND.
- 22 BAKERY.
- 23 O.M. STOREHOUSE.
- 24 ORDNANCE ST. HO.
- 25 GAS GENERATOR.
- 26 BALLOON HANGAR.
- 27 GARAGE & ST. HO.
- 28 OFFICERS CLUB.
- 29 POST CHAPEL.
- 30 RECREATION BLDG.
- 31 C.M.T.C. MESS *36
- 32 *36 WIN *34
- 33 SCHOOL *78
- 34 *44

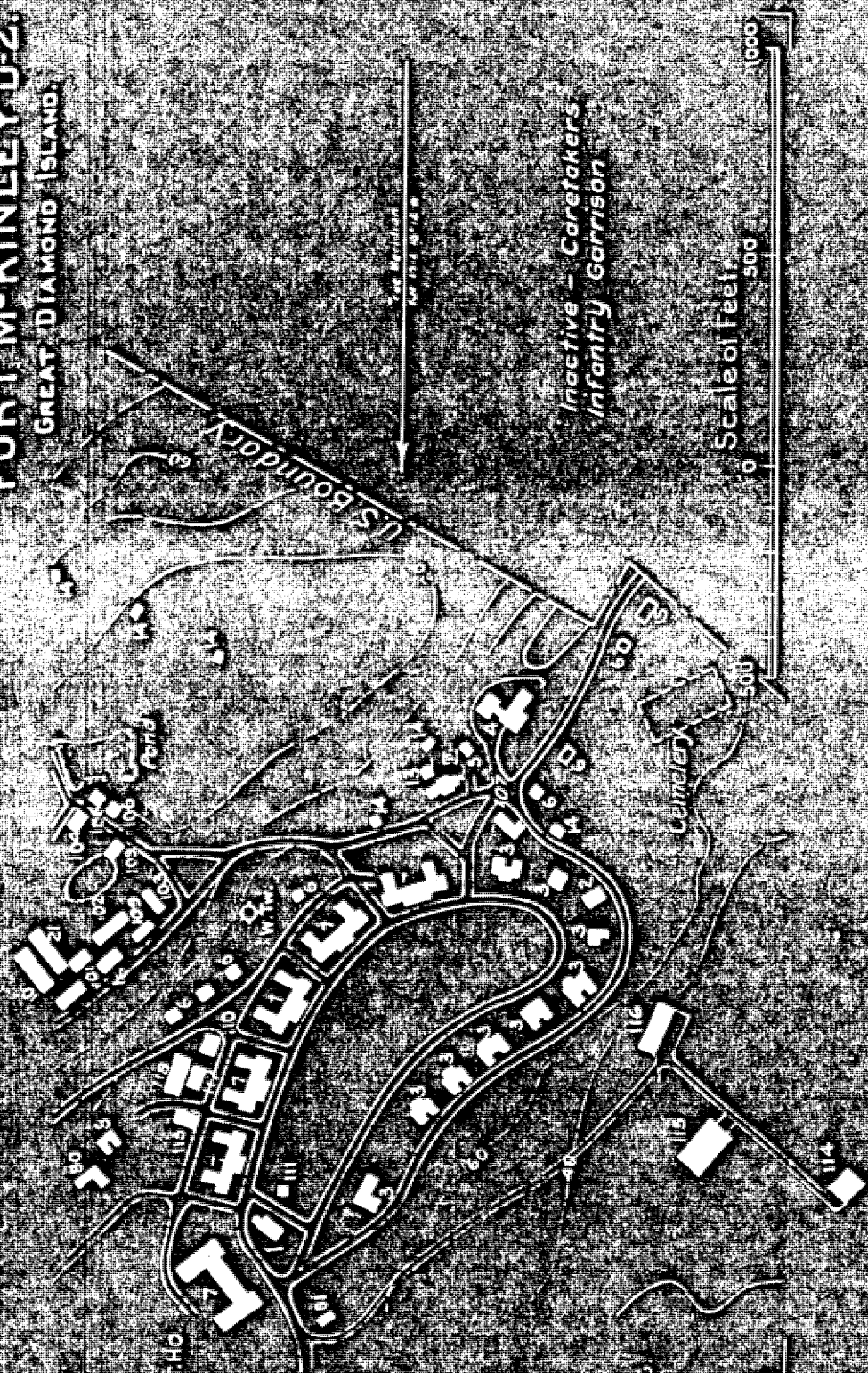
EDITION OF OCTOBER 20, 1919.
REVISIONS: APRIL 10, 1920; JAN. 29, 1925;
MAY 6, 1927; FEB. 12, 1935.

SERIAL NUMBER

136

PORTLAND HARBOR, MAINE.

FORT MCKINLEY D-2. GREAT DIAMOND ISLAND.

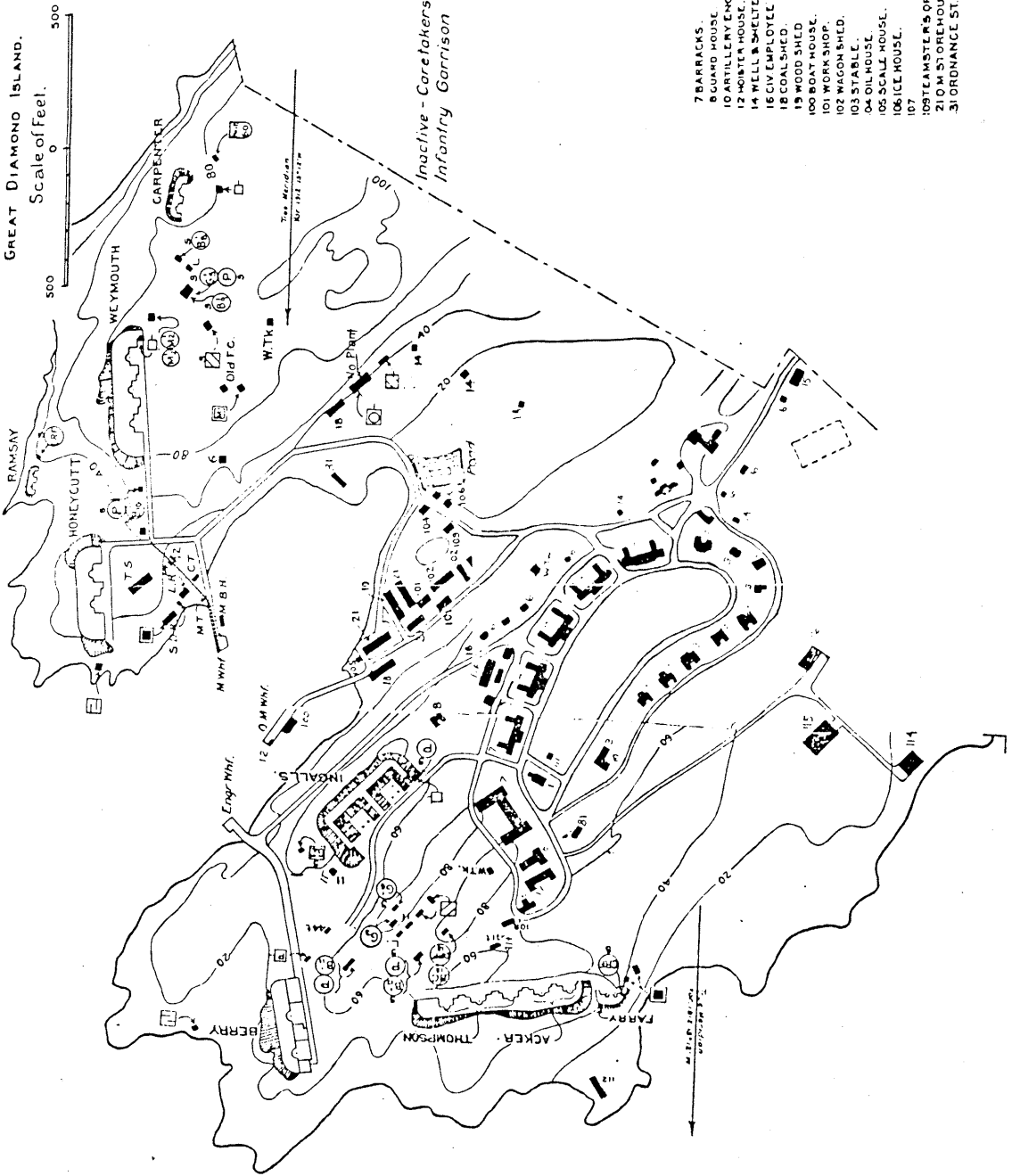


EDITION OF OCTOBER 20, 1919.
REVISIONS: APRIL 10, 1920; FEB. 1, 1921;
JAN. 29, 1925; MAY 6, 1929; FEB. 12, 1935

SERIAL NUMBER

PORTLAND HARBOR, MAINE.
FORT MCKINLEY D-3.
GREAT DIAMOND ISLAND.

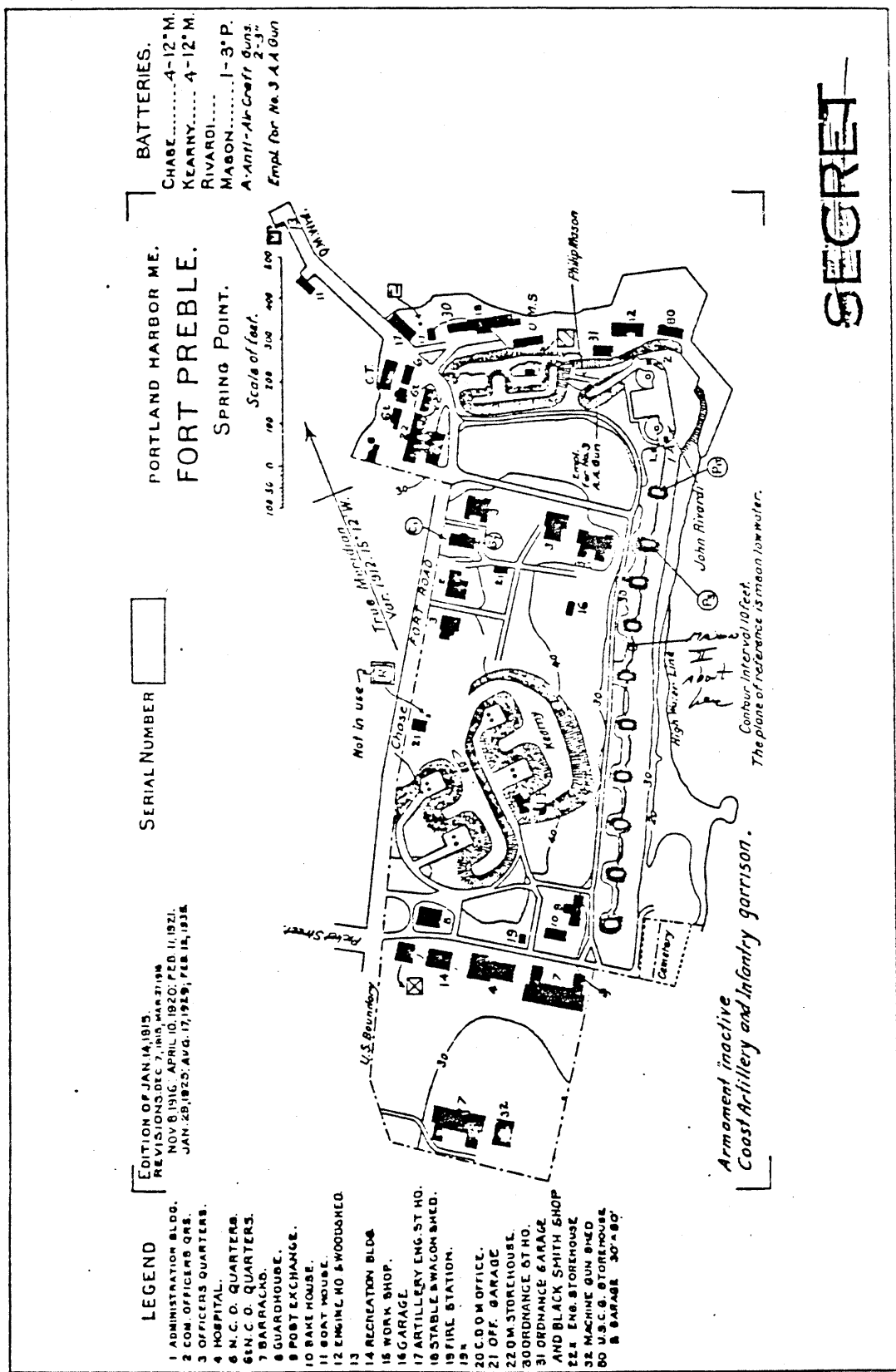
Scale of feet.
0 500 500



- LEGEND**
- 1 ADMINISTRATION BLDG.
 - 2 OFFICERS QUARTERS.
 - 3 EN C.O. QRS.
 - 4 BARRACKS
 - 5 GUANO HOUSE.
 - 6 POST EXCHANGE.
 - 7 BOWLING ALLEY.
 - 8 BOAT HOUSE.
 - 9 SAW MILL.
 - 10 BAND STAND.
 - 11 TARGET PITS.
 - 12 TEMP. ENG. ST. HO.
 - 13
 - 14 TEMP. BLK. SMITH. SHOP.
 - 15
 - 16 DORMITORY.
 - 17 GAS GENERATOR.
 - 18 BALLOON HANGAR.
 - 19
 - 20 HOISTER HOUSE.

- 21 ADMINISTRATION BLDG.
- 22 COMMANDING OFF. QRS.
- 23 OFFICERS QUARTERS.
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- 25 CENTRAL ST. W. QRS.
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- 7 BARRACKS.
- 8 GUANO HOUSE.
- 9 ARTILLERY ENGR.
- 10 WINTER HOUSE.
- 11 WELL & SHELTER.
- 12 CIV. EMPLOYEES QRS.
- 13 WOOD SHED.
- 14 BOAT HOUSE.
- 15 WORK SHOP.
- 16 WAGON SHED.
- 17 STABLE.
- 18 OIL HOUSE.
- 19 TEAMSTER'S QRS.
- 20 STOREHOUSE.
- 21 ORDNANCE ST. HO.



SECRET

Exhibit 9-A

LEGEND

WELL SHELTER (TEMP)

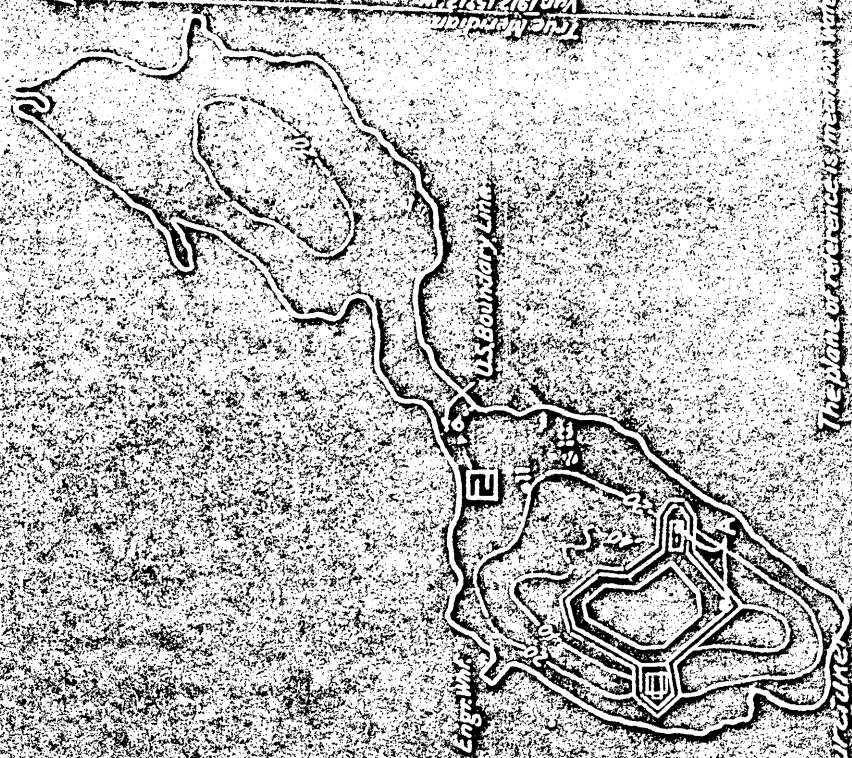
EDITION OF JAN. 12, 1915
REVISIONS: MAR. 2, 1916;
MAY 6, 1929; FEB. 12, 1935

SERIAL NUMBER

136

PORTLAND HARBOR, ME.
FORT SCAMMEL
HOUSE ISLAND

A-3 Anti-Air Craft Gun
(Bases Only)



Scale of feet
0 500 1000

Contour Interval 20 feet

The plan of reference is mean low water

Machine - No concure

EDITION OF JAN 14, 1915.
REVISIONS: DEC 7, 1918; MAR 27, 1919;
APRIL 10, 1920; FEB 11, 1921. JAN 28, 1923
AUG. 17, 1929; FEB. 12, 1935.

SERIAL NUMBER

PORTLAND HARBORME,

FORT WILLIAMS

PORTLAND HEAD.

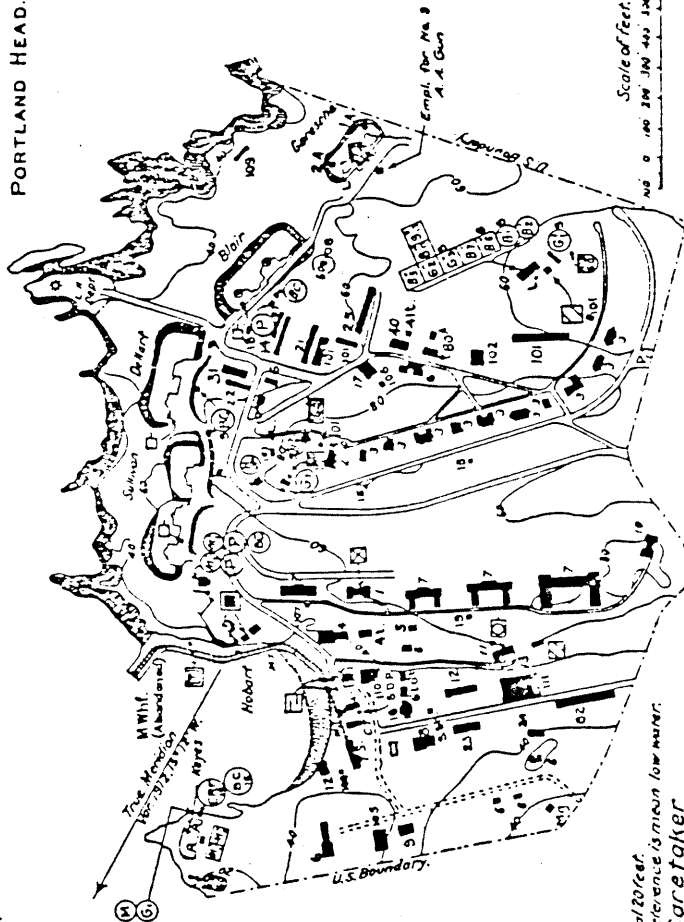
BATTERIES.

BLAIR.....2-12" DIB.
DEHART.....2-10" -
SULLIVAN.....3-10" -
GARESCHKE.....2-6" 2/3
HOBART.....1-4.75
KEYES.....2-3" P.
A-Anti Air Craft Guns 23"
One empl. for No. 3 A.A. Gun

60 MILITIA BT. NO.

81 NO RECREATION BLDG
6 IN C.O. QUARTERS.
NI BALLOON HANGER
112 GARAGE 1ST HO..
02 CCC GARAGE 009
192 = 25.
03 CCC STOREHOUSE
20' x 100.

2 or 3 denotes stations made surplus by new project.



Contour Interval 20 feet.
The point of reference is mean low water.
Inactive - Caretaker
Infantry garrison.

Scale of feet.

000' 0 100' 200' 300' 400' 500' 600' 700' 800'

உயர்வு

Exhibit 11.A

THE UNIVERSITY OF CHICAGO

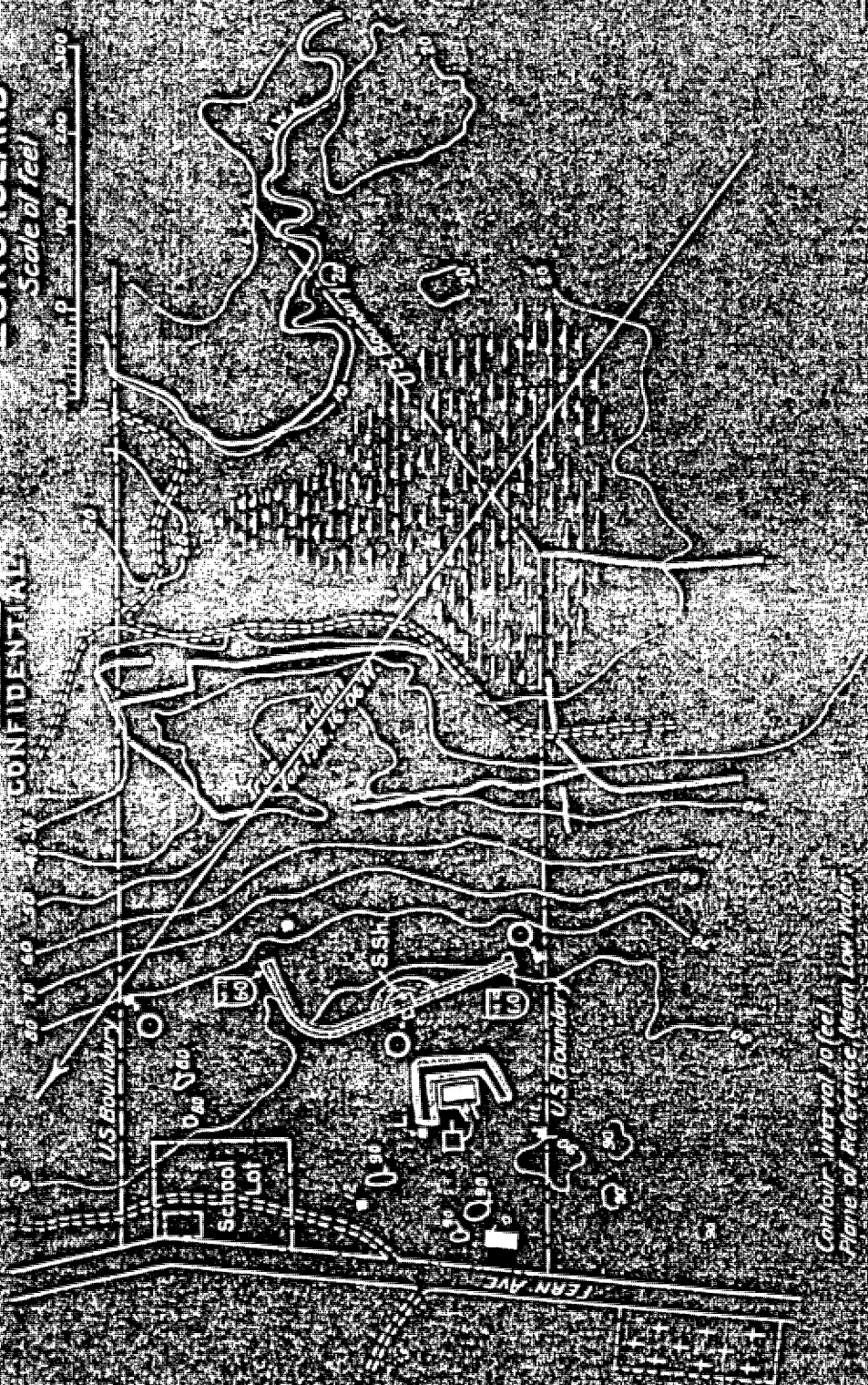
LEGEND
 (O) DORMITORY
 (H) STABLE
 (W) WELL HOUSE

EDITION OF OCTOBER 20, 1919

SERIAL NUMBER

CONFIDENTIAL

PORTLAND HARBOR, MAINE
 LONG ISLAND
 Scale of feet



LEGEND

EDITION OF JAN. 1918
REVISIONS: FEB. 11, 1921; JAN. 29, 1925;
MAY 6, 1926; FEB. 12, 1935

SERIAL NUMBER 136

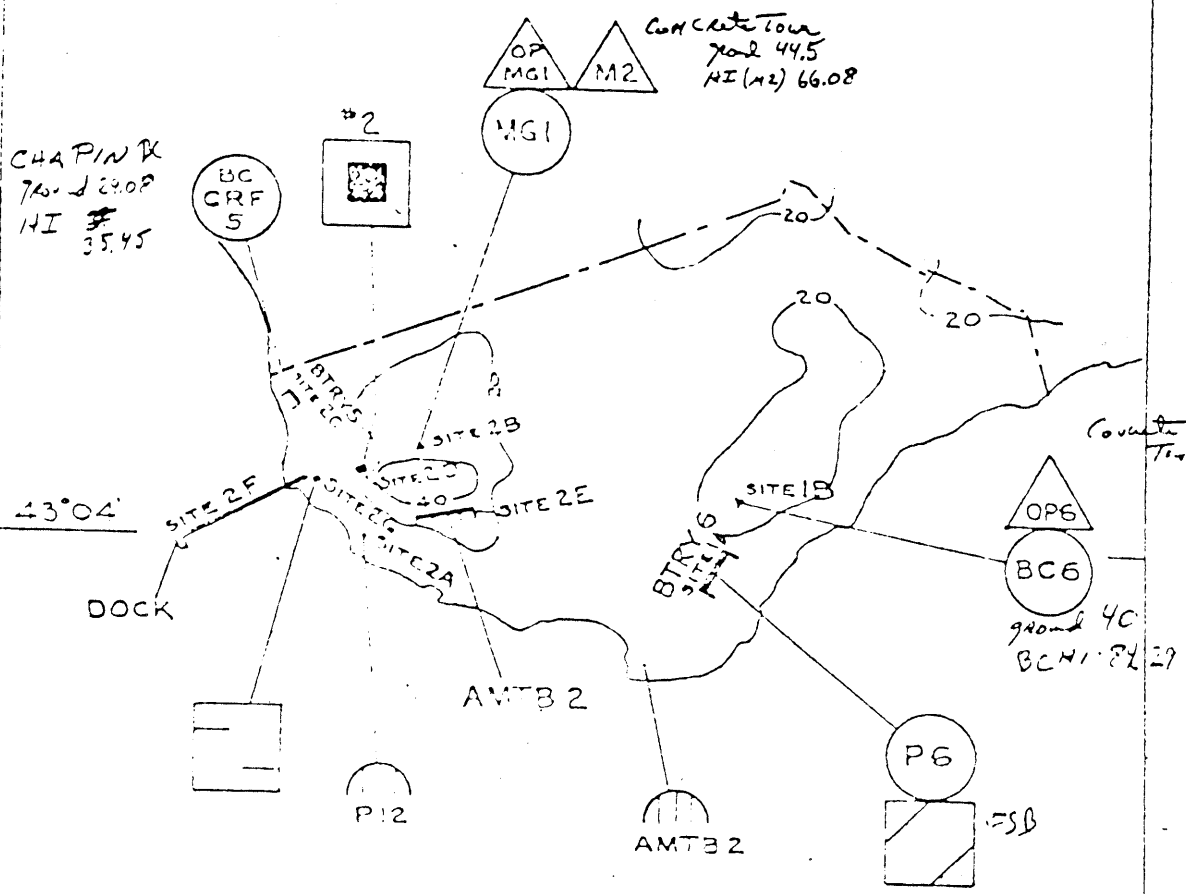
PORTLAND HARBOR, MAINE
PEAKS ISLAND

Scale of Feet
0 100 200 300 400 500 600 700 800 900 1000

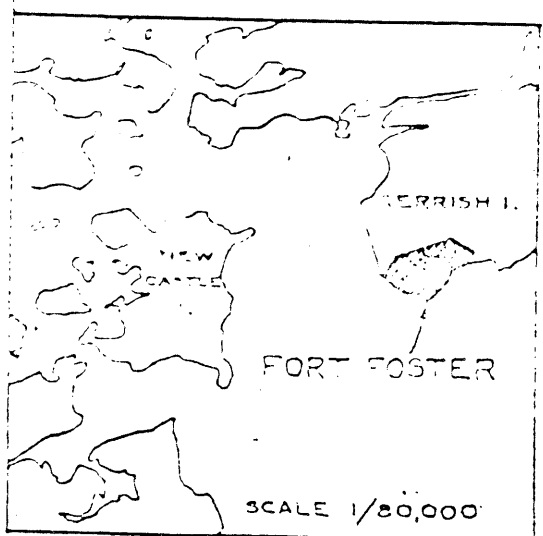
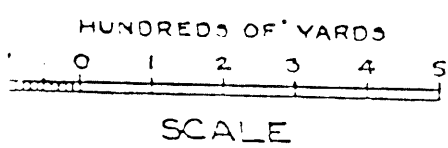


Inactive - No Caretaker

Contours Interval 10 feet
Point of Reference: Mean Low Water

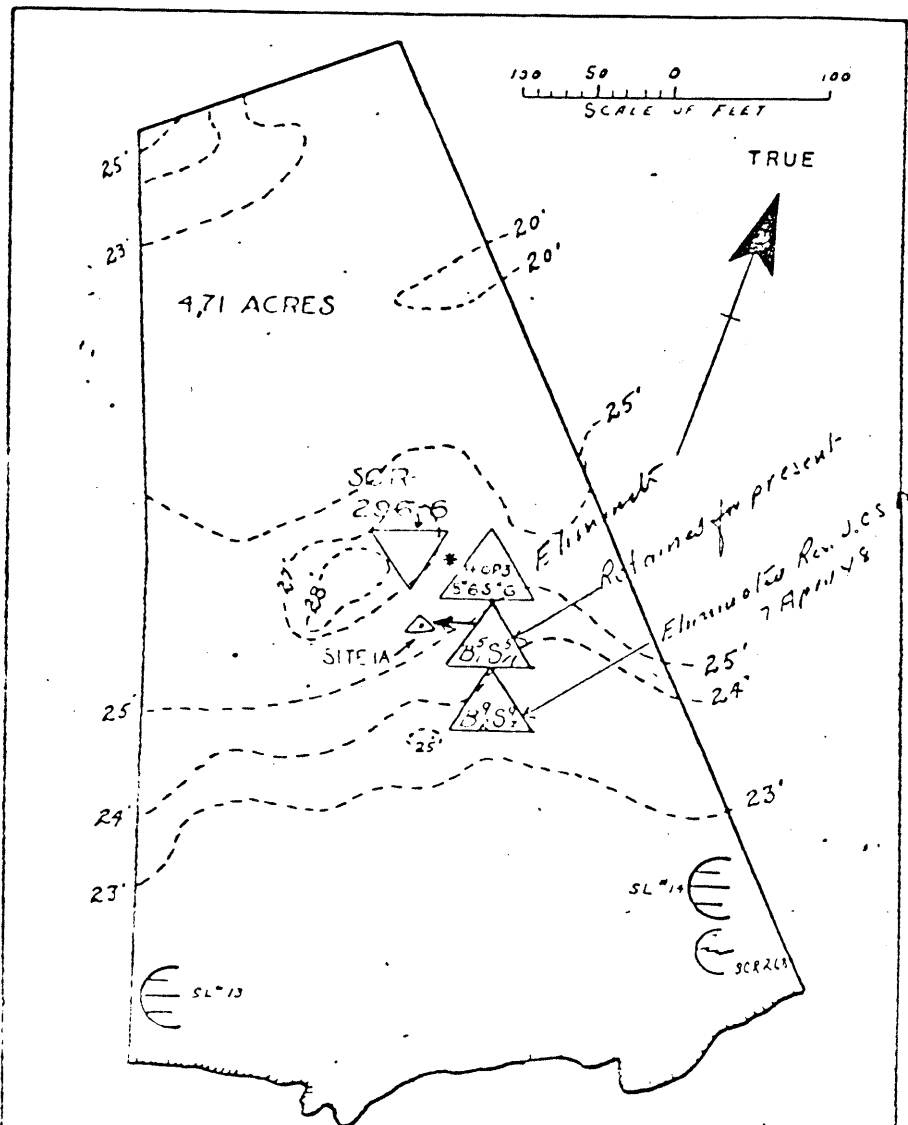


TRUE NORTH

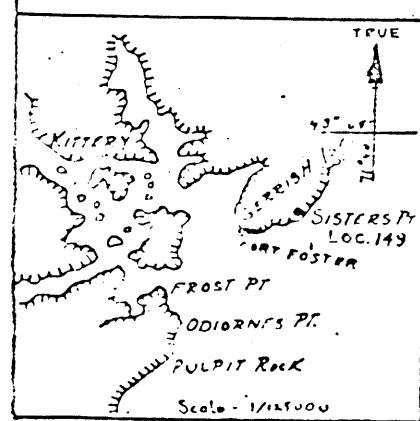


SECRET

H.D. OF PORTSMOUTH		
LOCATION '49		
FORT FOSTER		
PREPARED BY	DATE 1-1-43	REVISED
H.D. OF PORTSMOUTH	EX. NO.	DATE
	9-3-15	
SCALE 1/10,000		



* H-OP 3 COMBINED WITH B₆⁴ S₆⁴, NO ADDITIONAL COMMUNICATIONS REQUIRED.

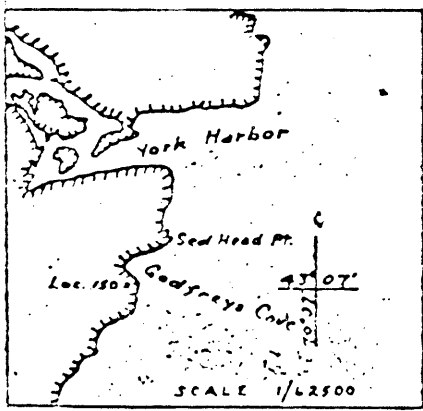
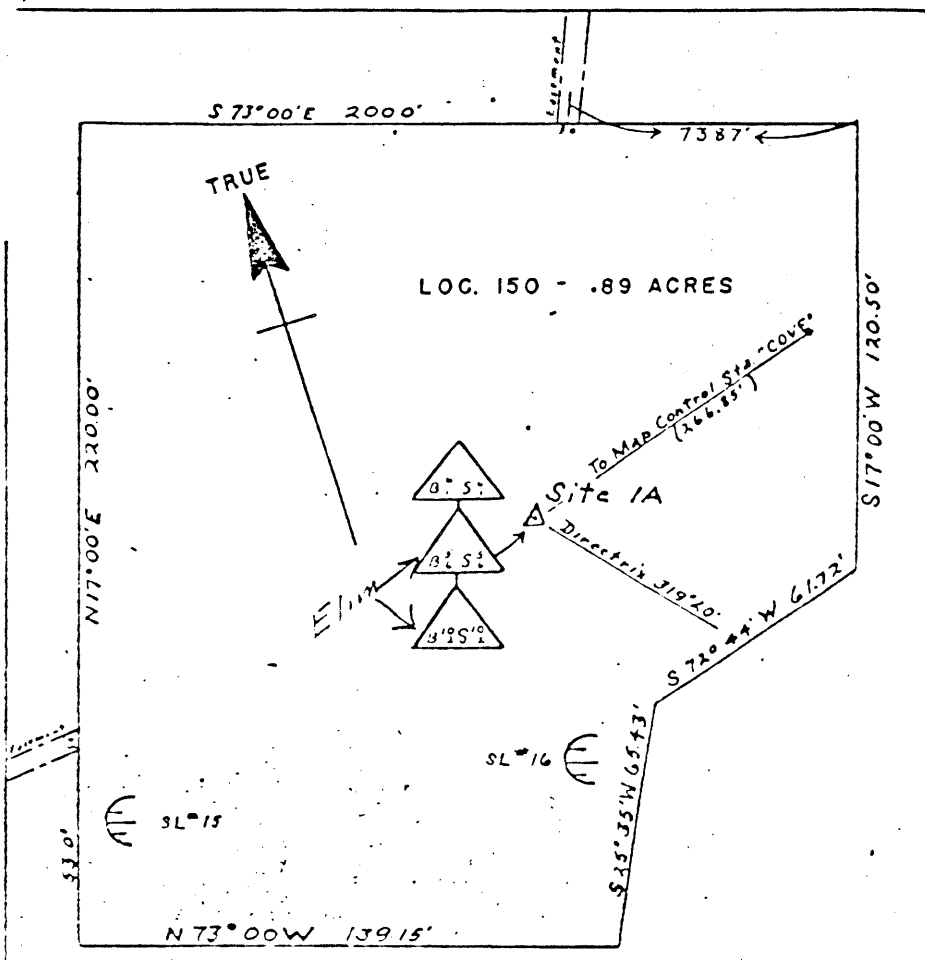


SECRET

HD OF PORTSMOUTH LOC. 149 SISTERS POINT		
PREPARED BY	DATE 7-1-43	REVISED DATE
HD OF PORTSMOUTH	EXH. NO. 9B-16	1-4-45
SCALE - 1" = 100'		

LOC. 150
SEAL HEAD PT.

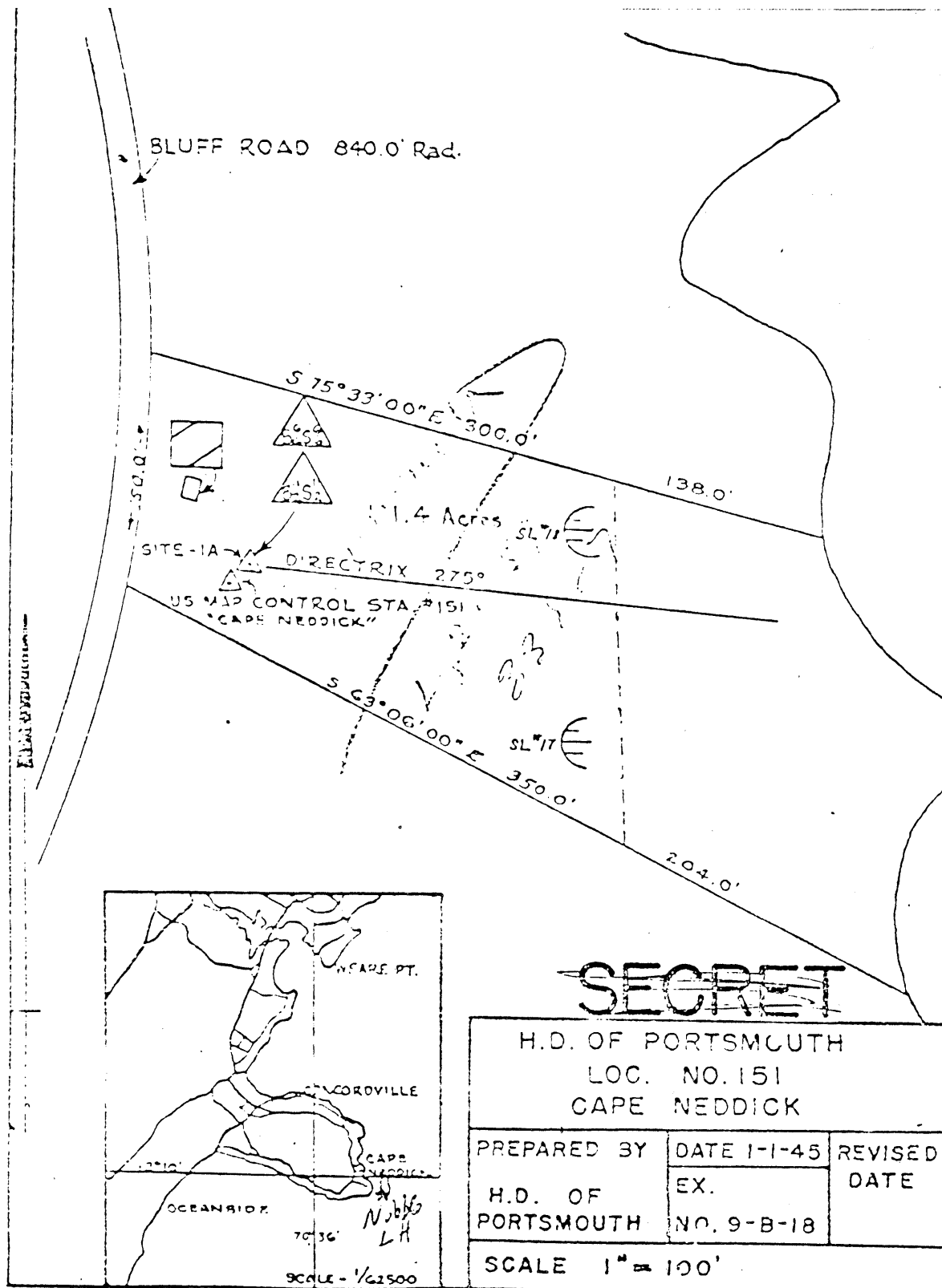
B	10	S	10
B	2	S	2
B	5	S	6
B	1	S	1
B	5	S	5
B	5	S	5
SLS 15, 16			



SECRET

H D OF PORTSMOUTH
LOC. 150
SEAL HEAD POINT

PREPARED BY	DATE 1-1-45	REVISED
H D OF PORTSMOUTH	EXHIBIT NO. 9-B-17	DATE
SCALE - 1" = 40'		



S'EASEMENT FOR SEWER

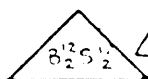
TRUE

DUE EAST - 135.0'

DUE NORTH - 110.0'

0.37 ACRES

DUE SOUTH 110.0'



△ SITE 1A 27005° DIRECTLY

SL 19

WOOD
LOOKOUT
TOWER

DUE WEST - 135.0'

RIGHT OF WAY 20' WIDE

*Coordinate taken
Jan 73
San HI 77.70*

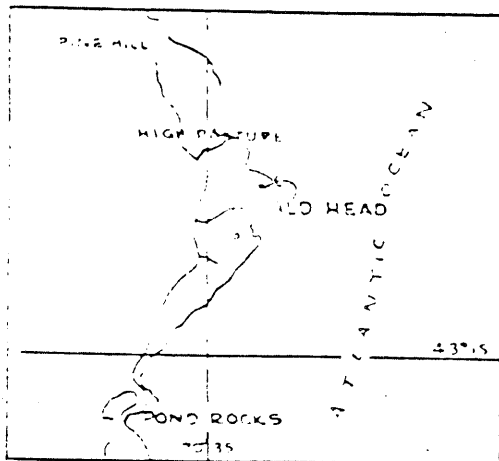


US MAP CONTROL DISK
"52" BALD HEAD CLIFF

CLIFF HOUSE HOTEL

LOC. 152
BALD HEAD CLIFF

B12	S12
B2	S2
SL 19	



SECRET

H D OF PORTSMOUTH
LOC. 152
BALD HEAD CLIFF

PREPARED BY DATE 1-1-45

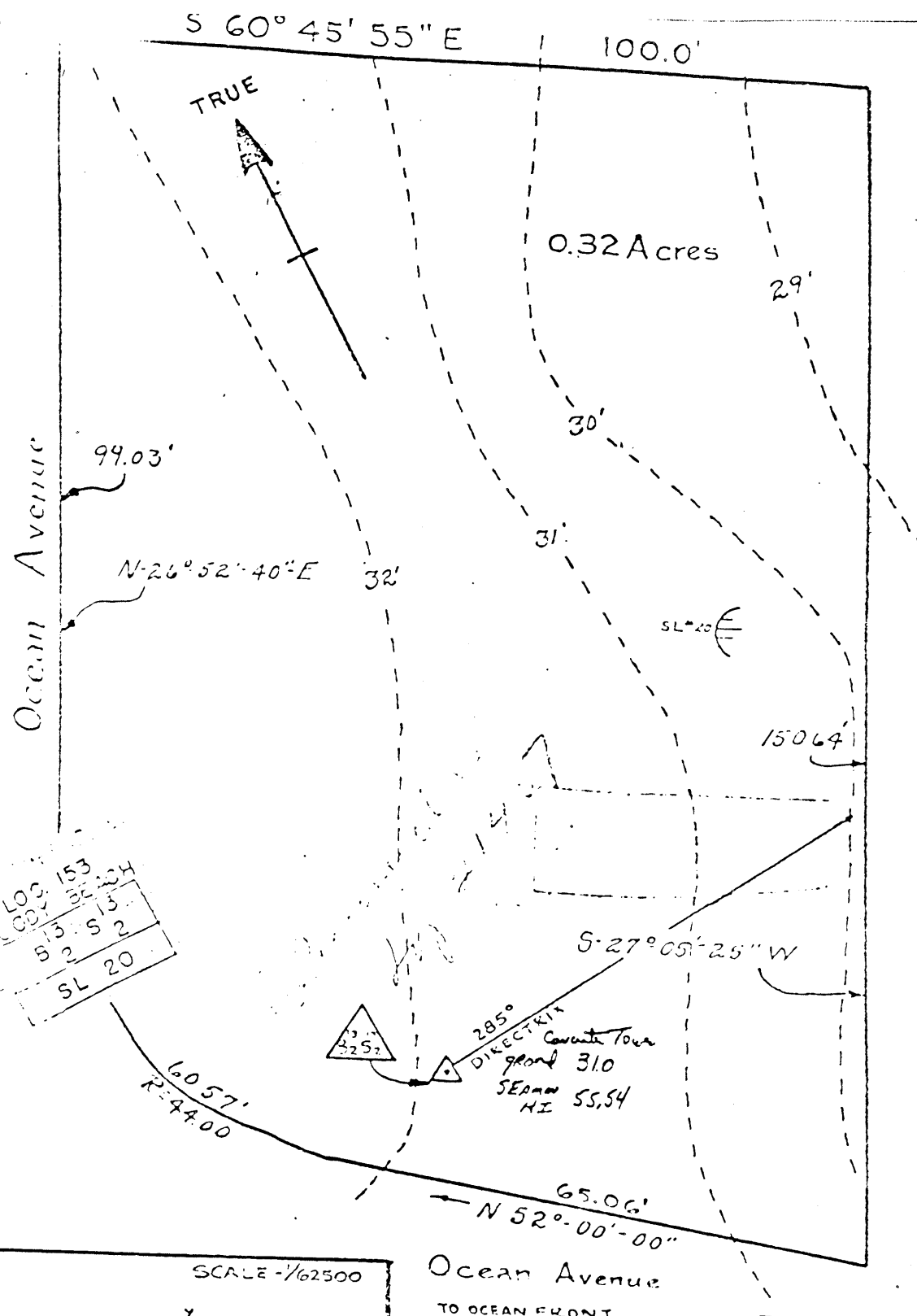
H D OF
PORTSMOUTH

EX

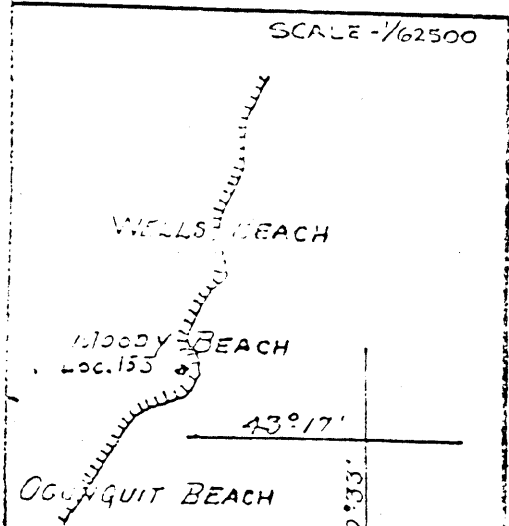
NO 98-19

REVISED
DATE

SCALE - 1" = 40'



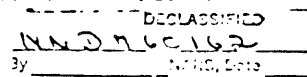
LOC. 153
MOODY BEACH
B 2 S 2
SL 20



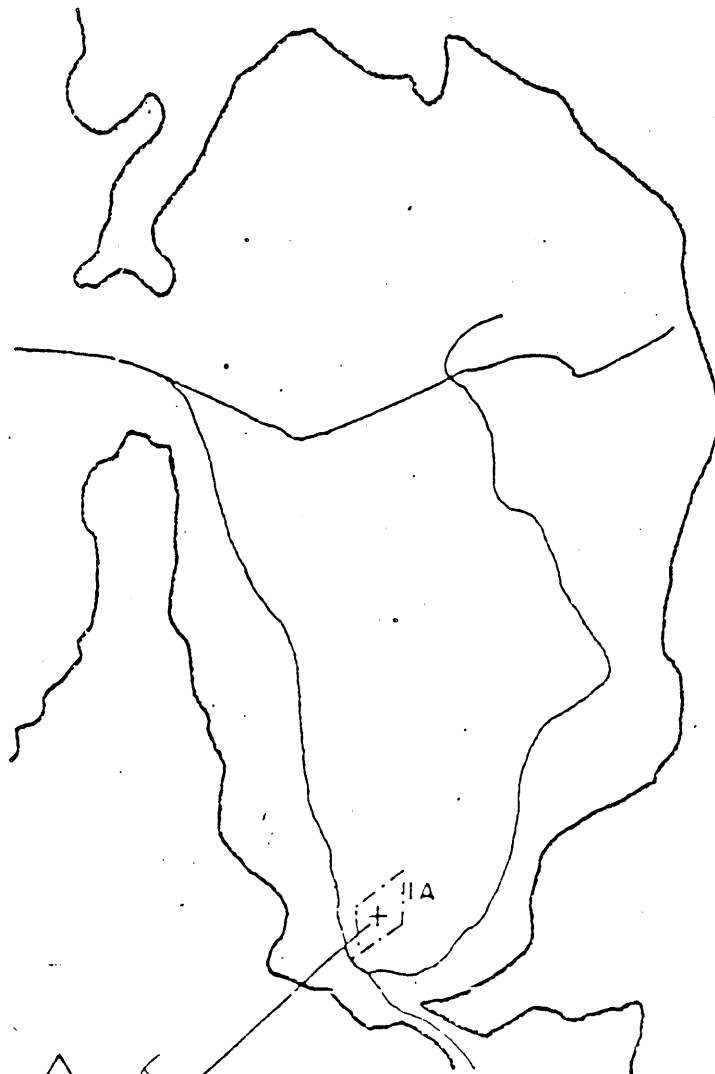
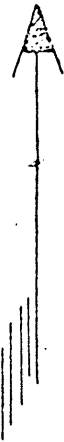
Ocean Avenue
TO OCEAN FRONT

SECRET

H. D. OF PORTSMOUTH LOC. 153 MOODY BEACH		
PREPARED BY	DATE 7-1-43	REVISED
H. D. OF PORTSMOUTH	EX. NO. 9-B-20	DATE 1-1-45



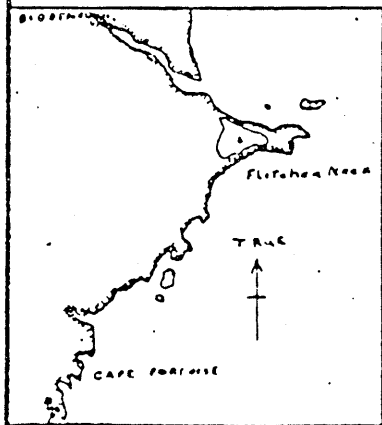
TRUE



cut



MILITARY RESERVATION
BOUNDARY LINE



~~SECRET~~

H.D. OF PORTLAND
LOC. NO. 155

CAPE PORPOISE

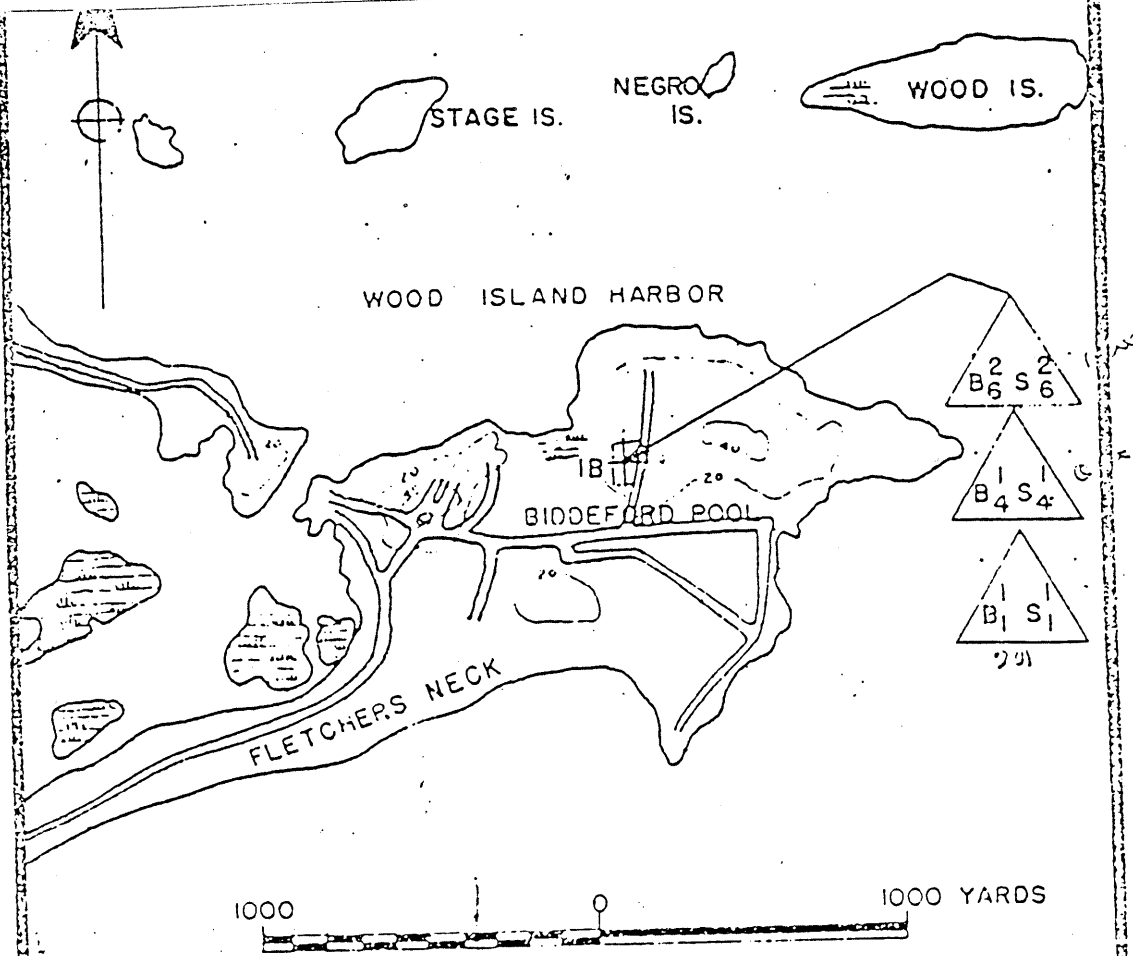
FIRE CONTROL INSTALLATIONS

PREPARED BY
HARBOR DEFENSES
OF PORTLAND

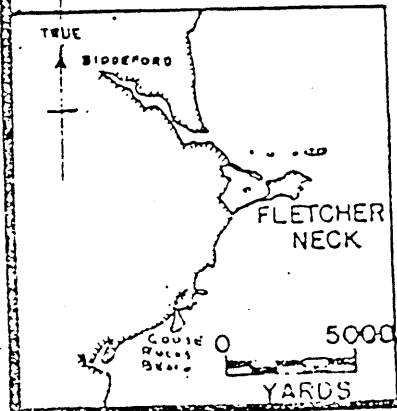
DATE 4-11-45

EX. NO. 95

REV'D
DATE

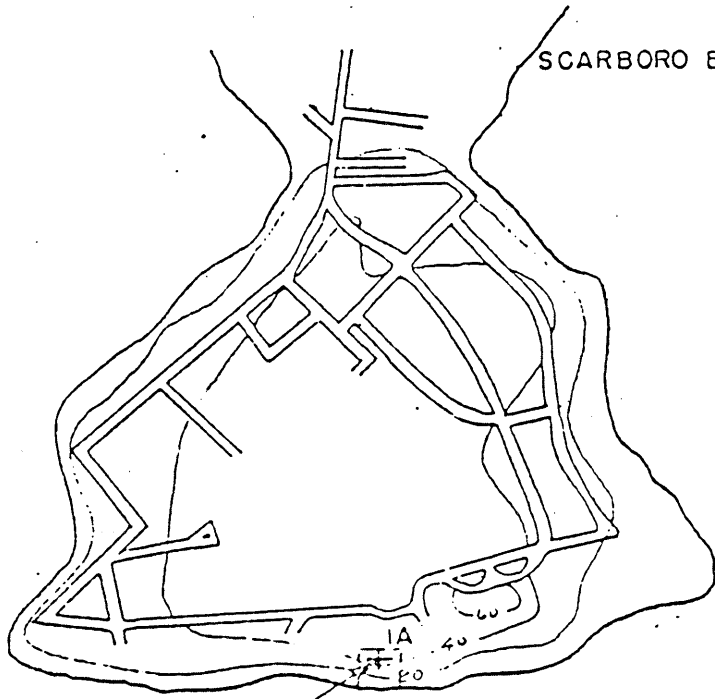


MILITARY RESERVATION
BOUNDARY LINE

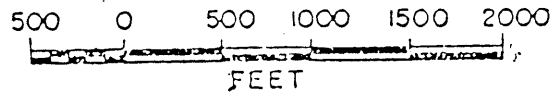
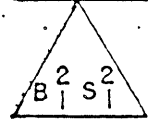
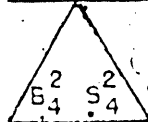
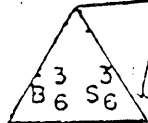


~~SECRET~~

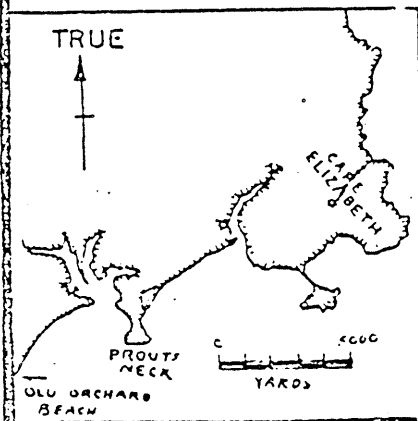
H.D. OF PORTLAND		REV'D DATE
LOC. NO. 156-FLETCHERSNECK		
FIRE CONTROL INSTALLATIONS		
PREPARED BY HARBOR DEFENSES OF PORTLAND	DATE 4-11-45	EX. NO 98-1



SCARBORO BEACH

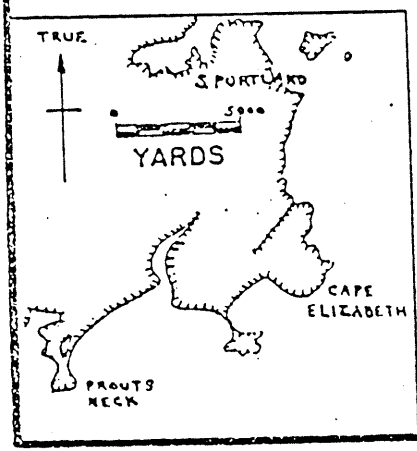
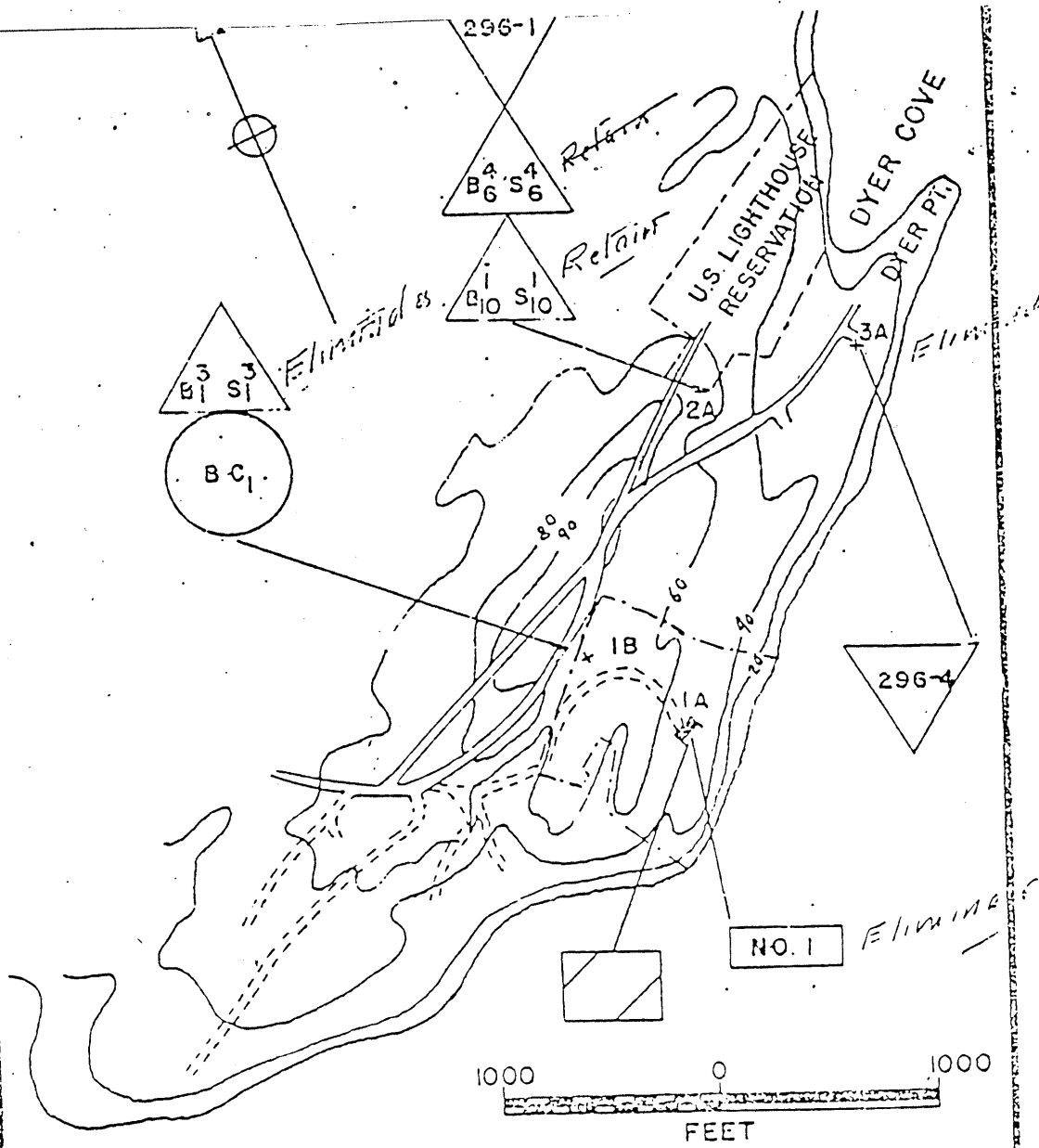


----- MILITARY RESERVATION
BOUNDARY LINE

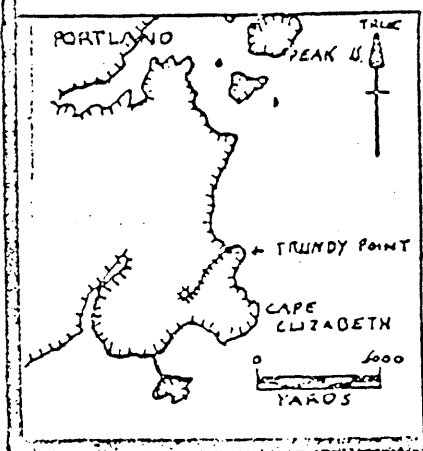
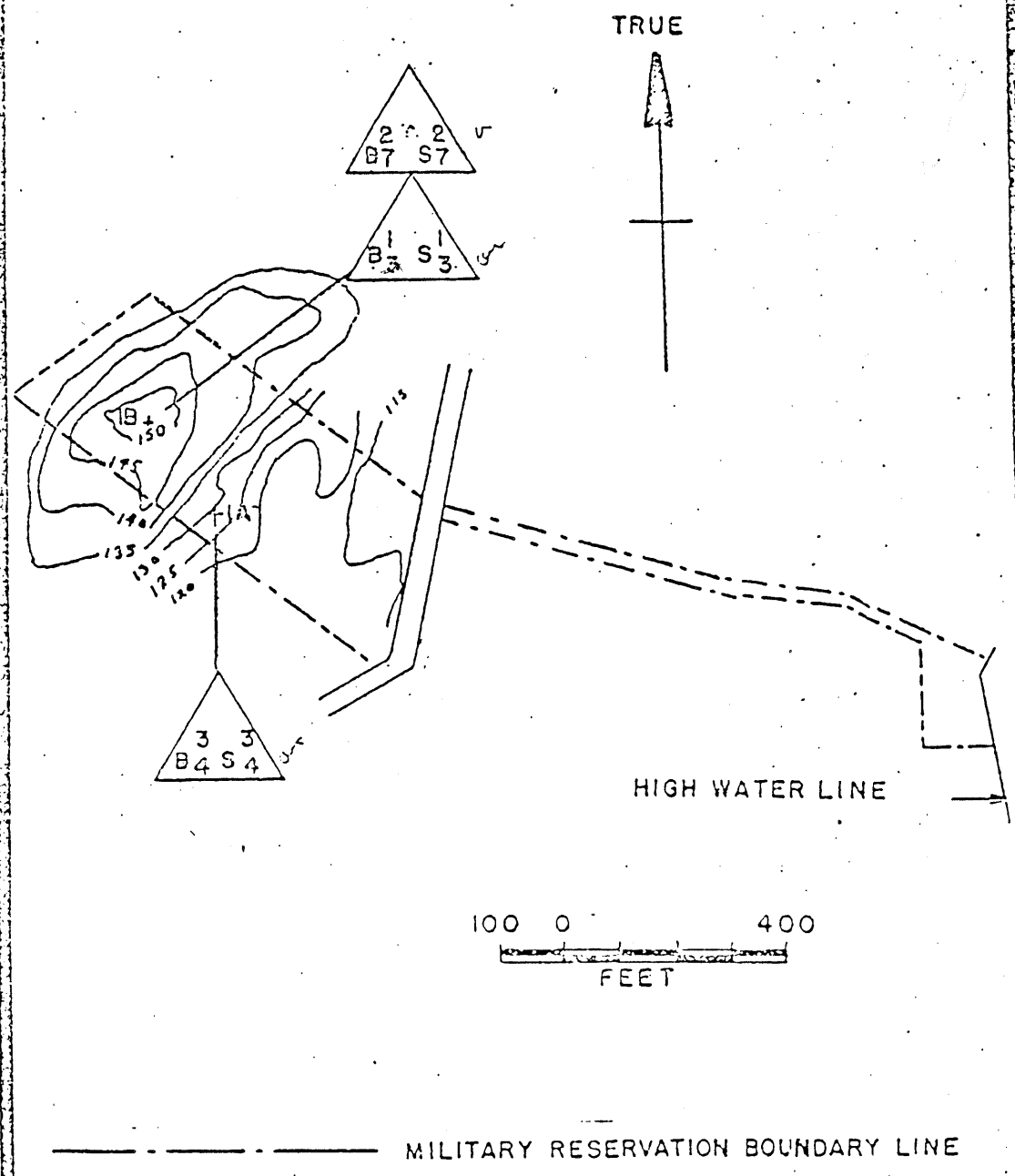


~~SECRET~~

H.O. OF PORTLAND LOC. NO. 157 PROUTS NECK FIRE CONTROL INSTALLATIONS		REV'D DATE
PREPARED BY HARBOR DEFENSES OF PORTLAND	DATE 4-11-45	EX. NO. 98-2



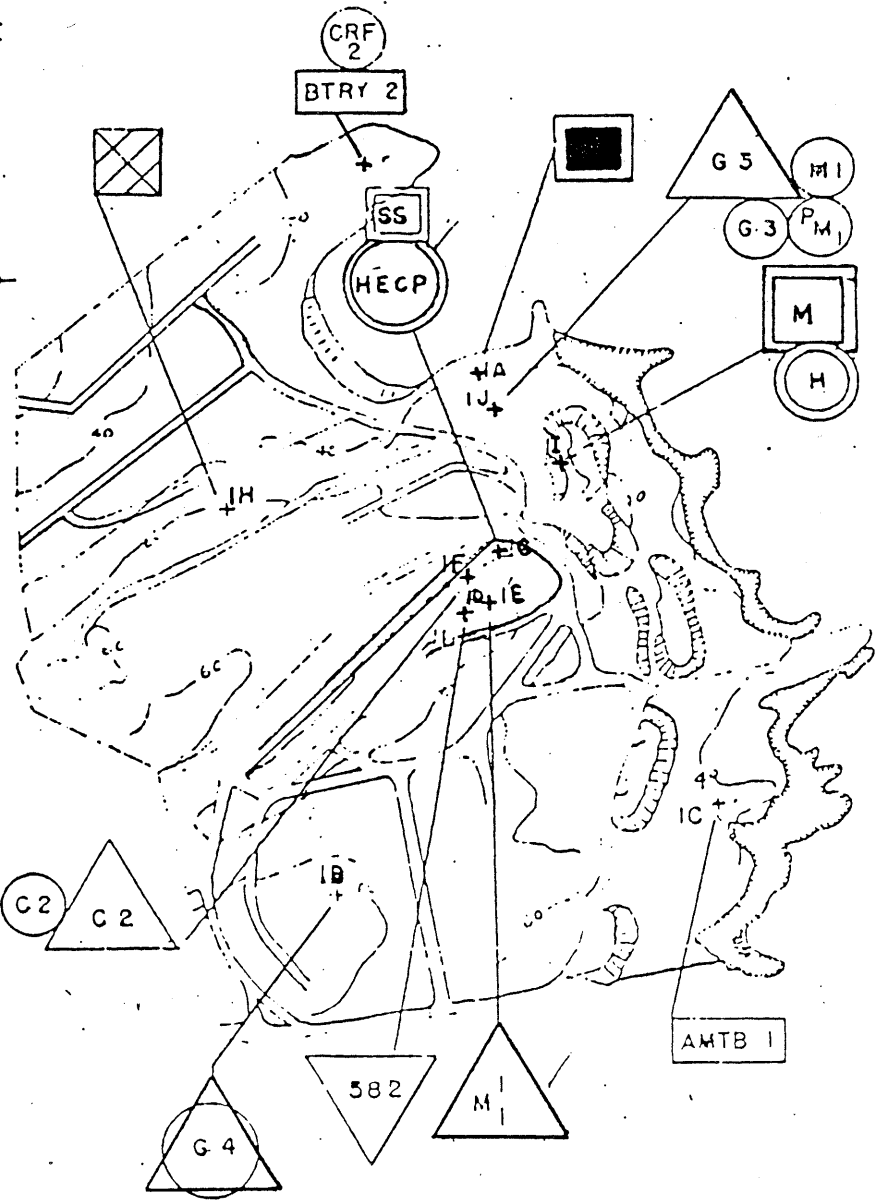
<p align="center">SECRET</p> <p align="center">H.D. OF PORTLAND LOC. NO. 158 CAPE ELIZABETH FIRE CONTROL INSTALLATIONS</p>		REV'D DATE
PREPARED BY HARBOR DEFENSES OF PORTLAND	DATE: 4-11-45	EX. NO. 9B-3



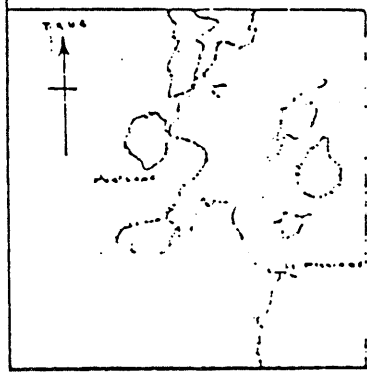
~~SECRET~~

H.D. OF PORTLAND		REV'D
LOC. NO. 159		DATE
TRUNDY POINT		
FIRE CONTROL INSTALLATION		
PREPARED BY	DATE 4-11-45.	
HARBOR DEFENSES		
OF PORTLAND		
	EX. NO 9B-4	

TRUE

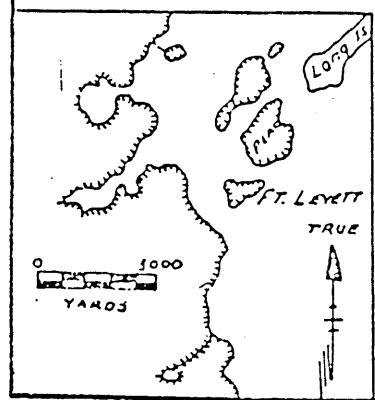
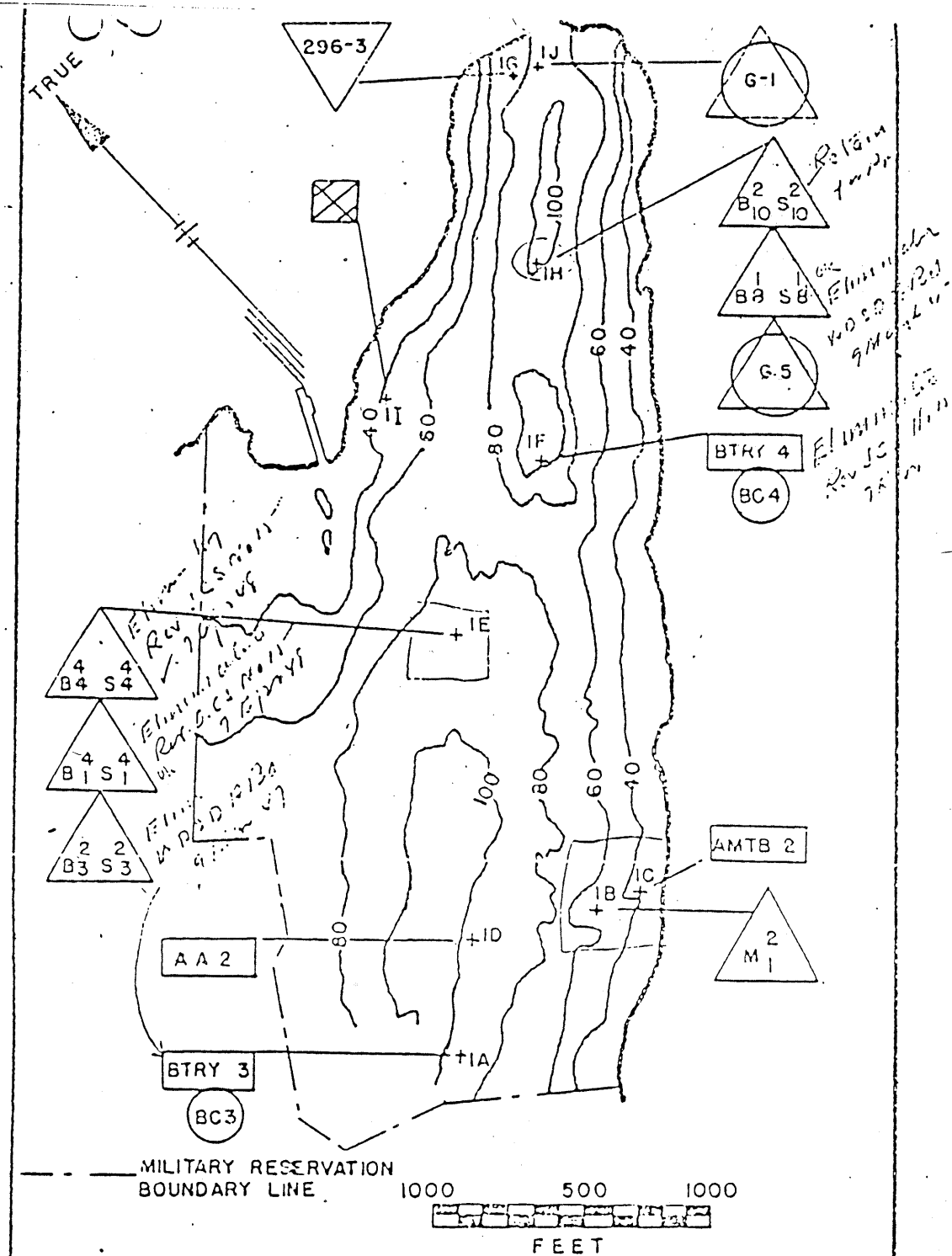


100 0 400 800

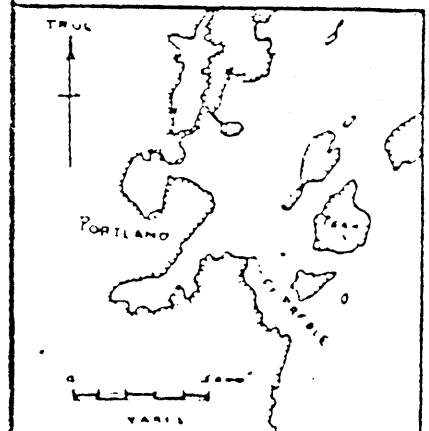
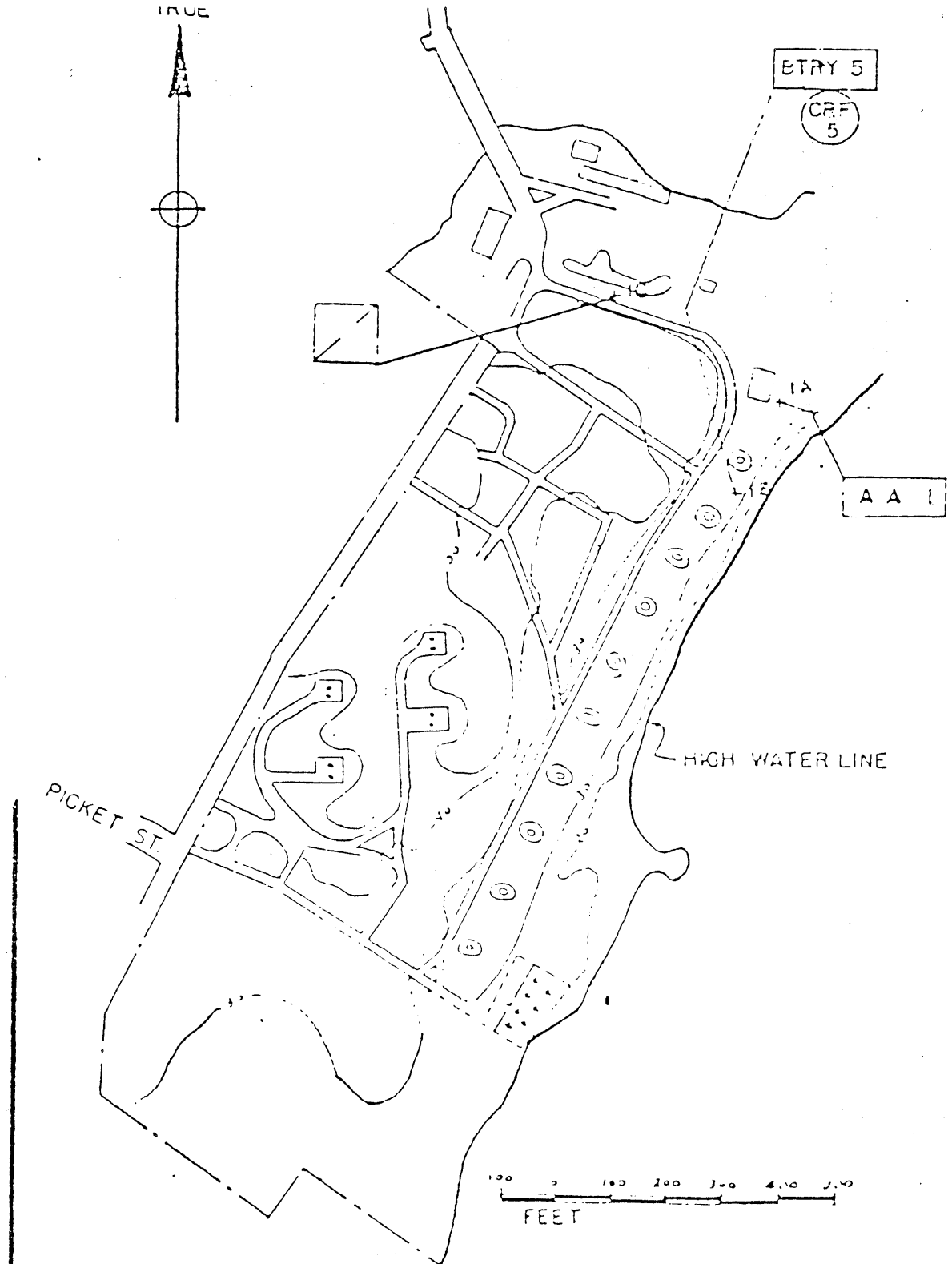


~~SECRET~~

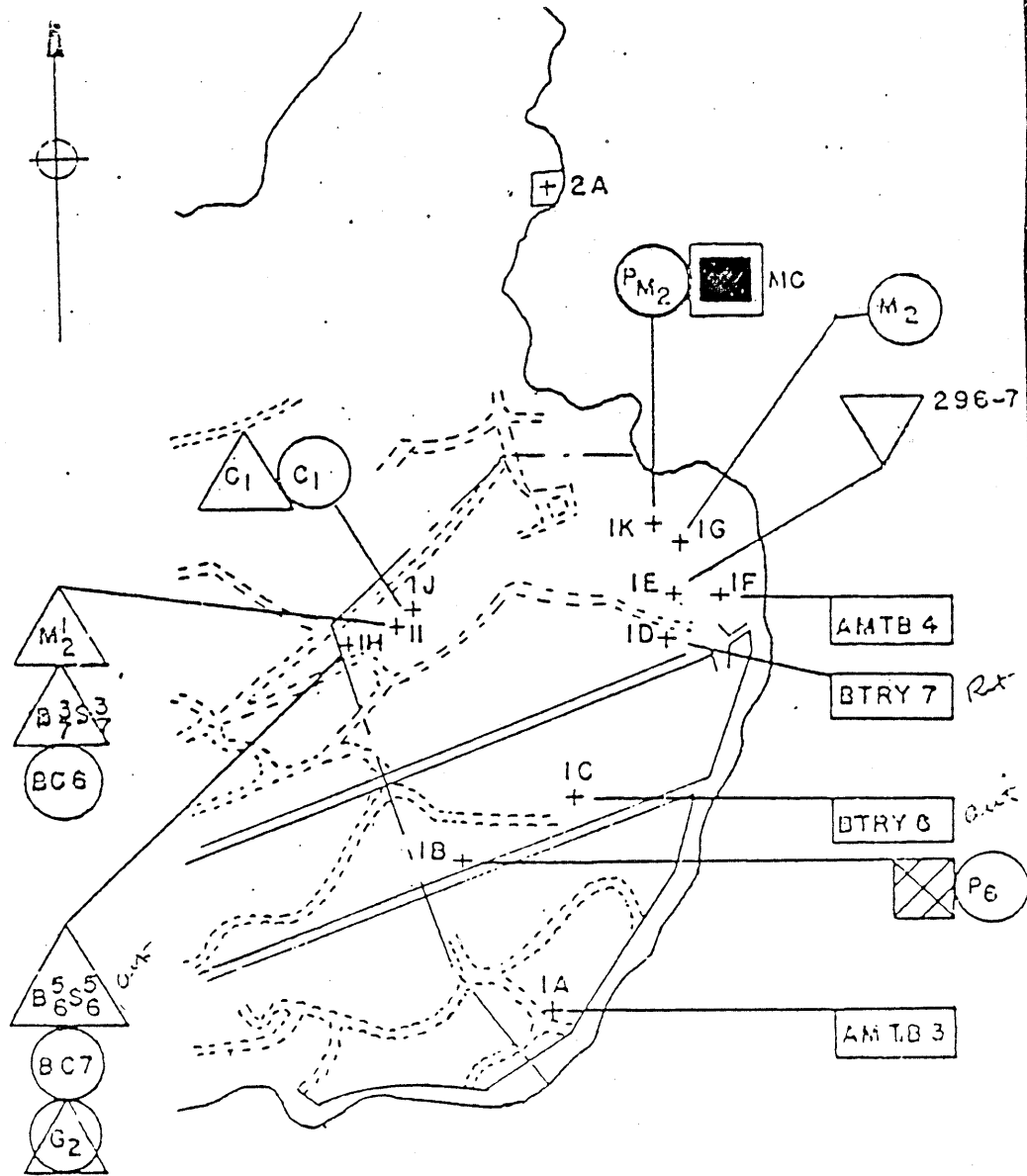
H.D. OF PORTLAND		REV'D
LOC. NO. 160		DATE
FT. WILLIAMS		
FIRE CONTROL INSTALLATIONS		
PREPARED BY	DATE 4-11-45	
HARSON DEFENSES		
OF PORTLAND	EX. NO. 98-5	



HD OF PORTLAND		REV'D DATE
LOC. NO. 161		
FORT LEVETT		
FIRE CONTROL INSTALLATION		
PREPARED BY	DATE 4-11-45	
HD OF PORTLAND	EX. NO. 98-6	

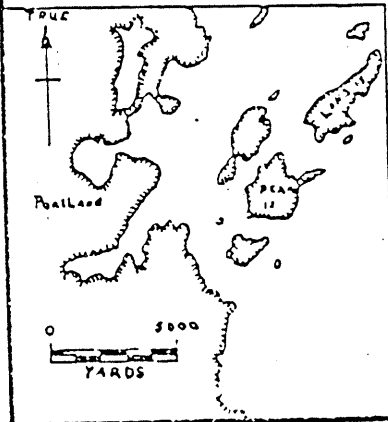


H.D. OF PORTLAND LOC. NO 162 FORT PREBLE FIRE CONTROL INSTALLATIONS		REV'D DATE
PREPARED BY HARBOR DEFENSES OF PORTLAND	DATE 4-11-45 EX NO 98-7	



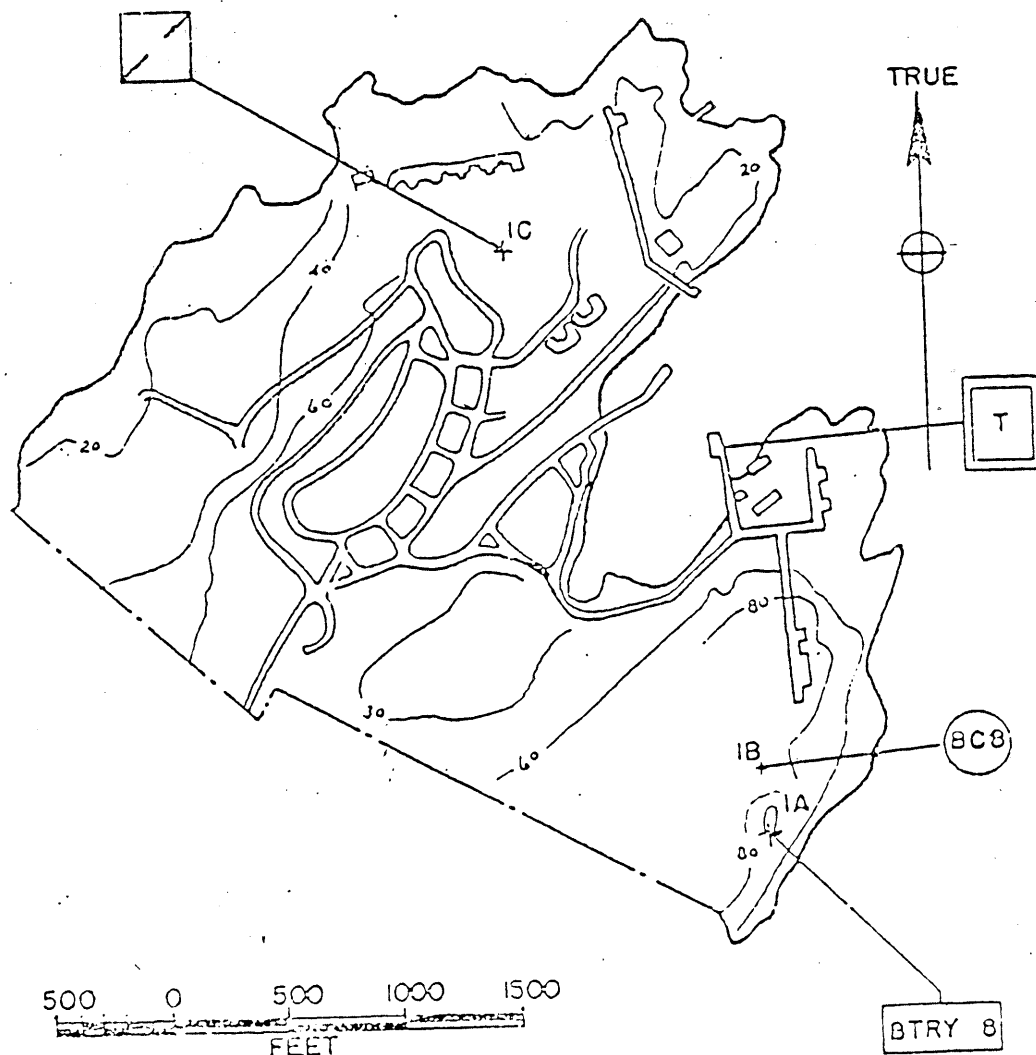
500 0 1000 2000
FEET

----- MILITARY RESERVATION
BOUNDARY LINE

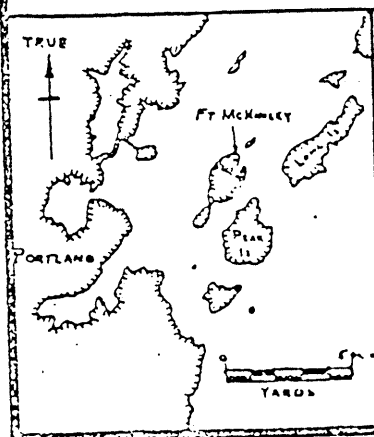


~~SECRET~~

H.D. OF PORTLAND LOC. NO. 163 PEAK ISLAND FIRE CONTROL INSTALLATIONS		REV'D DATE
PREPARED BY HARBOR DEFENSE OF PORTLAND	DATE 4-11-45	
EX. NO. 9B-8		

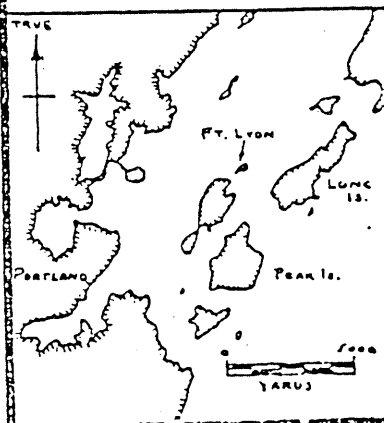
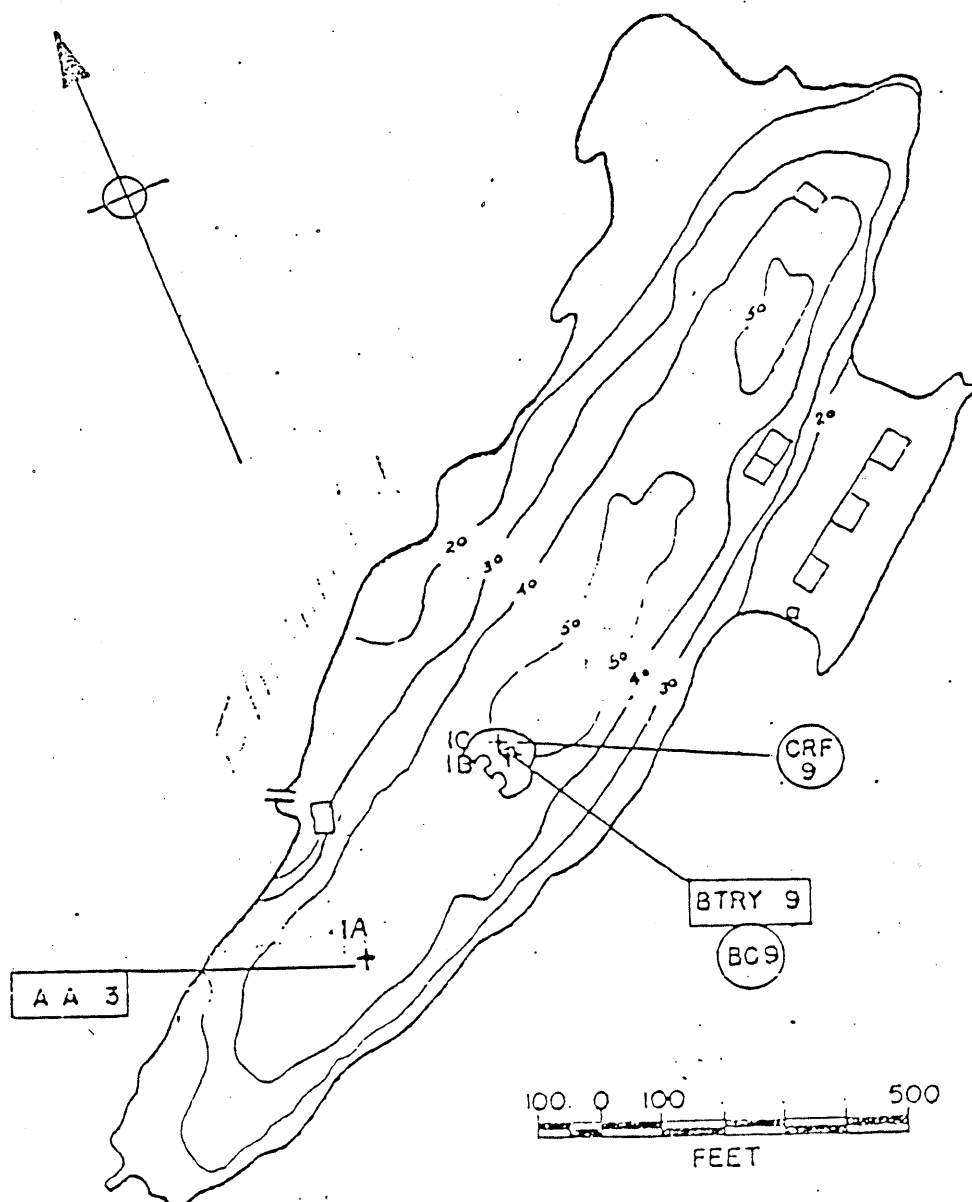


----- MILITARY RESERVATION
BOUNDARY LINE



~~SECRET~~

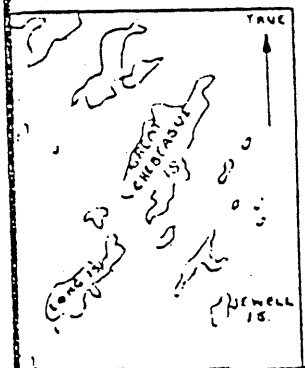
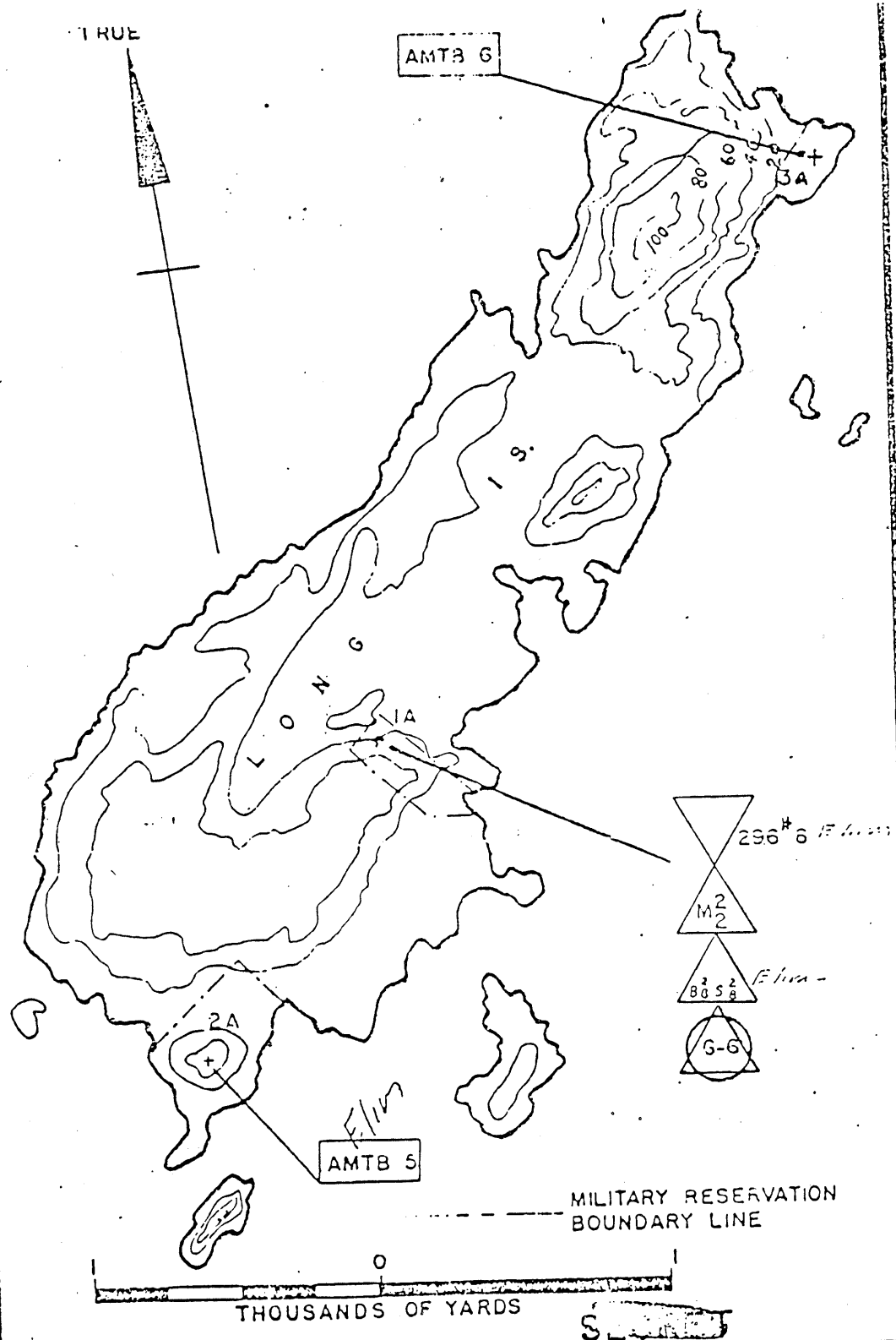
H.D. OF PORTLAND LOC. NO. 164 FORT MCKINLEY FIRE CONTROL INSTALLATIONS		REV'D DATE
PREPARED BY HARBOR DEFENSES OF PORTLAND	DATE 4-11-45 EX. NO. 9B-9	



~~SECRET~~

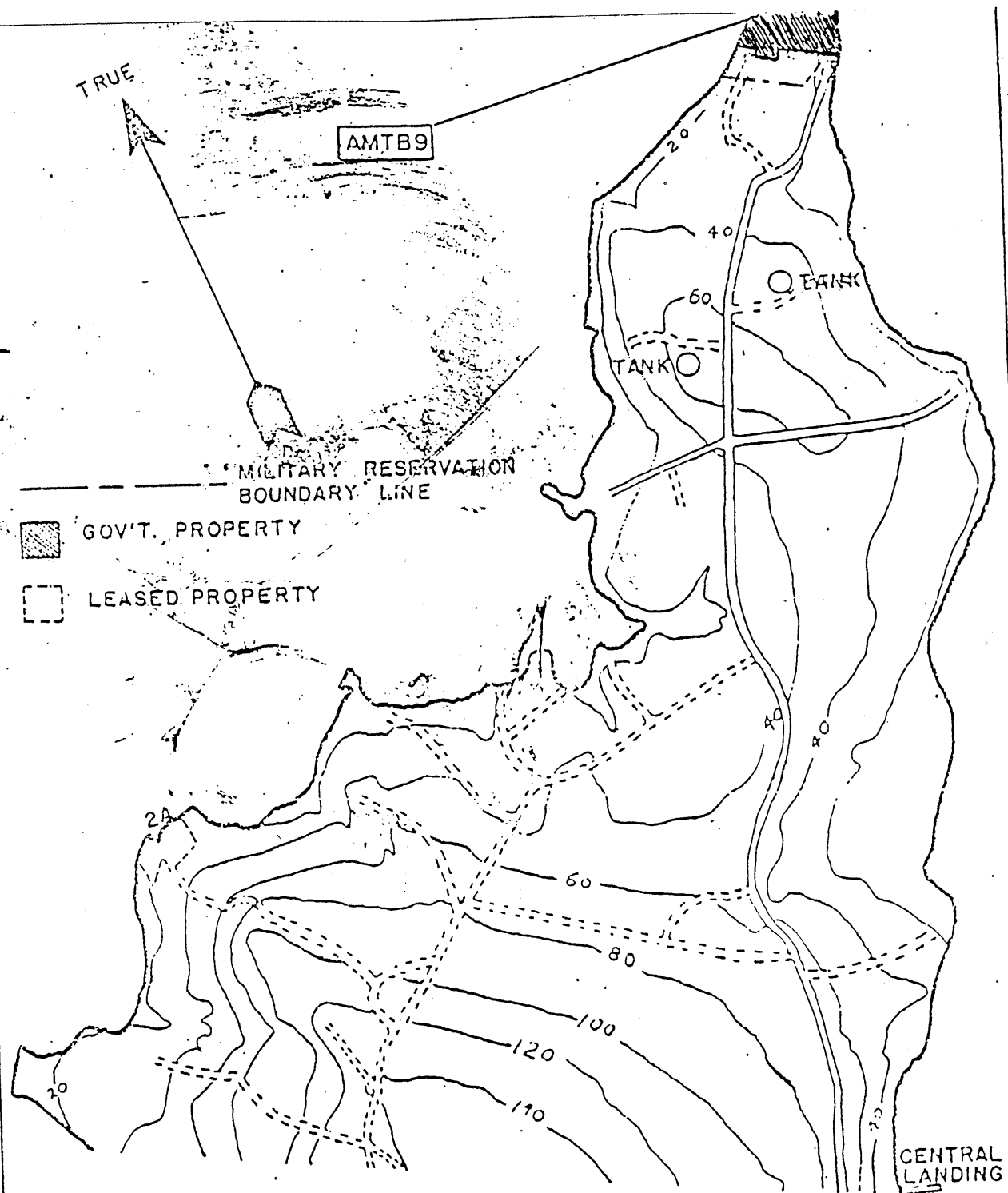
H.D. OF PORTLAND LOC. NO. 165 FORT LYON FIRE CONTROL INSTALLATIONS		REV'D DATE
PREPARED BY HARBOR DEFENSES OF PORTLAND	DATE 4-11-45 EX. NO. 9B-10	

AMTB # 5 and 6
4 inch - 50 Cal. guns



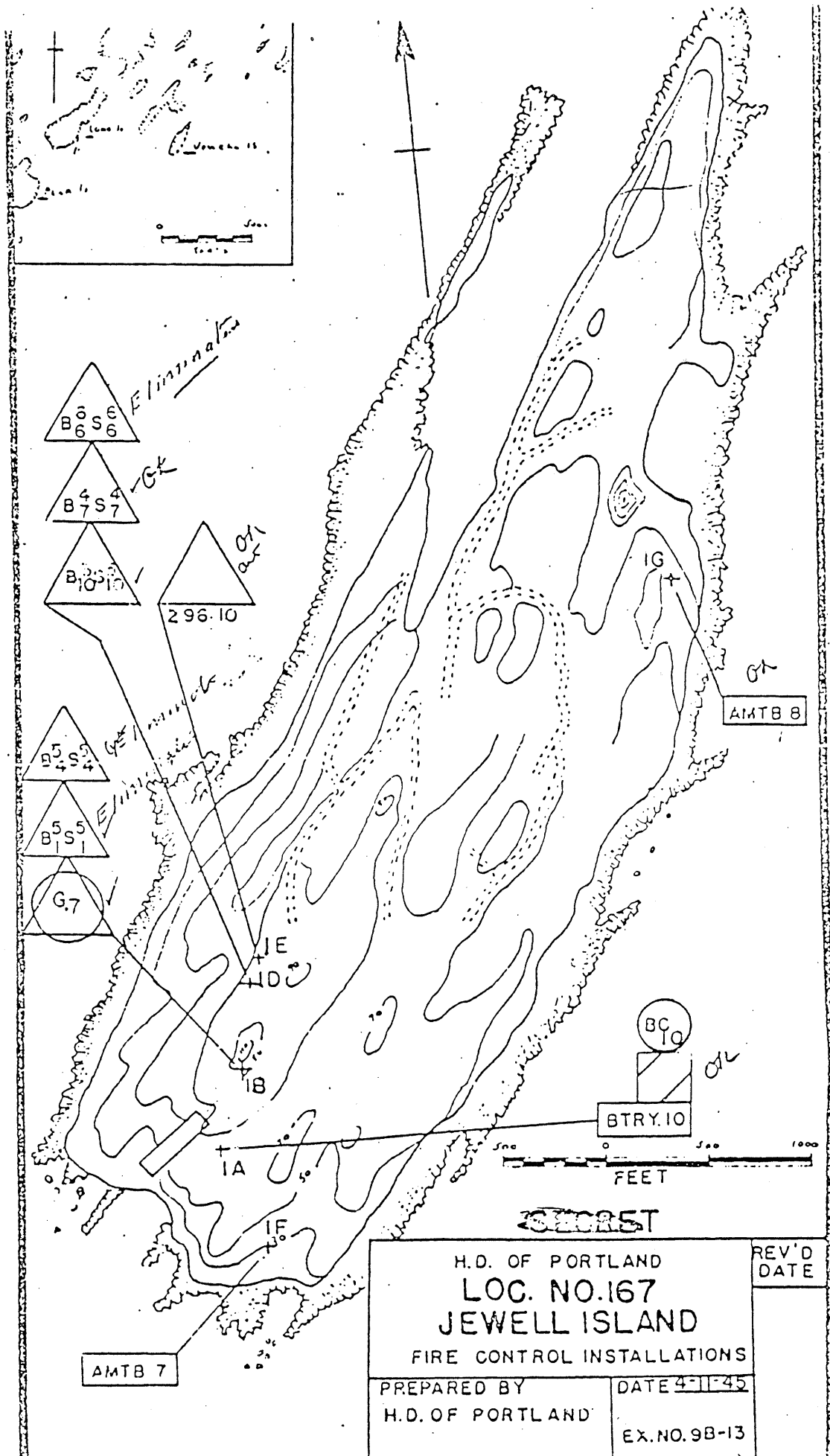
H.D. OF PORTLAND LOC. 166 LONG IS.	
FIRE CONTROL INSTALLATIONS	
PREPARED BY H.D. OF PORTLAND	DATE 4-11-45 EX. NO. 98-11

REVISED DATE

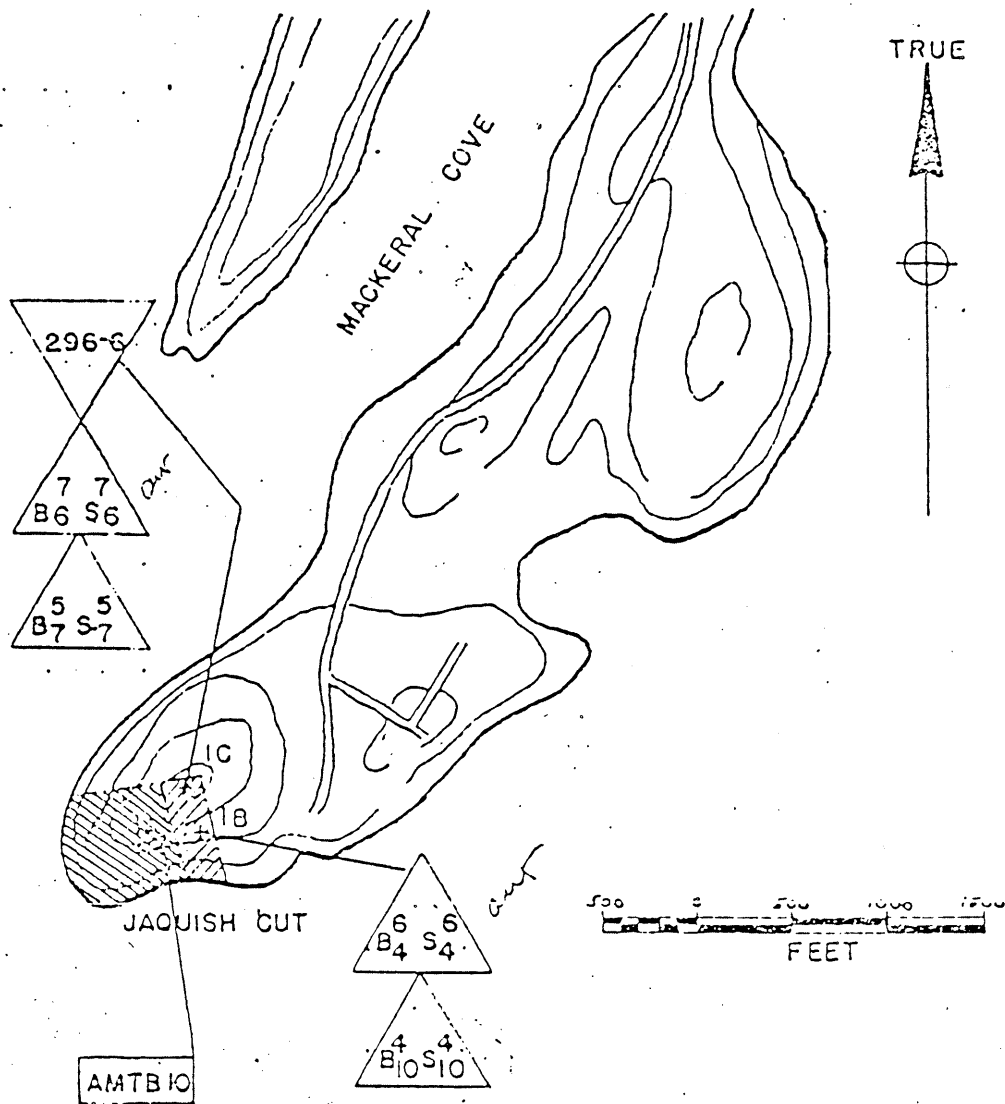


H.D. OF PORTLAND
LOC. NO. 166 A
GREAT CHEBEAGUE IS.
FIRE CONTROL INSTALLATIONS
PREPARED BY H.D. OF PORTLAND
DATE 4-11-45
EX. NO. 98-12

REVISED
DATE

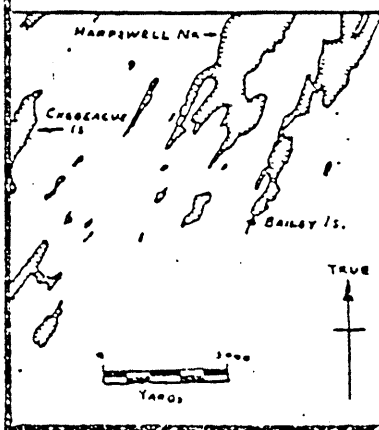


4 - 50 cal. guns in Anti-motor Torpedo boat Battery # 3



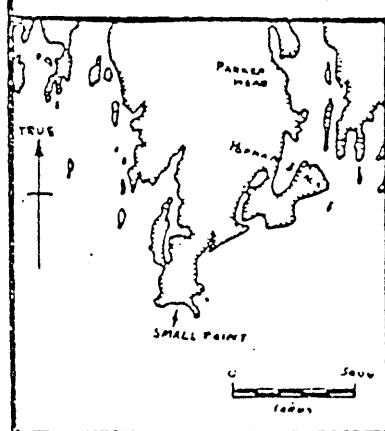
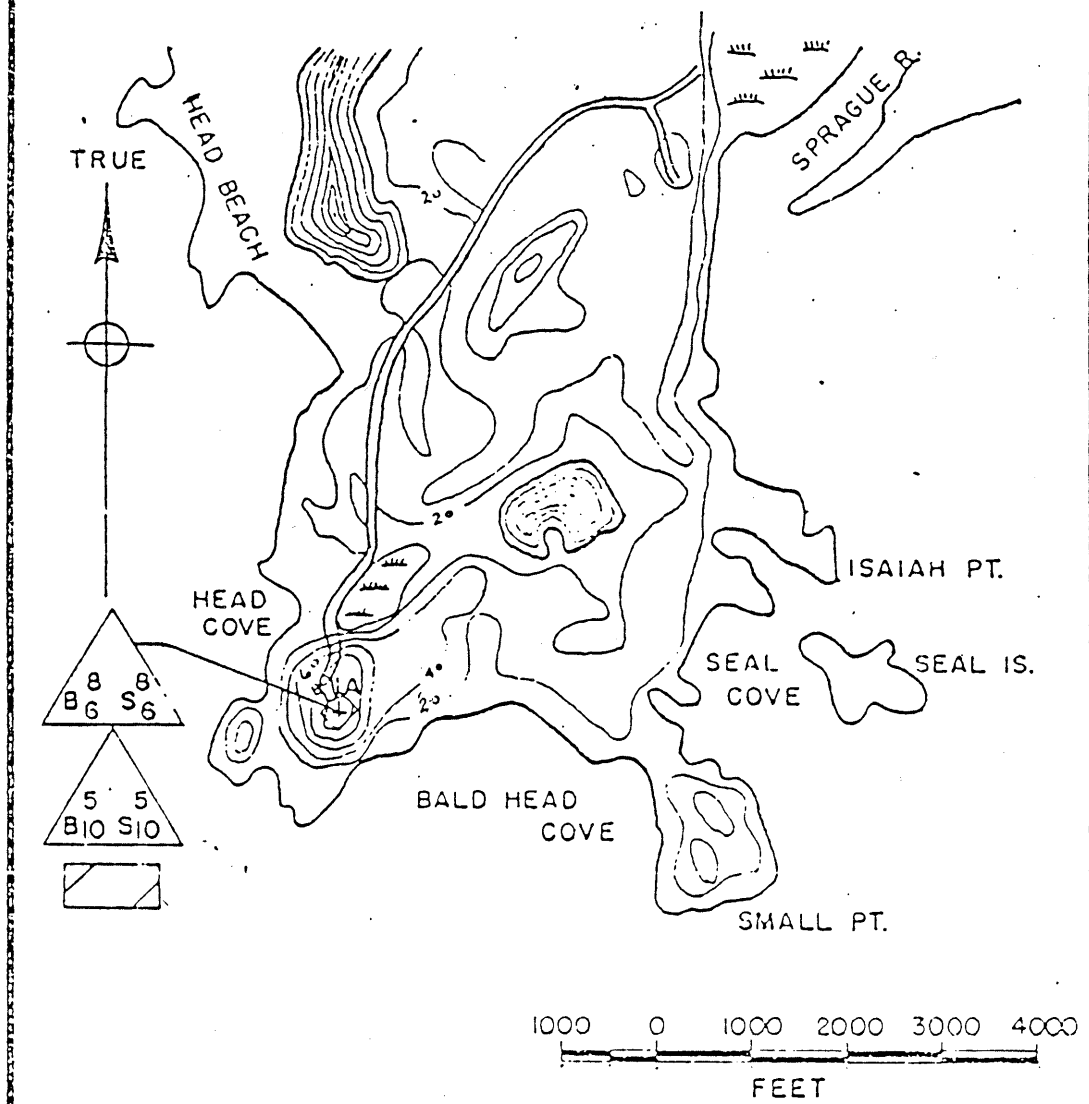
- GOVT. OWNED PROPERTY
- GOVT. LEASED PROPERTY

MILITARY RESERVATION
BOUNDARY LINE



~~SECRET~~

H.D. OF PORTLAND		REV'D DATE
LOC. NO. 168		
BAILEY ISLAND		
FIRE CONTROL INSTALLATIONS		
PREPARED BY HARBOR DEFENSES OF PORTLAND	DATE 4-11-45	EX. NO. 98-14



----- MILITARY RESERVATION
BOUNDARY LINE

SECRET

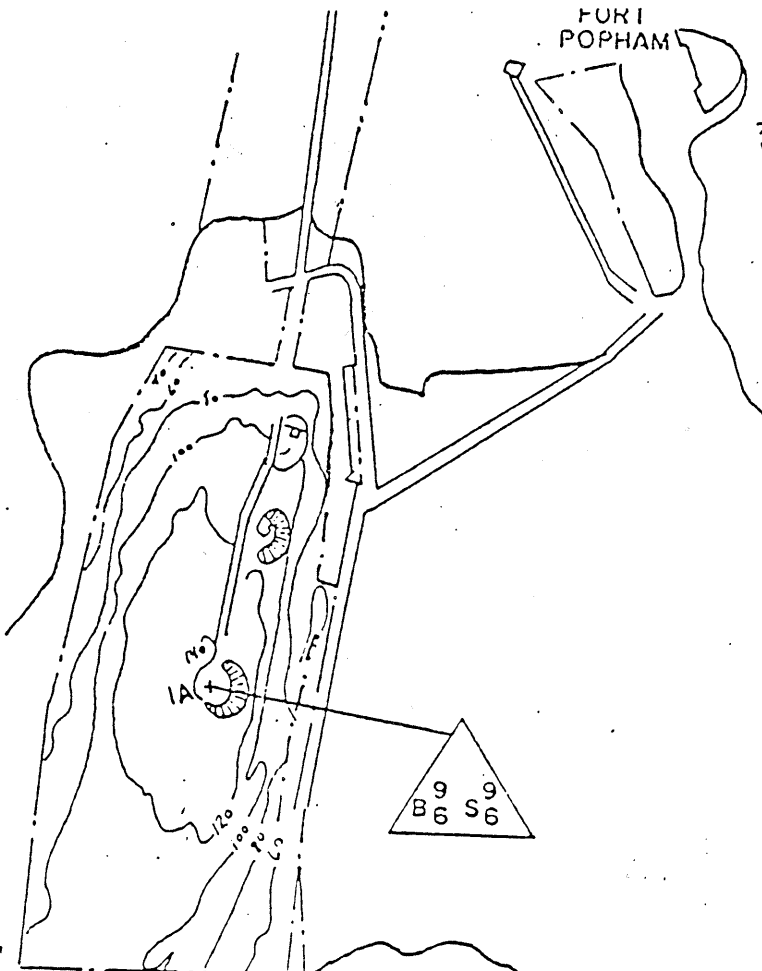
H.D. OF PORTLAND LOC. NO. 169 SMALL POINT FIRE CONTROL INSTALLATIONS		REV'D DATE
PREPARED BY H.D. OF PORTLAND	DATE 4-11-45	EX. NO. 98-15

TRUE



FORT
POPHAM

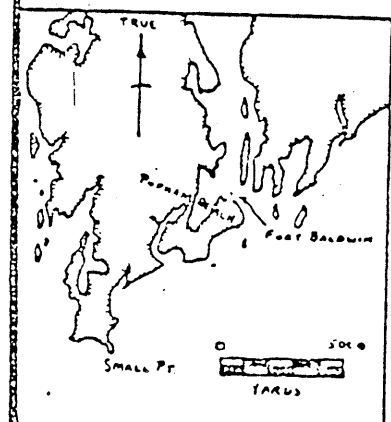
KENNEBEC RIVER



POND

100 0 500 1000
FEET

MILITARY RESERVATION
BOUNDARY LINE



~~SECRET~~

H.D. OF PORTLAND

LOC. NO. 170

FORT BALDWIN

FIRE CONTROL INSTALLATIONS

PREPARED BY
H.D. OF PORTLAND

DATE 4-11-45

EX. NO. 98-16

REV'D
DATE

Annex 2--REPRESENTATIVE BATTERIES AND ORDNANCE

Endicott and Taft Periods, 1891-1916

3" gun (Model 1902) on pedestal mount (Model 1902)
Battery Keyes, Fort Williams, 1906
Battery Abbott, Fort Lyon, 1909
6" gun Armstrong (M1898) on barbette carriage (M1898)
Battery Hobart, Fort Williams, 1898
6" gun (Model 1900) on barbette carriage (Model 1900)
Battery Ferguson, Fort Levett, 1906
6" gun on disappearing carriage (Model 1898)
Battery Garesche, Fort Williams, 1906
8" gun on disappearing carriage (Model 1896)
Battery Honeycutt, Fort McKinley, 1901
10" gun on disappearing carriage (Model 1894)
Battery DeHart, Fort Williams, 1898
12" gun on disappearing carriage (Model 1897)
Battery Blair, Fort Williams, 1903
12" mortar (M1890MI) on carriage (M1896MI)
Battery Chase, Fort Preble, 1901

World War I and the Inter-War Period, 1917-1938

3" gun (M1917MII) on anti-aircraft mount (M1917MI)
Example of anti-aircraft gun emplacement, 1921
12" long range gun on barbette carriage (Model 1917)
Battery Foote, Fort Levett, 1920

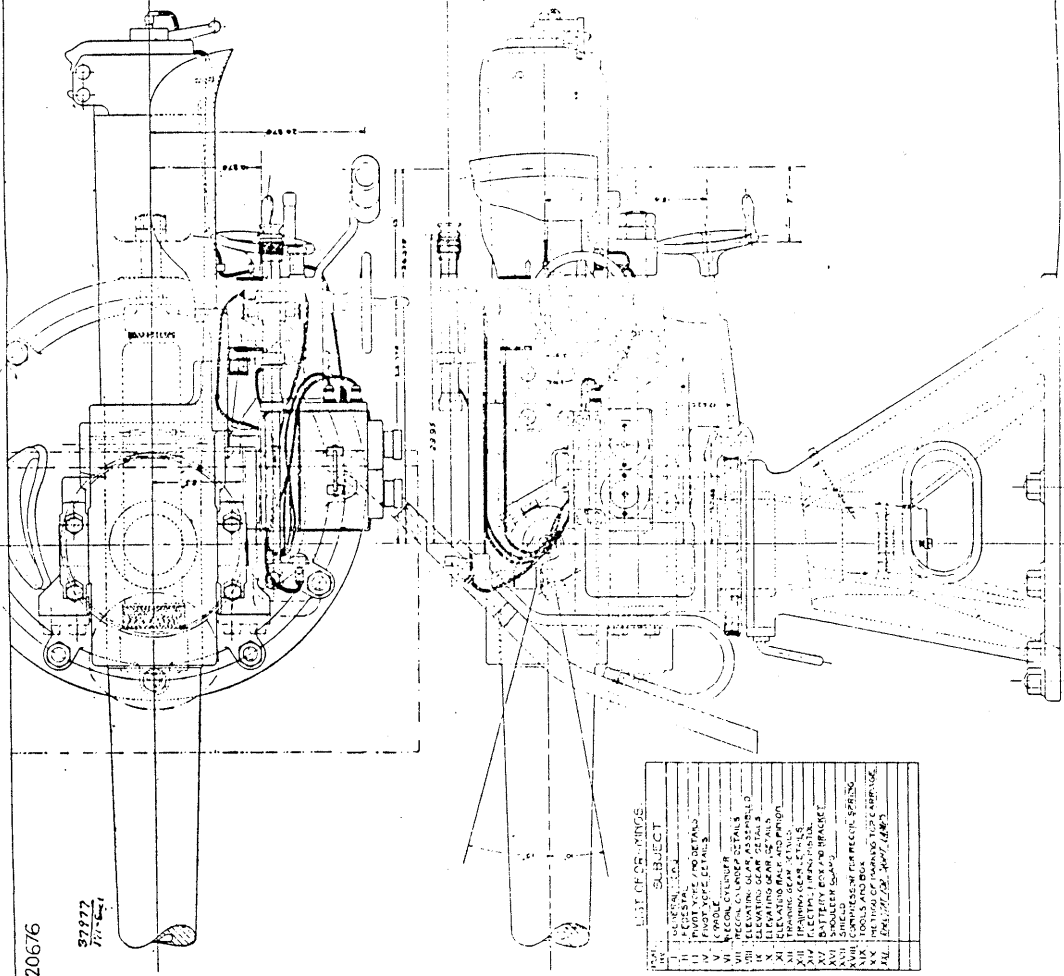
World War II, 1939-1945

Example of 3" anti-motor torpedo boat battery, 1943
90mm anti-motor torpedo boat gun with shield
Anti-Motor Torpedo Boat Battery, Fort Williams, 1944
Example of 155mm gun emplacement, 1934
6" gun on barbette carriage (M1 and M2) with shield
Battery 205, Fort Foster, 1944
16" gun on barbette carriage (M1919M3) with shield in casemate
16" casemated battery, 1942

1756

BETHLEHEM STEEL CO.
3 (15 mm) PEDESTAL MOUNT
SCALE 3/16" = 1"

GENERAL VIEWS.



1950R
BARSETTE CARRIAGE
MODEL OF 1902.

Wm. H. H. H. H.
Wm. H. H. H. H.
Wm. H. H. H. H.

20676

20676

37972
7/17/52

LIST OF PARTS	
NO.	SUBJECT
I	PEDESTAL MOUNT
II	PEDESTAL MOUNT
III	PEDESTAL MOUNT
IV	PEDESTAL MOUNT
V	PEDESTAL MOUNT
VI	PEDESTAL MOUNT
VII	PEDESTAL MOUNT
VIII	PEDESTAL MOUNT
IX	PEDESTAL MOUNT
X	PEDESTAL MOUNT
XI	PEDESTAL MOUNT
XII	PEDESTAL MOUNT
XIII	PEDESTAL MOUNT
XIV	PEDESTAL MOUNT
XV	PEDESTAL MOUNT
XVI	PEDESTAL MOUNT
XVII	PEDESTAL MOUNT
XVIII	PEDESTAL MOUNT
XIX	PEDESTAL MOUNT
XX	PEDESTAL MOUNT
XXI	PEDESTAL MOUNT
XXII	PEDESTAL MOUNT
XXIII	PEDESTAL MOUNT
XXIV	PEDESTAL MOUNT
XXV	PEDESTAL MOUNT
XXVI	PEDESTAL MOUNT
XXVII	PEDESTAL MOUNT
XXVIII	PEDESTAL MOUNT
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REPORT COMPLETED WORKS - SEA COAST FORTIFICATIONS
(Battery Plan)

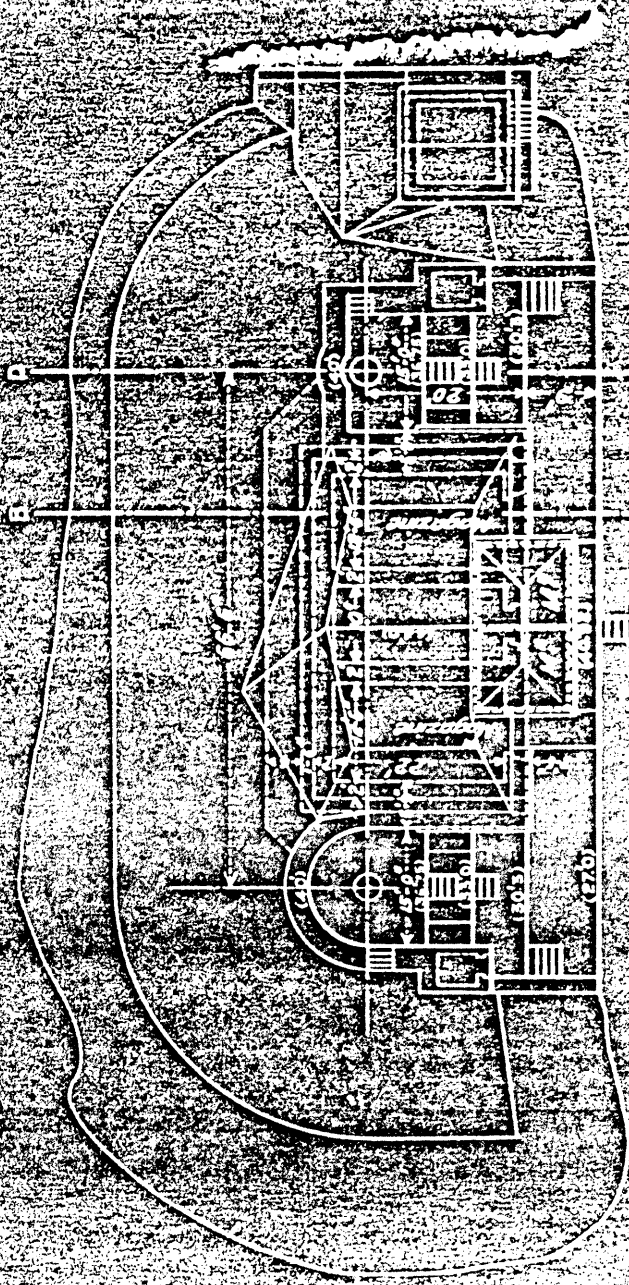
COAST DEFENSES OF PORTLAND, MAINE
FORT WILLIAMS
BATTERY KEYES

Call Sign 51
Comd'g Officer

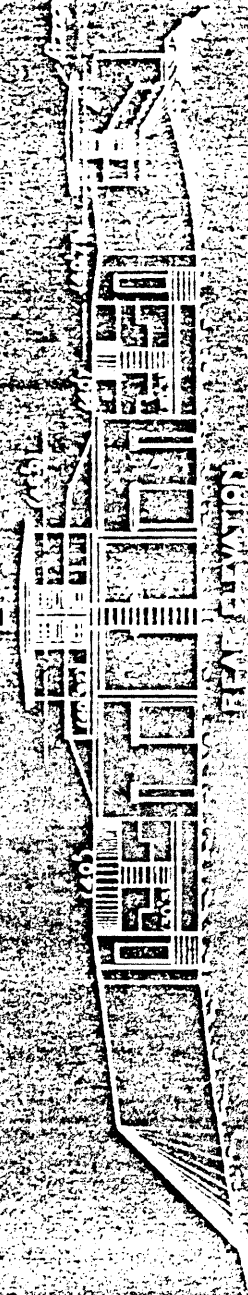
No. of guns 2

Form 7
Corrected to Mar. 1, 1920

Scale 0 20 40 60 80 100 Feet



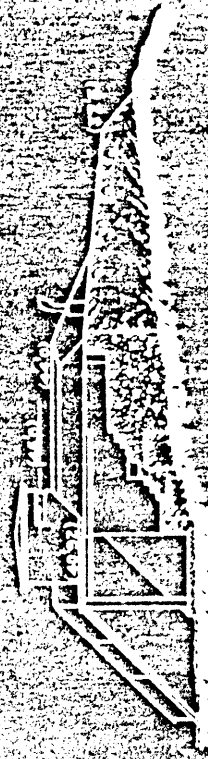
PLAN



FRONT ELEVATION



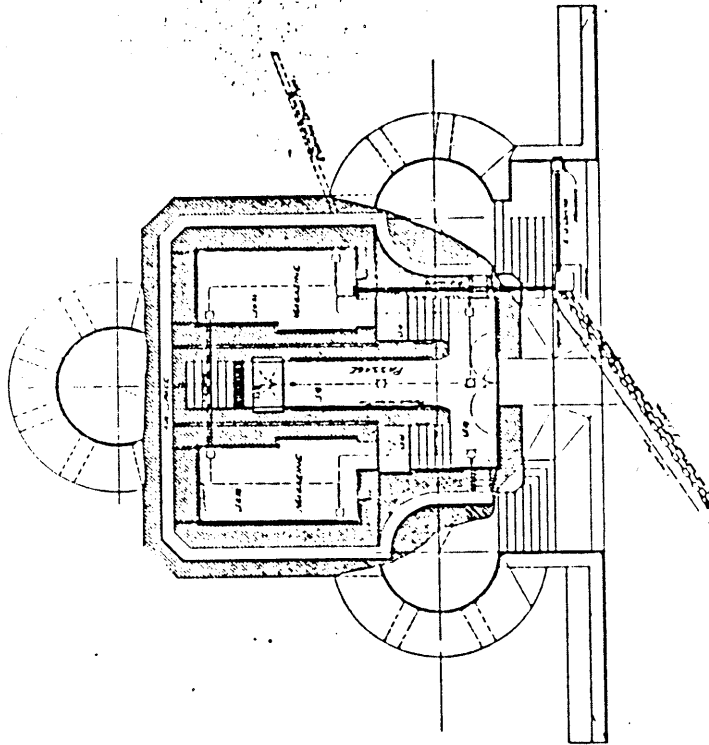
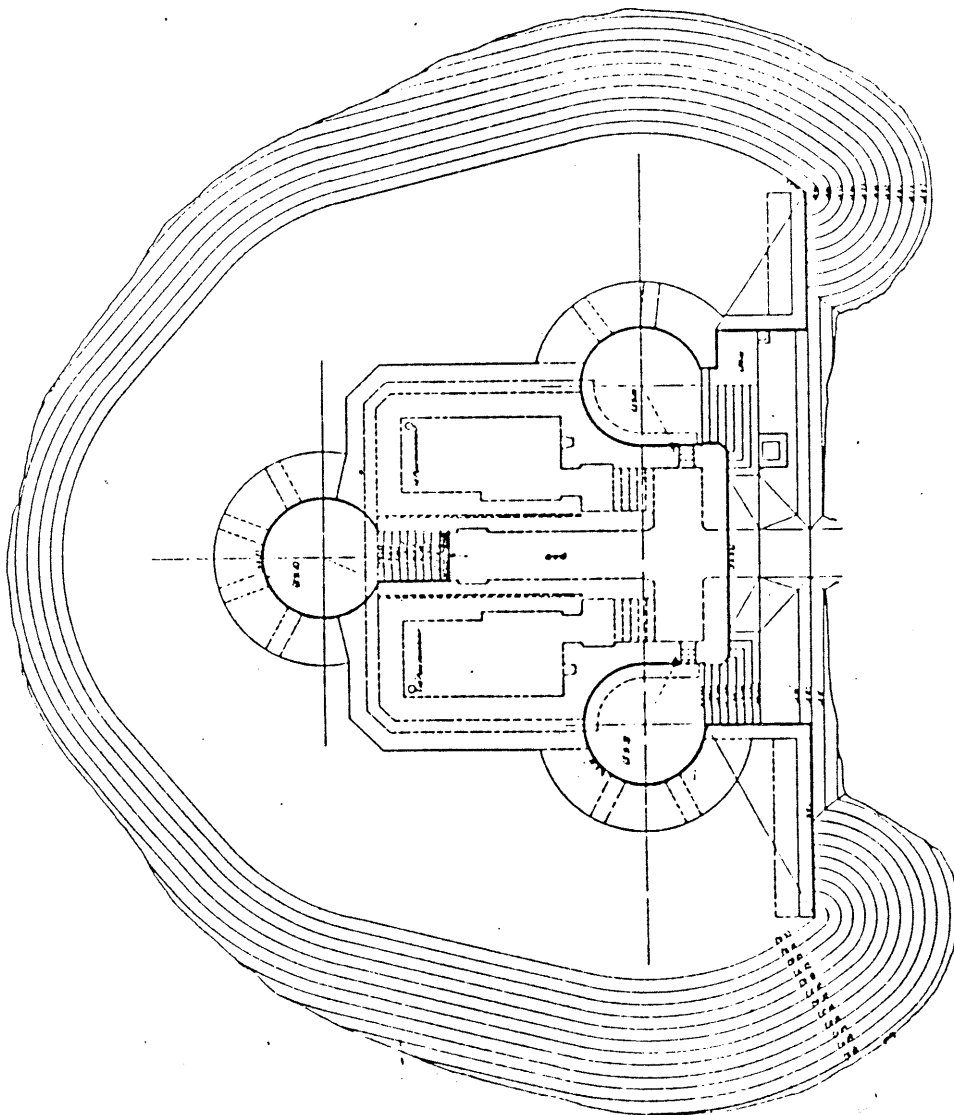
LEFT SIDE ELEVATION



RIGHT SIDE ELEVATION

INSTRUCTIONS FOR CARE OF EMPLACEMENTS

1. Inspection should be made at least weekly. Obstruction is extremely rapid when once begun.
2. Drains must be kept open at all times. The drainage must be kept clear of any obstruction.
3. Earth cracks should be kept open. The drainage must be kept clear of any obstruction.
4. All new work must be kept free from rust and well painted.
5. Earth slopes should be inspected after each heavy rain. Any subsidence should be promptly checked.
6. Should sinking should be noticed at once in writing to the Engineer Officer in charge of works.
7. Reports must be made weekly to the Engineer Officer in charge of works.
8. The position should be reported in writing to the Engineer Officer in charge of works.



FORT LYON
PORTLAND HARBOR, ME.
BATTERY ABBOTT

Scale 1 in = 8 ft

Legend

Walled Area	---
Drain	---
Water Line	---
Brickwork	---
Concrete	---
Earth Slope	---
Water Bay	---
Water Line	---
Water	---

Officer Chief of Engineers,
U. S. Army,
Respectfully submitted to the
Secretary of War with recom-
mendation for approval.

Approved,
Chief of Engineers,
U. S. Army.

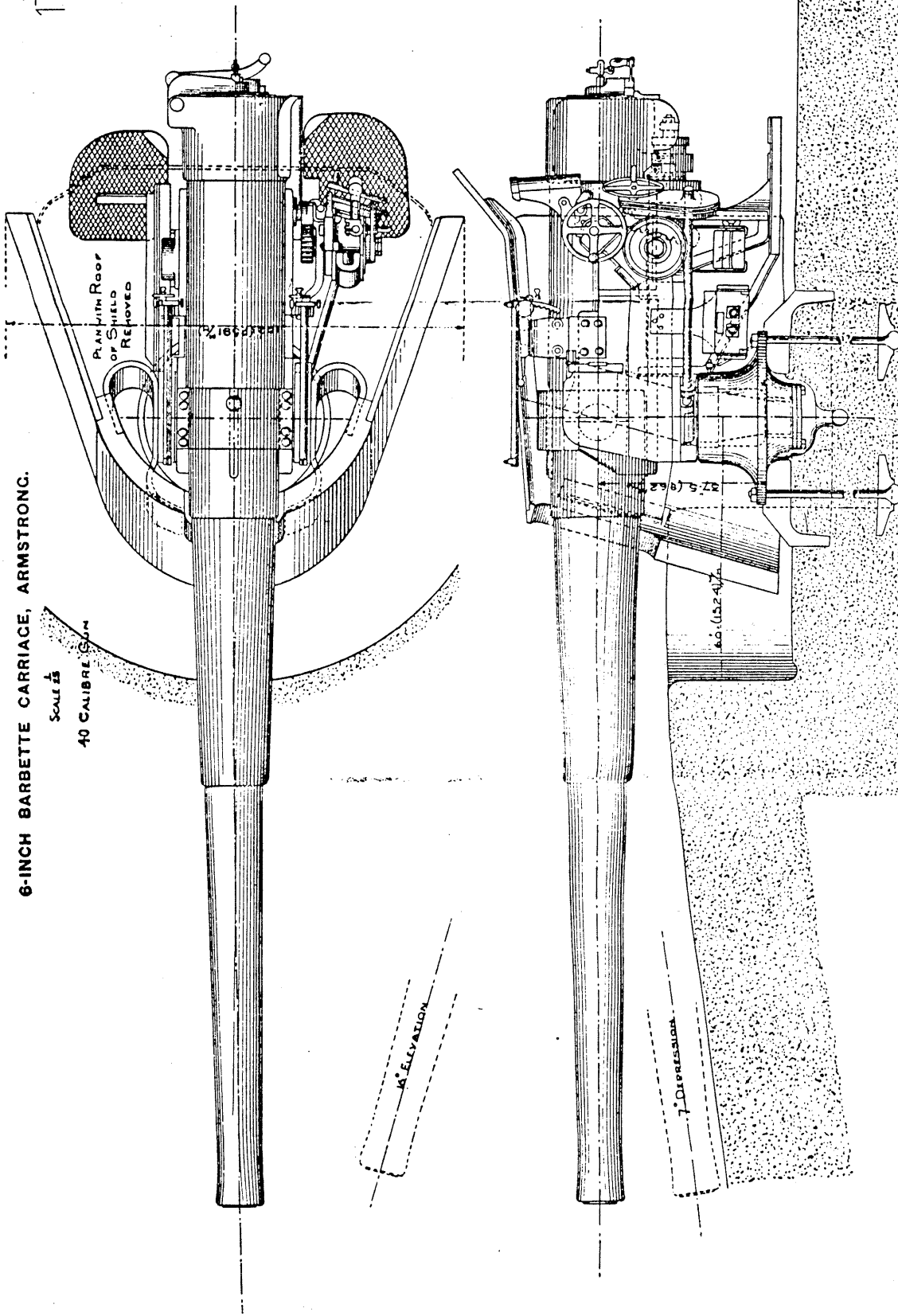
War Department,
Approved,
Secretary of War.

U.S. Engineer Office
Portland, Me., Dec. 2, 1909
Transmitted to the Chief of Engineers by
Department with letter of transmittal
Dec. 2, 1909
Lt. Col. George W. Engstrom, U.S.

6-INCH BARBETTE CARRIAGE, ARMSTRONG.

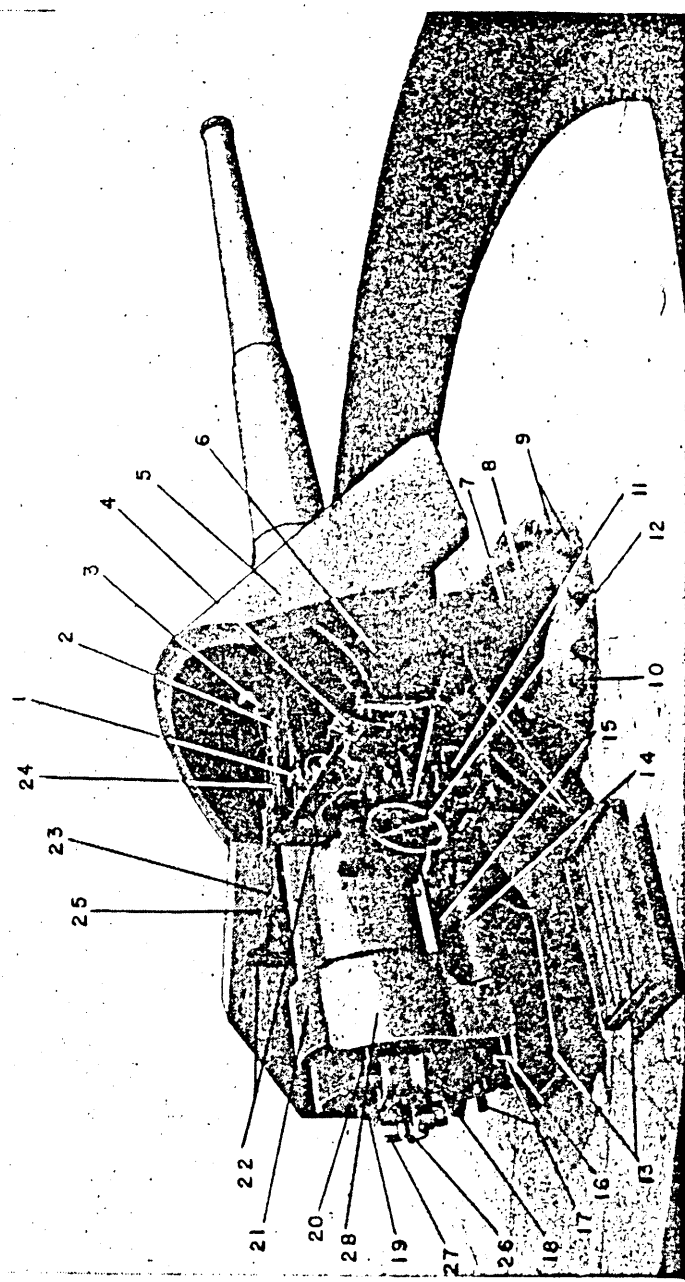
SCALE $\frac{1}{16}$

40 CALIBRE GUN



4° ELEVATION

7° DEPRESSION



- | | | | |
|----------------------|-----------------------------|----------------------|------------------------------|
| 1. Deflection screw. | 8. Pedestal base. | 15. Recoil cylinder. | 22. Shoulder rests. |
| 2. Sight cradle. | 9. Foundation bolts. | 16. Piston rod. | 23. Elevation handwheel. |
| 3. Trunnion hoop. | 10. Leveling screw. | 17. Spring rods. | 24. Telescopic sight. |
| 4. Firing pistol. | 11. Battery case. | 18. Loading tray. | 25. Open sight. |
| 5. Shield. | 12. Traversing handwheel. | 19. Breech carrier. | 26. Gear segment. |
| 6. Shield support. | 13. Gun pointer's platform. | 20. Hinge pin. | 27. Breech operating handle. |
| 7. Manhole cover. | 14. Spring case extension. | 21. Recoil hoop. | 28. Shoulder rest. |

FIGURE 37.—6-inch rapid-fire gun M1900 on barbette carriage M1900 (pedestal mount).

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS - (Battery Plan)

(Battery Plan)

COAST DEFENSES OF PORTLAND, MAINE

FORT LEVITT

BATTERY-FERGUSON

NO. 4000

Caliber 6" 44

Carriage: pod LF

Form 7

Corrected to Mar. 1, 1970.

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100

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1999

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1990

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1997

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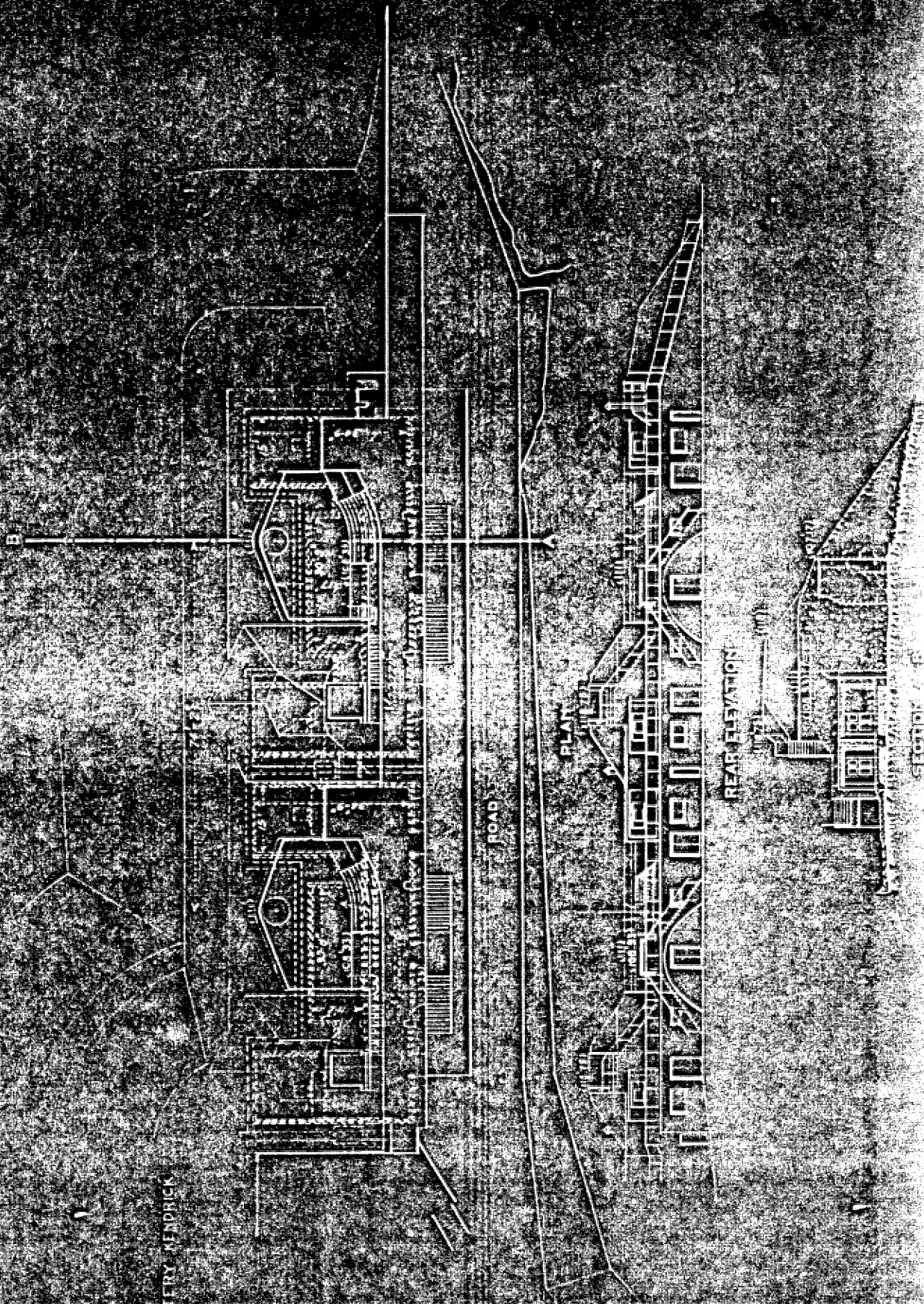
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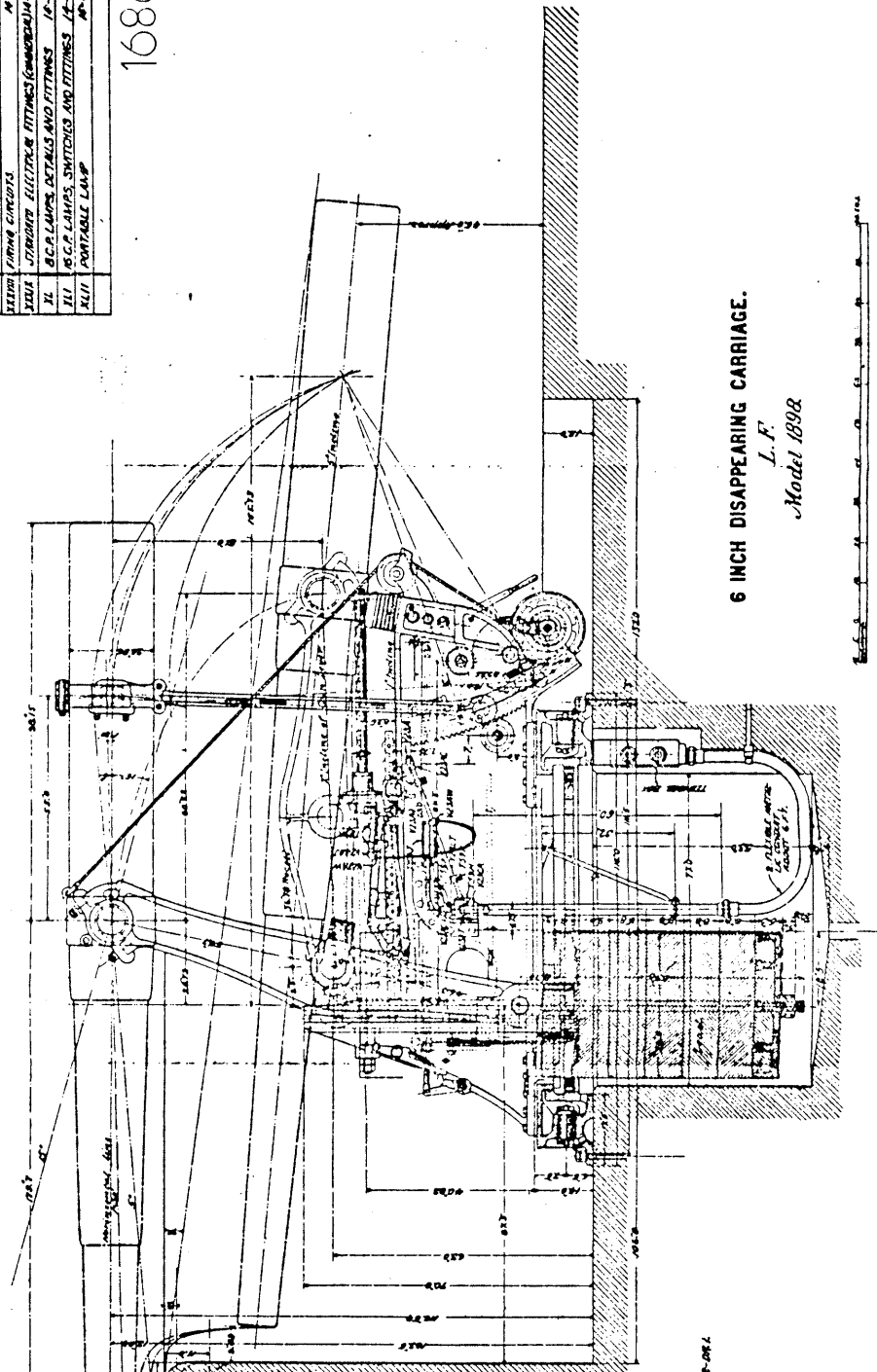
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IN A TERRY HENDRICK



PLANT	SUBJECT
IXI	TELEPHONY AND TELEPHONE SYSTEMS
IXII	SAFETY FILING UNIT AND M23
IXIII	COMBAT DETAILS
IXIV	SAFETY TRAINING SYSTEM
IXV	ARMED GUNSETS
IXVI	STRUCTURE ELECTRICAL FITTINGS (CONCRETE) 0-20
IXVII	B.C. LAMPS, DETAILS AND FITTINGS 14-4-12
IXVIII	B.C. LAMPS, SWITCHES AND FITTINGS 18-4-12
IXIX	PORTABLE LAMP

1686



6 INCH DISAPPEARING CARRIAGE.
L.F.
Model 1892

FILE	SUBJECT
I	Element
II	Right laying apparatus
III	Friction and Plan
IV	Friction gear
V	Tripping arrangement
VI	Details of Trip arrangement
VII	Braking and Racer
VIII	Counterweight
IX	Thrusting gear
X	Cranked and Gun-Lever
XI	Right chassis
XII	Left chassis
XIII	Top carriage
XIV	Thrusting Arm
XV	Reel/Frame, Transm
XVI	Elementing gear
XVII	do
XVIII	Sight Standard
XIX	Sight Laying and Guard gear
XX	Sight Machine
XXI	Sight (with Sights, Sights, Sights)
XXII	Armament Chest, Interior, 2-nd
XXIII	Bed-plate
XXIV	Platform plate
XXV	Armament counter
XXVI	Frame motor
XXVII	Frame motor
XXVIII	Thrusting valve
XXIX	Hand lever gear
XXX	Armament and Motor
XXXI	Thrusting valve
XXXII	Thrusting valve
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LXXXXXXXIV	

Brigadier General,
Chief of Ordnance.

Dear Sir,

[illegible]

Class 7	Division 3	Drawing 1	File
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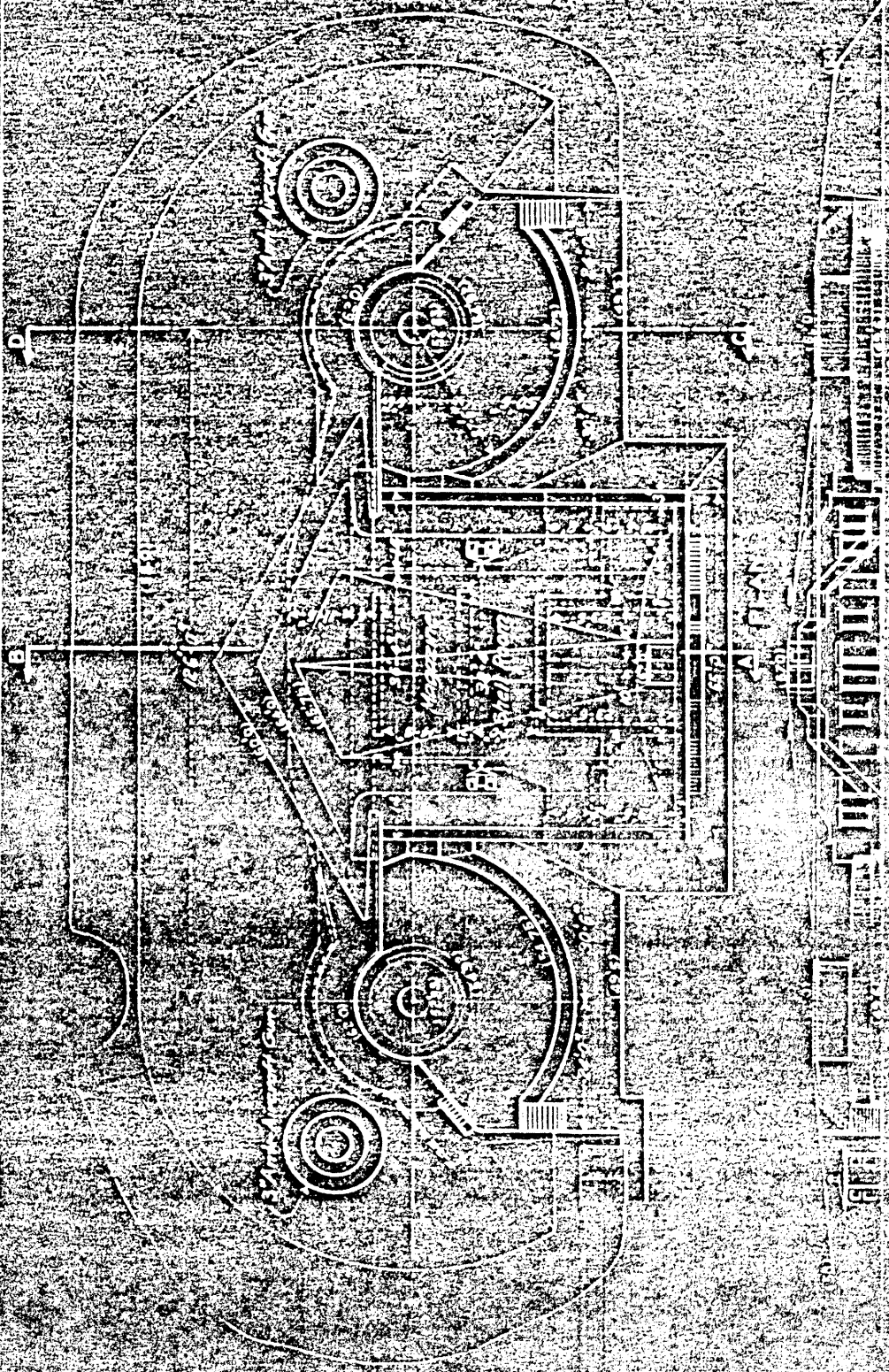
nr 3	Drawing 1	17th
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REPORT OF COMPLETION WORKS - SEACOAST FORTIFICATIONS
(Battery Plan)

COAST DEFENSES OF PORTLAND, MAINE
FORT WILLIAMS
BATTERY GARRESCHIE
No. 60 gun

(No. 100 mm)
Caliber 6

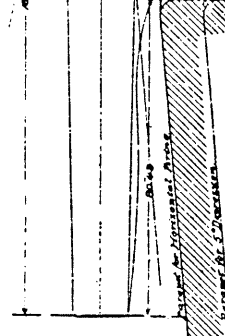
Form 7 Corrected to Dec. 1, 1928.



Scale 1" = 100'



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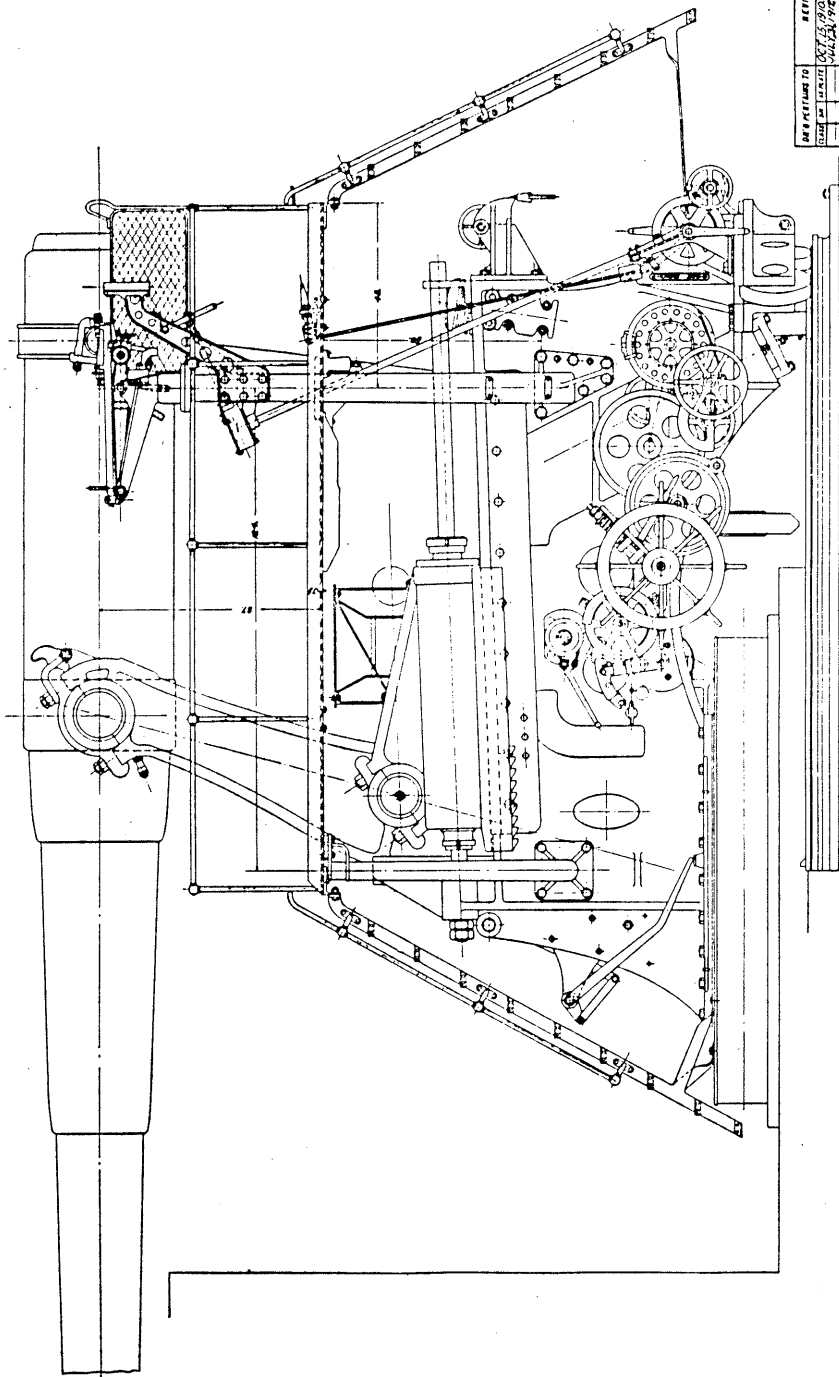
Approved: *H. M. Livingston*
 Brigadier General
 Chief of Ordnance.

Class 4	Division 3	Drawing 1	File
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Dec 15 1903 Arrived 1834. NY 12 13. 22 1901 Arrived 1901. JAN 2 1908. MAY 12 1908. JULY 1, 1909. SEPT. 29 1909. JAN 23 1910.

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1691



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REPORT COMPLETE WEST SEACOAST FORTIFICATIONS
(Battery plan)

COAST DEFENSES OF PORTLAND, MAINE
FORT WILLIAMS
BATTERY DEHART

No. of guns 2

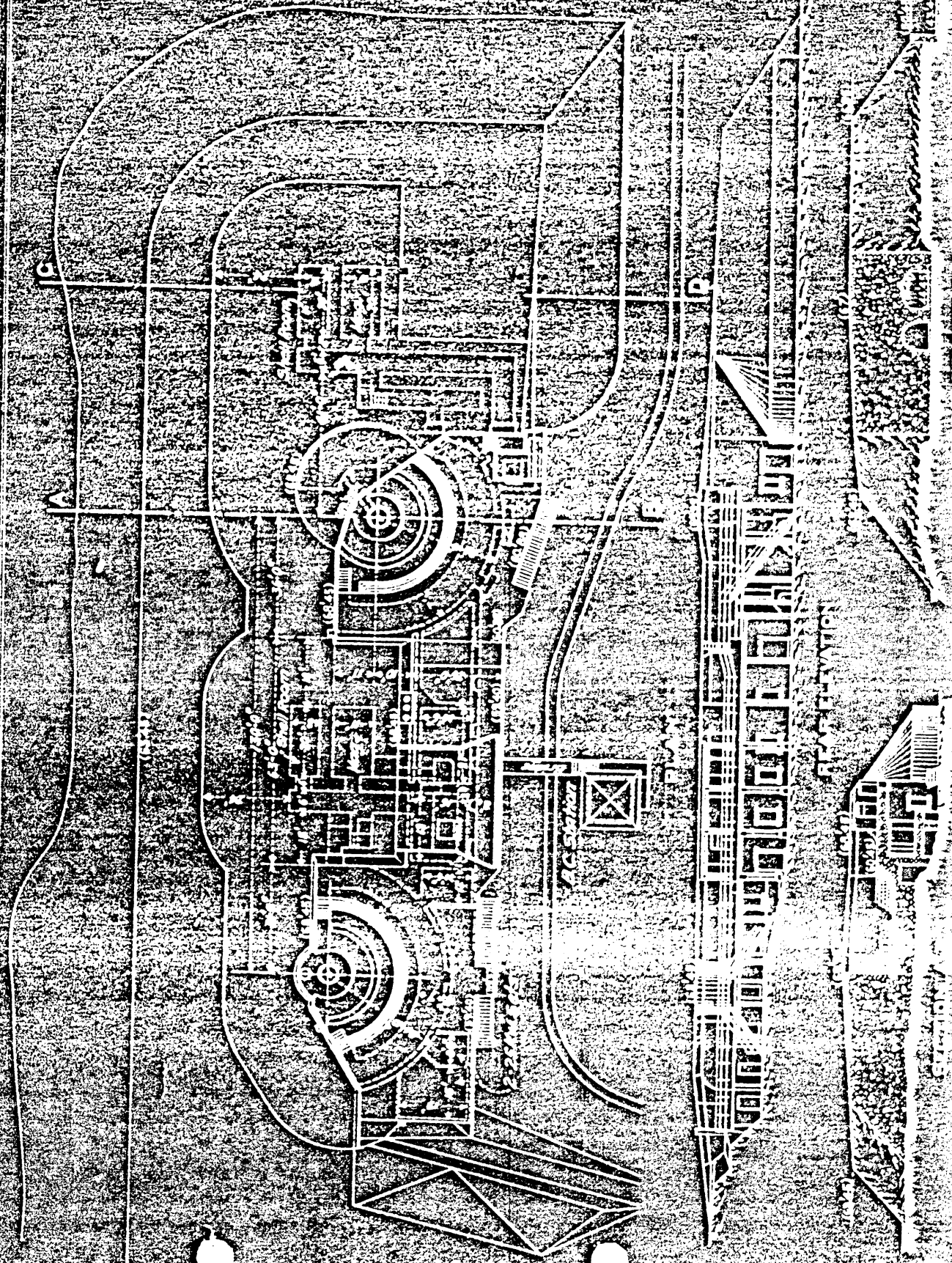
Caliber 10"

Carriage Dis. L.F.

Form 7

Corrected to Jan. 1, 1922.

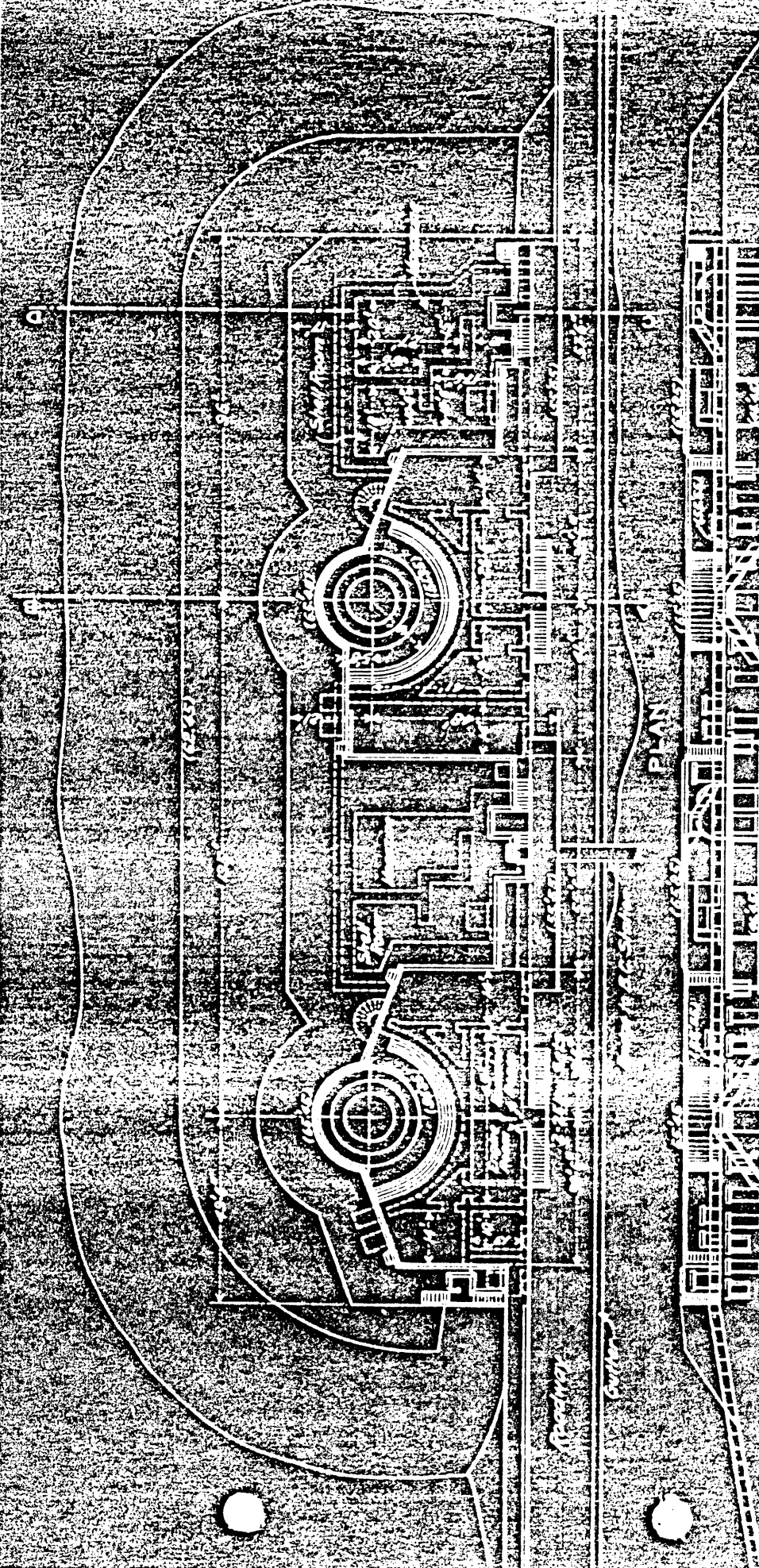
1917



REPORT COMPLETED WORKS - SEACAST FORTIFICATIONS
(Battery Plan)

COAST DEFENSES OF PORTLAND, MAINE
FORT WILLIAMS
BATTERY BLAIR
No of guns 2
Caliber 121
Carriage Dis. L.P.

Form 7
Corrected to May 1920



PLAN

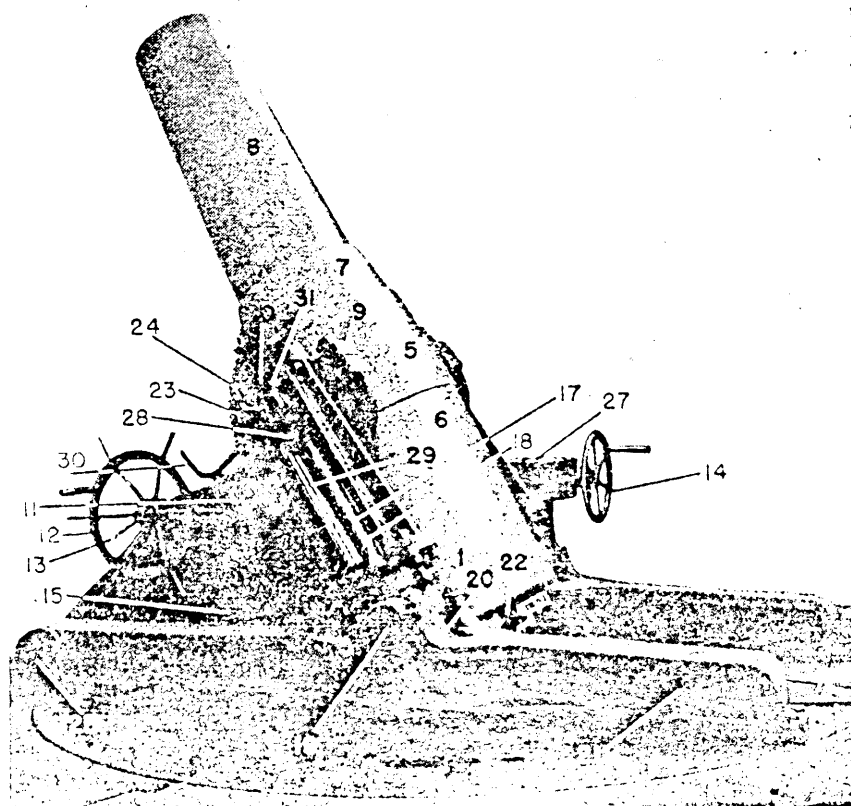
REAR ELEVATION



SECTION C-D



SECTION A-B



- | | |
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| 1. Recoil cylinder filling hole and plug. | 17. Piston rod. |
| 2. Racer. | 18. Stuffing box. |
| 3. Graduated azimuth scale. | 19. Recoil cylinder trunnion. |
| 4. Removable floor plate. | 20. Recoil cylinder. |
| 5. Trunnion band or hoop. | 21. Side rails. |
| 6. "A" row. | 22. Breech mechanism. |
| 7. "D" row. | 23. Elevation quadrant. |
| 8. "C" row. | 24. Elevating rack. |
| 9. Trunnion cap square. | 25. Saddle trunnion. |
| 10. Buffer plates and cushions. | 26. Shot truck track. |
| 11. Top carriage or saddle. | 27. Traversing gear box. |
| 12. Elevating handwheel. | 28. Cross head. |
| 13. Elevating friction clamp. | 29. Cross head guide. |
| 14. Traversing crank. | 30. Zero elevation locking device lever. |
| 15. Spring columns. | 31. Trunnion grease cup. |
| 16. Floor plates. | |

FIGURE 13.—12-inch mortar, M1890M1, mounted on carriage M1896M1.

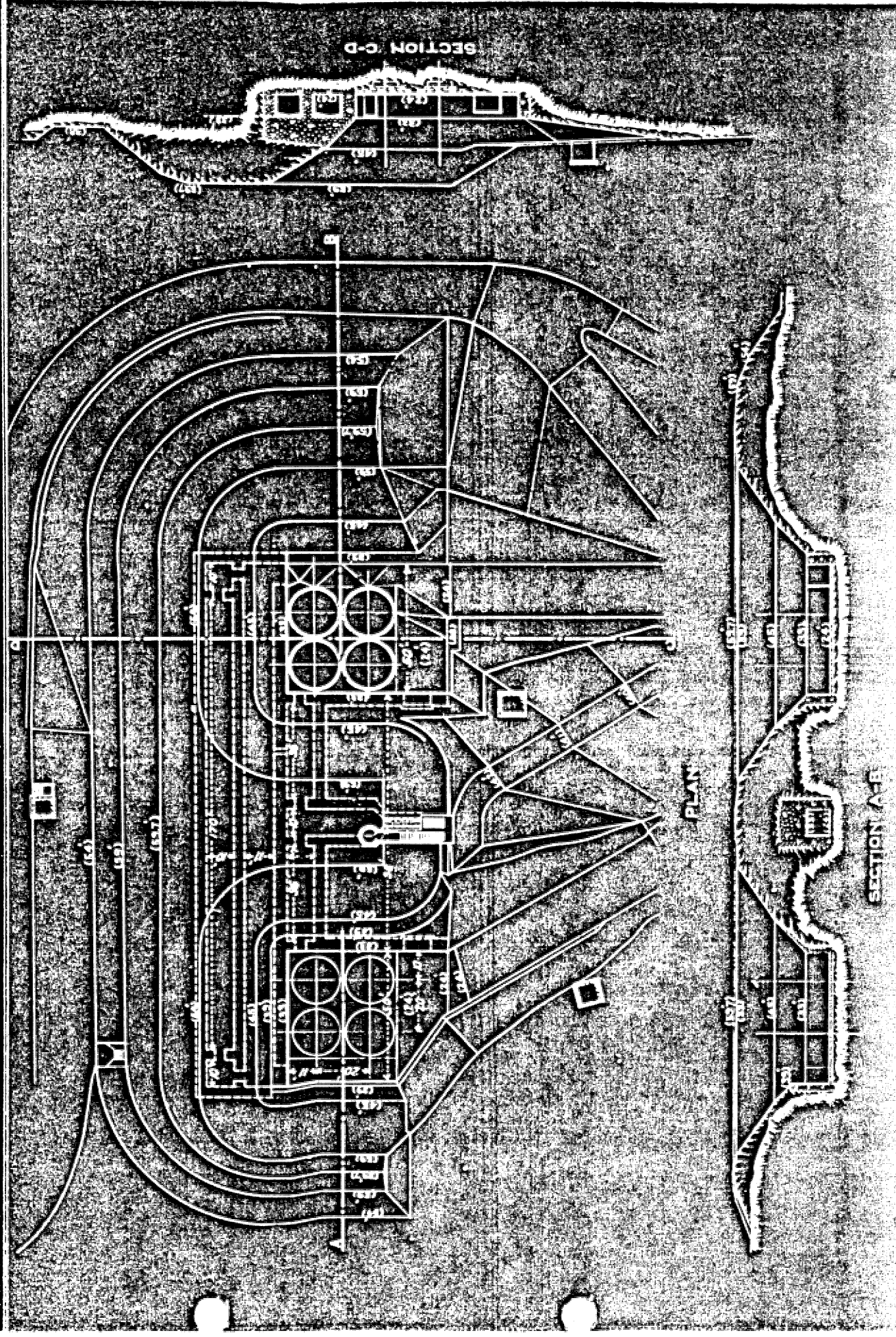
REPORT OF COMPLETED WORKS--SEACOAST FORTIFICATIONS
(Battery Plan)

COAST DEFENSES OF PORTLAND, MAINE
FORT PREBLE
BATTERY CHASE

No. of guns 4
Caliber 12"
Carrriage Mof.

Form 7
Corrected to Mar. 1, 1920.

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SECTION A-B

SECTION C-D

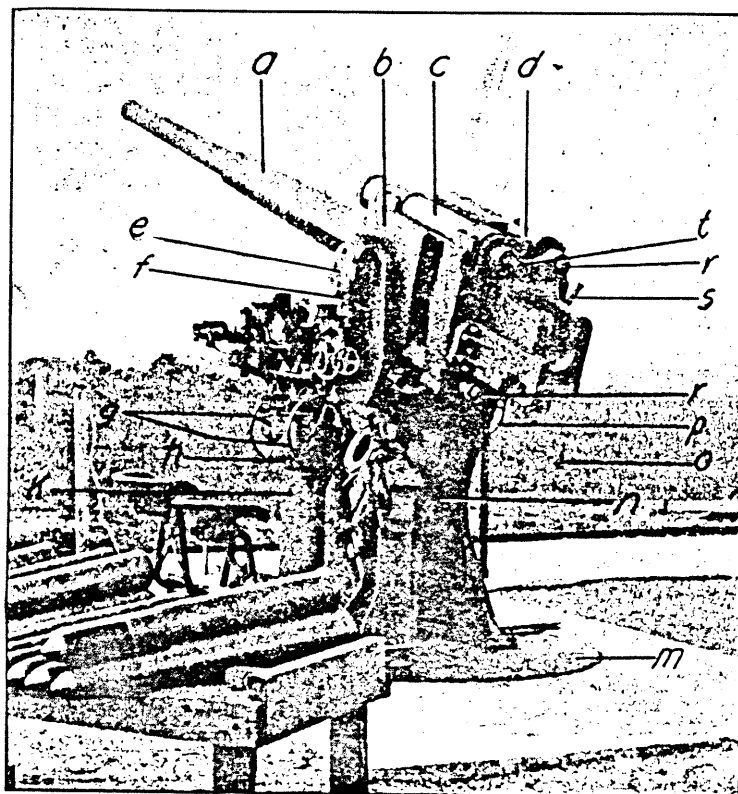


FIGURE 155.—3-inch AA mount, M1917M1 (left side) (with M1917M11 gun and experimental pointing equipment).

- | | |
|----------------------------|------------------------------|
| a. Gun. | k. Traversing shaft. |
| b. Cradle. | m. Racer. |
| c. Counterrecoil cylinder. | n. Pivot yoke. |
| d. Recoil cylinder. | o. Lanyard. |
| e. Antifriction device. | p. Elevating handwheel. |
| f. Belleville springs. | r. Recoil piston rod. |
| g. Traversing handwheels. | s. Operating handle. |
| h. Traversing gear case. | t. Counterrecoil piston rod. |

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS

Corrected by Dec 11 1921

COAST DEFENSES OF SANDY HOOK FORT HANCOCK

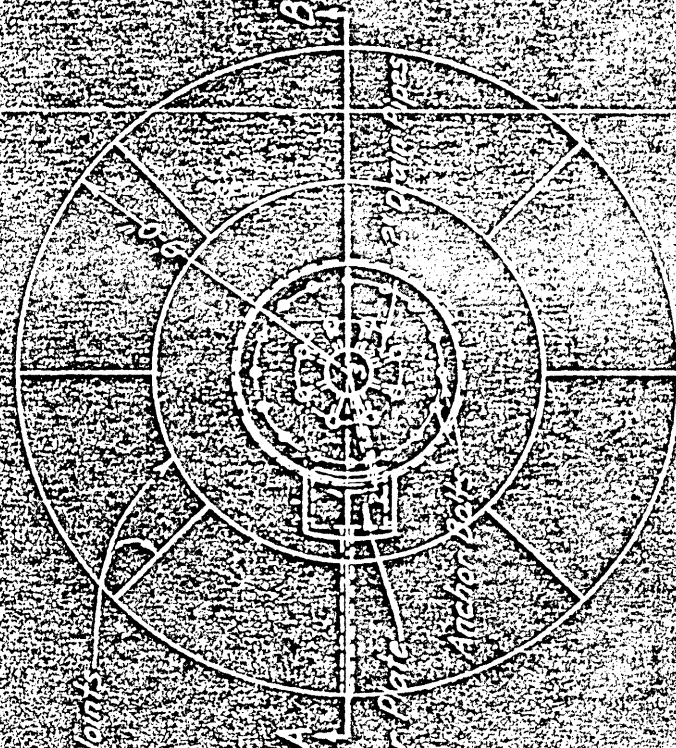
BATTERY "B"

NOT GUNS

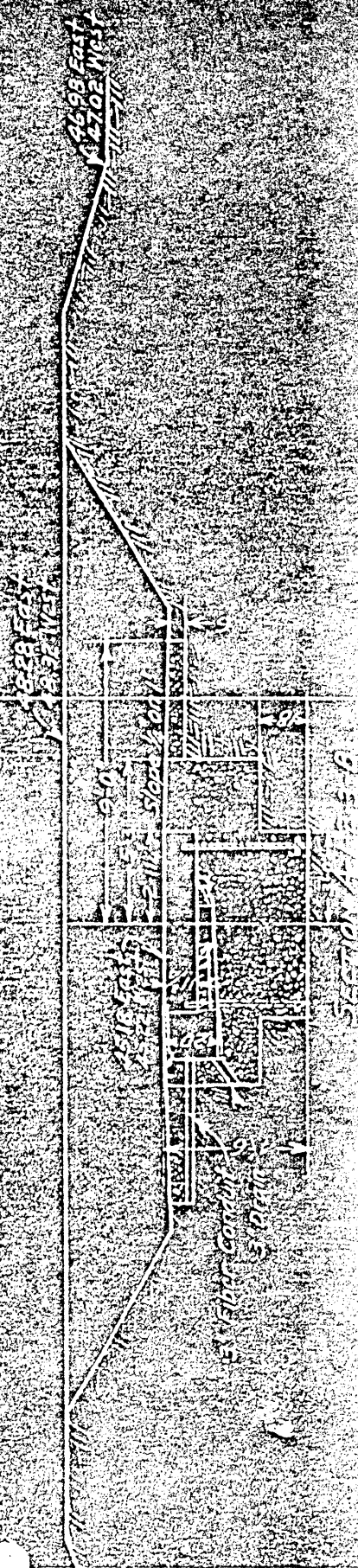
Caliber 3

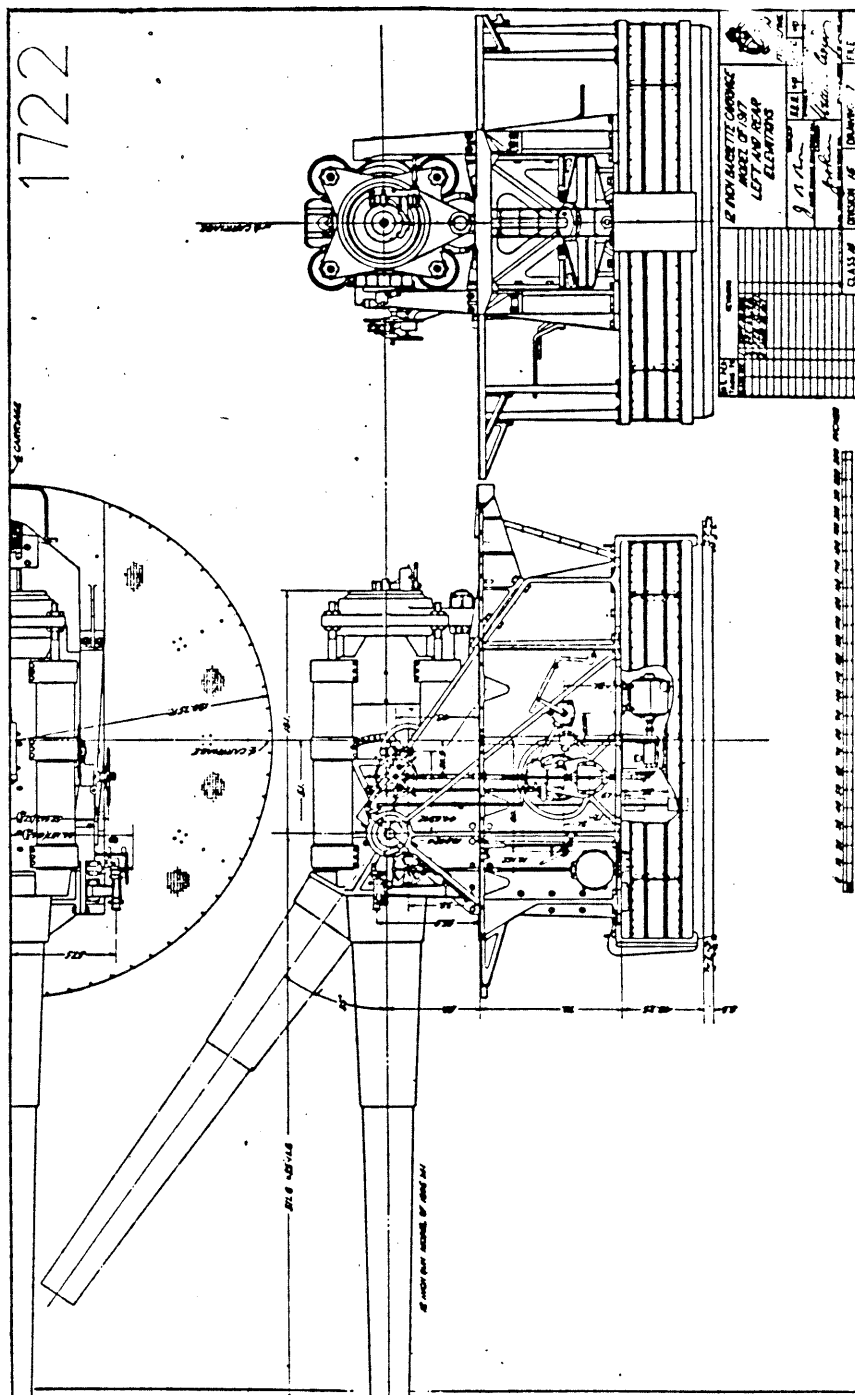
Caliber 311

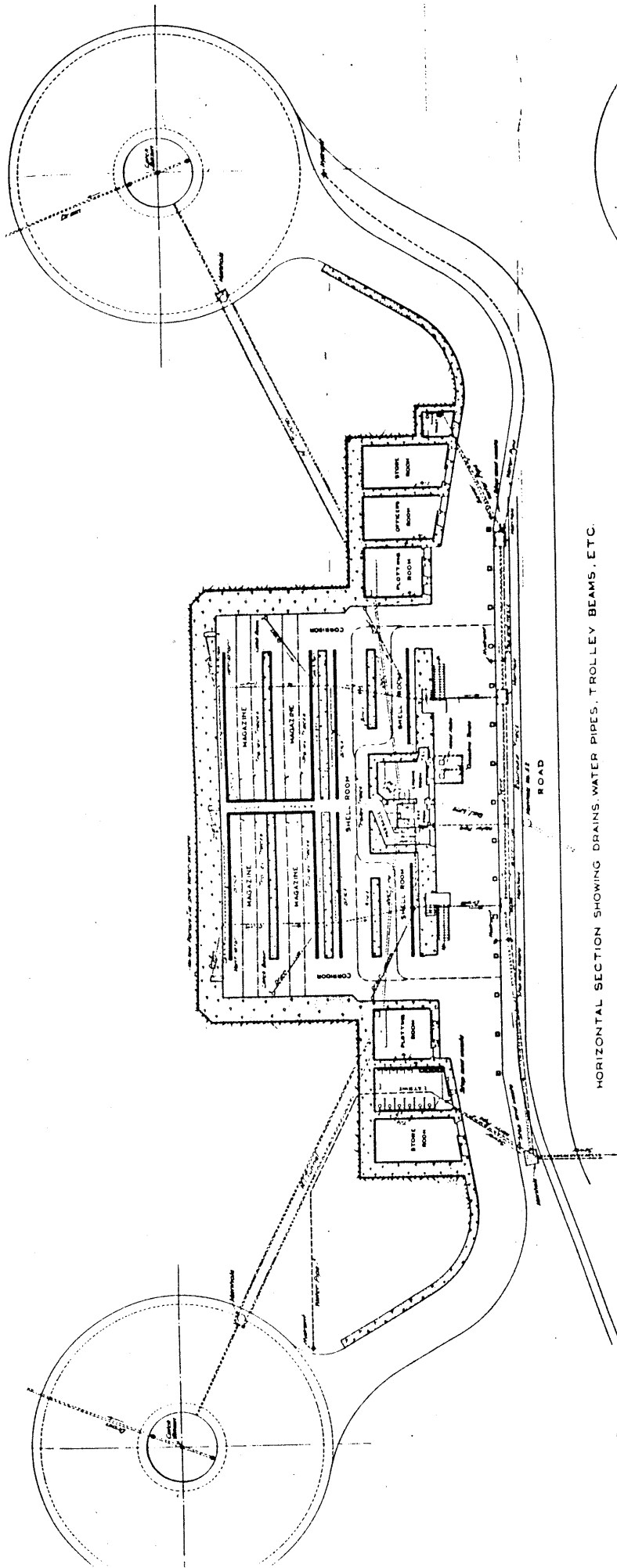
Guerrilla AAC Model 1917



NOTE: Distance from Gun No 1 to Gun No 2 126' ±



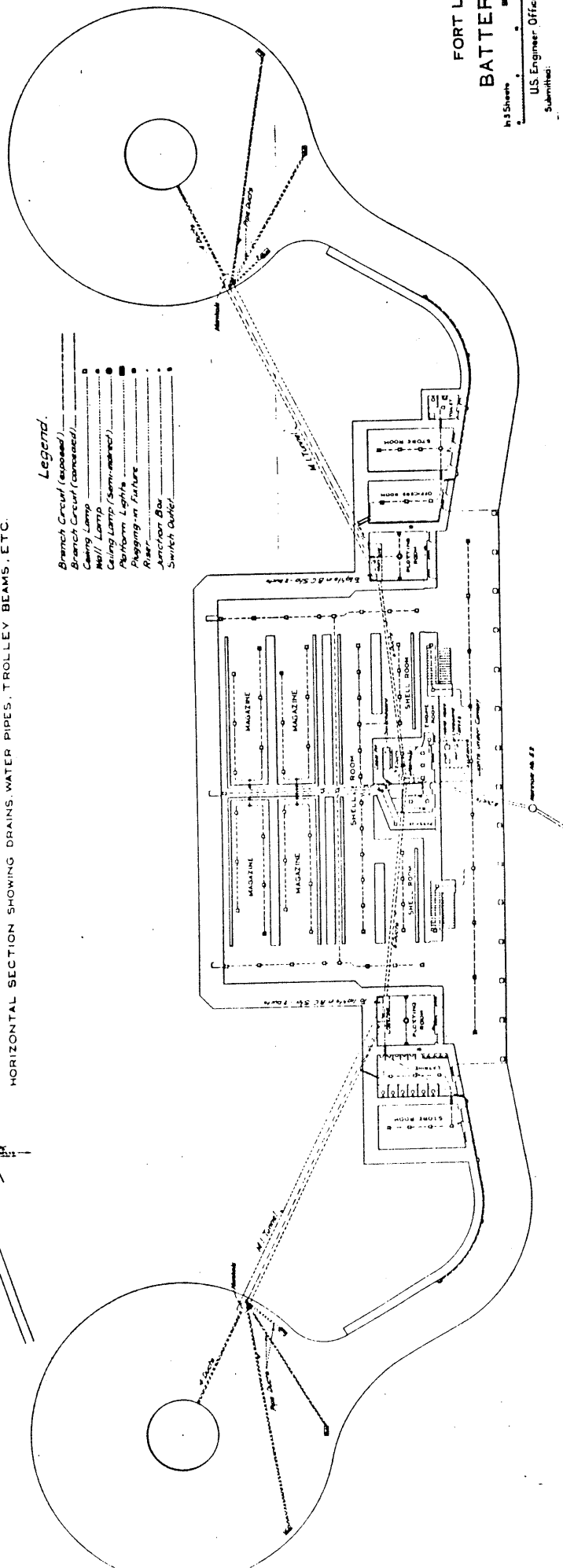




HORIZONTAL SECTION SHOWING DRAINS, WATER PIPES, TROLLEY BEAMS, ETC.

Legend.

- Branch Circuit (enclosed).....
- Cable Lamp.....
- Wall Lamp.....
- Ceiling Lamp (semi-enclosed).....
- Perforated Light.....
- Plugging-in Fixture.....
- Riser.....
- Anchor Box.....
- Switch Outlet.....



~~SECRET~~

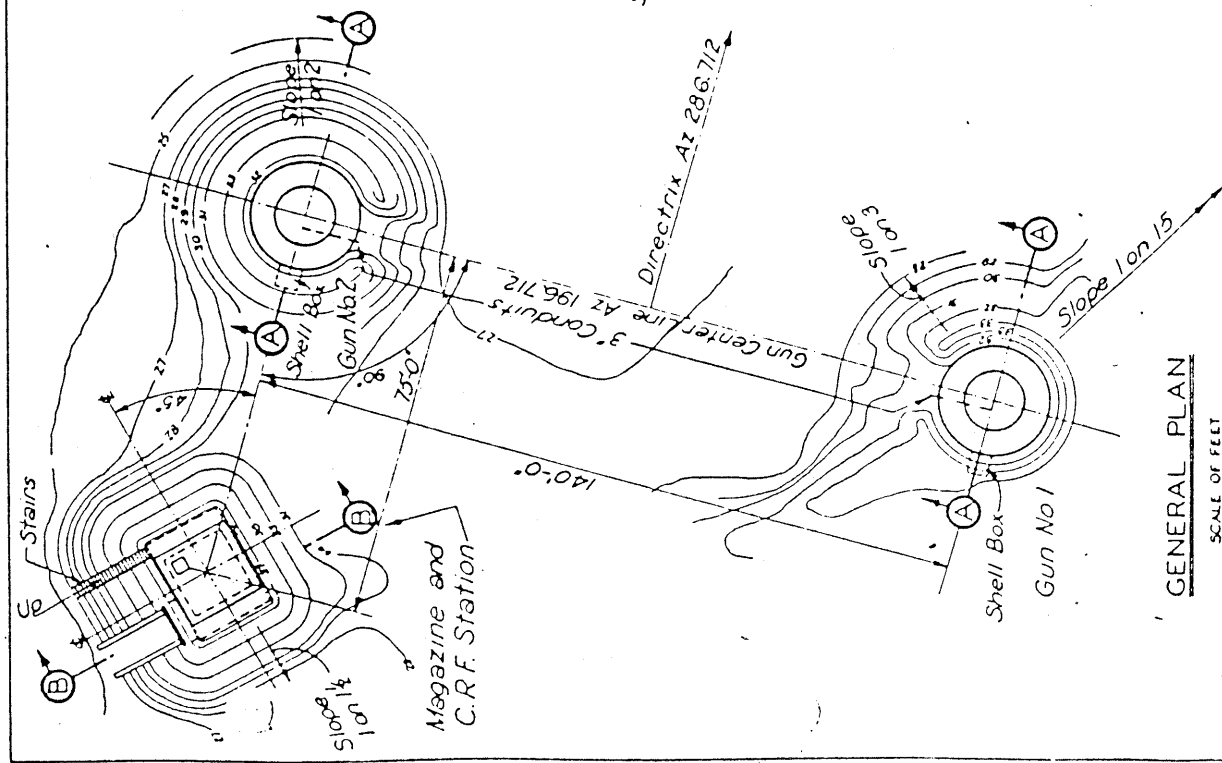
REPORT OF COMPLETED WORKS-SEACOAST FORTIFICATIONS
(Individual Battery)

HARBOR DEFENSES OF Boston, Mass.
FORT DAWES
STRUCTURE Re-location of Battery

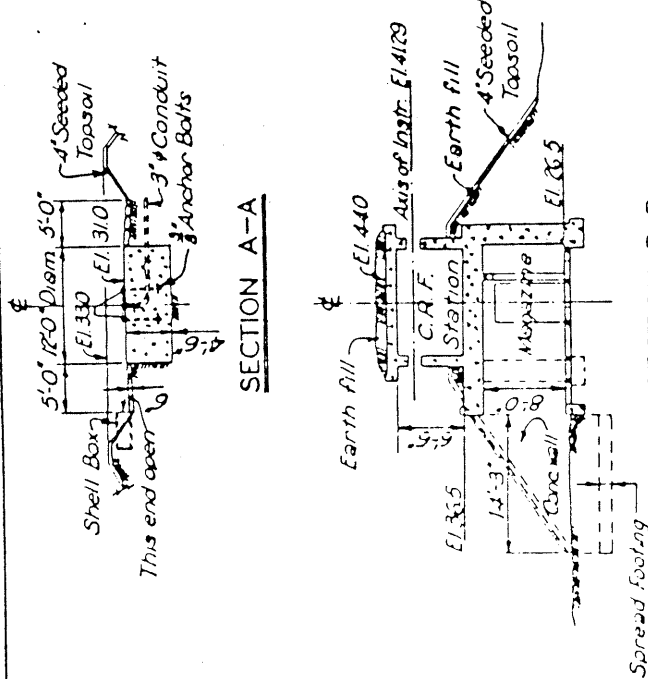
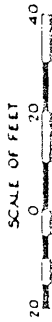
Taylor Location No. 127.

Corrected to 1 November 1943.

Part VII.

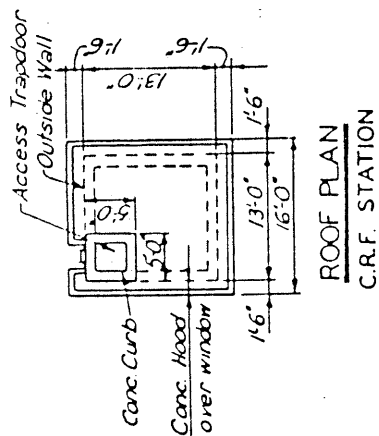


GENERAL PLAN

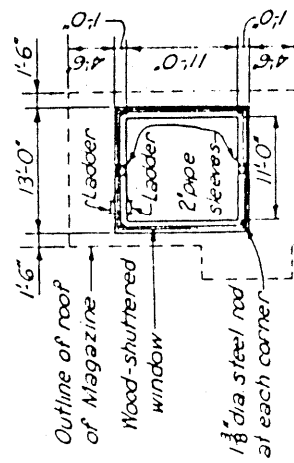


SECTION A-A

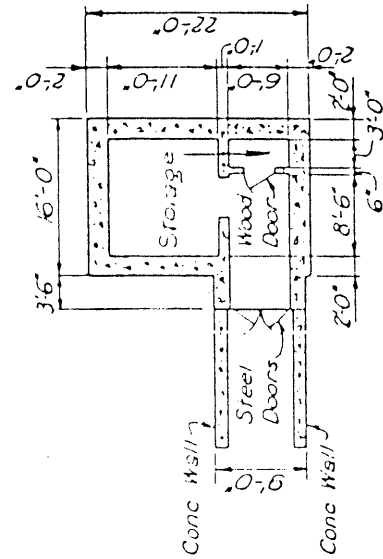
SECTION B-B



ROOF PLAN
C.R.F. STATION



FLOOR PLAN
C.R.F. STATION



FLOOR PLAN - MAGAZINE



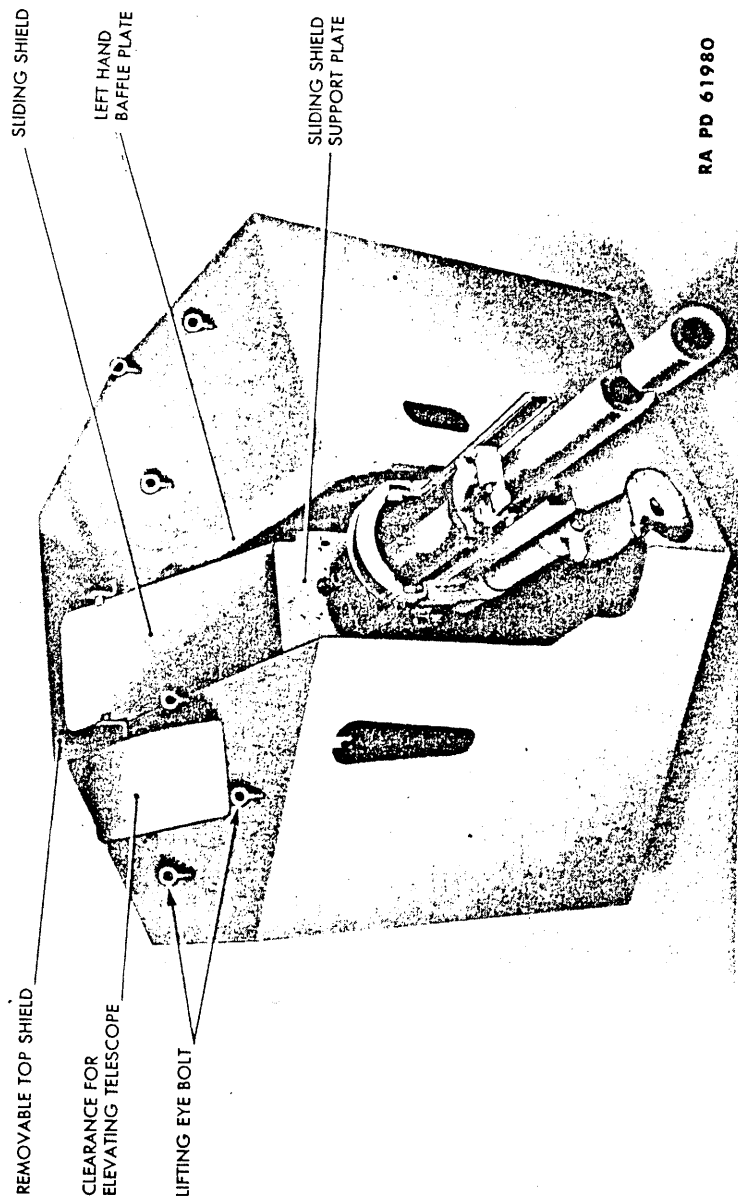
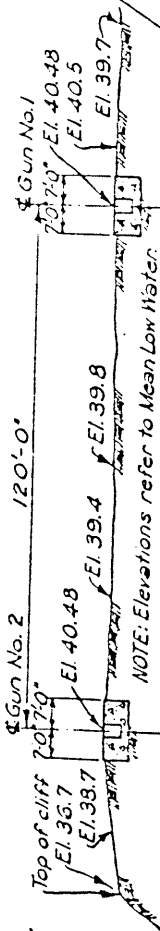
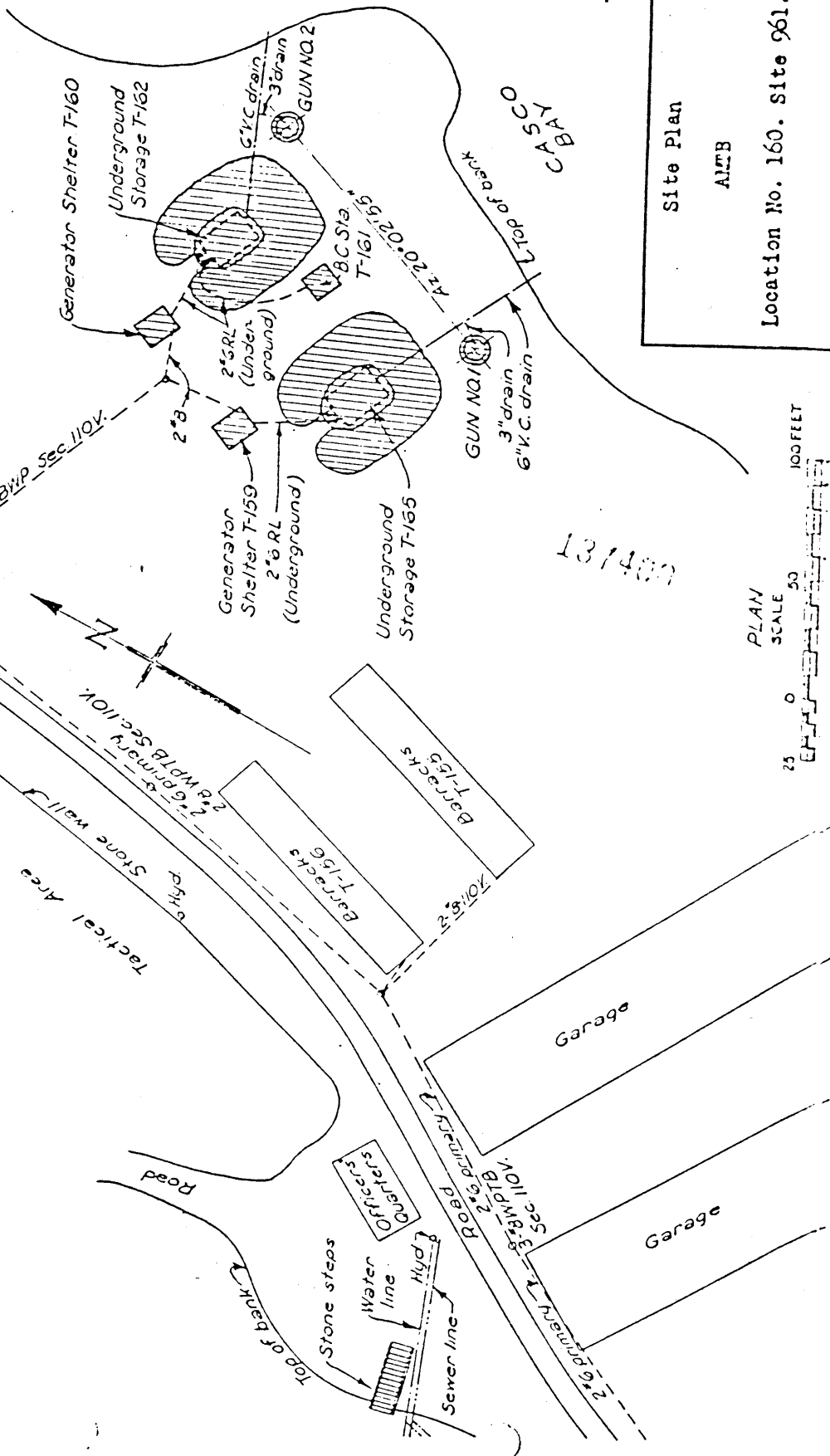


Figure 110. Shield for all-around protection (90-mm gun).



LONGITUDINAL SECTION THRU GUN BLOCKS



Site Plan

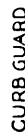
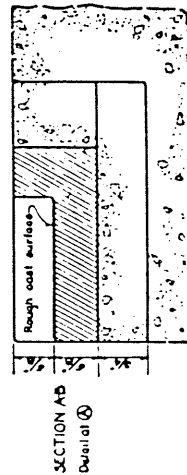
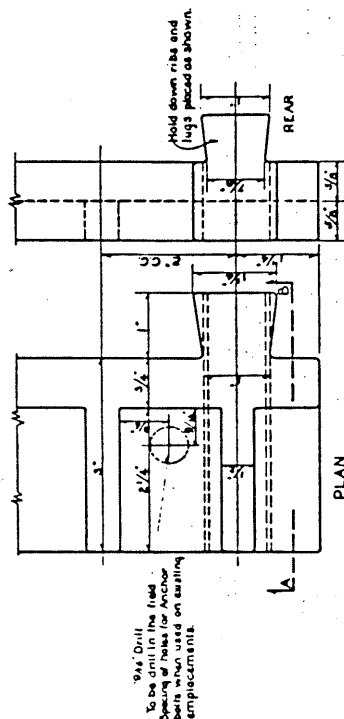
ALTB

Location No. 160. Site 961.

(Sheet 3 of 5 Sheets)

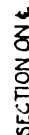
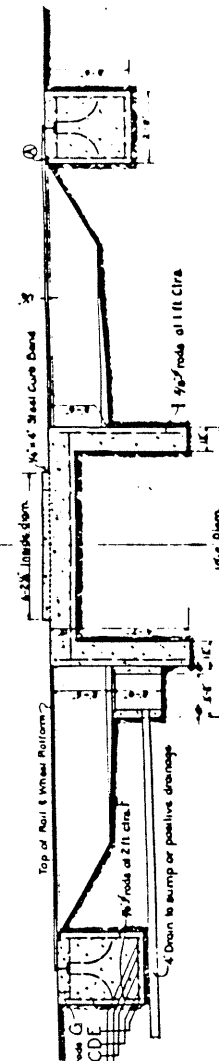
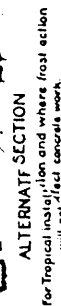
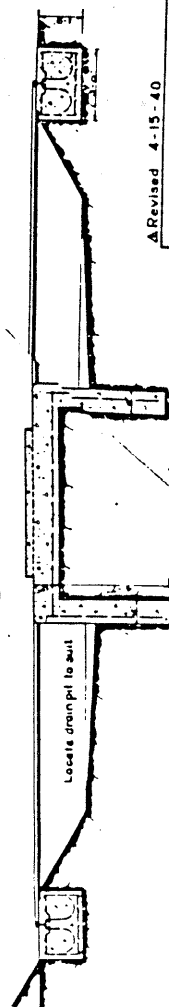
■ Cut to required lengths - see Plan 79761b Δ

MATERIAL LIST
1111' x 11ft 70lb ASCE. Rail
4 Splice and Anchors (complete)
30 Anchors
1 Gr. Curb Band (steel)
16 Sections CurbGuard (cast iron)
56 cu yd concrete 12-4 Mix



EAST 189M

Full size



For further info see doc of ISS w/ Gun
File No. 63-106-34
mnl:ccr

Revised 4-15-40

155 MM GUN EMPLACEMENT
360° TRAVERSE

LIBRARY

MAIL ROOM DIVISION

OFFICE OF THE CHIEF OF ENGINEERS, WASHINGTON, D. C. SEC. 4

APPROVED: *[Signature]*
 SPECIAL AGENT IN CHARGE

J. B. Little
 Capt. Corps of Engineers

APPROVED: _____
Chief, Classification Section

[Handwritten signature]

FILE NO.
65-106-54C

Lateral - Copy at Langport

11

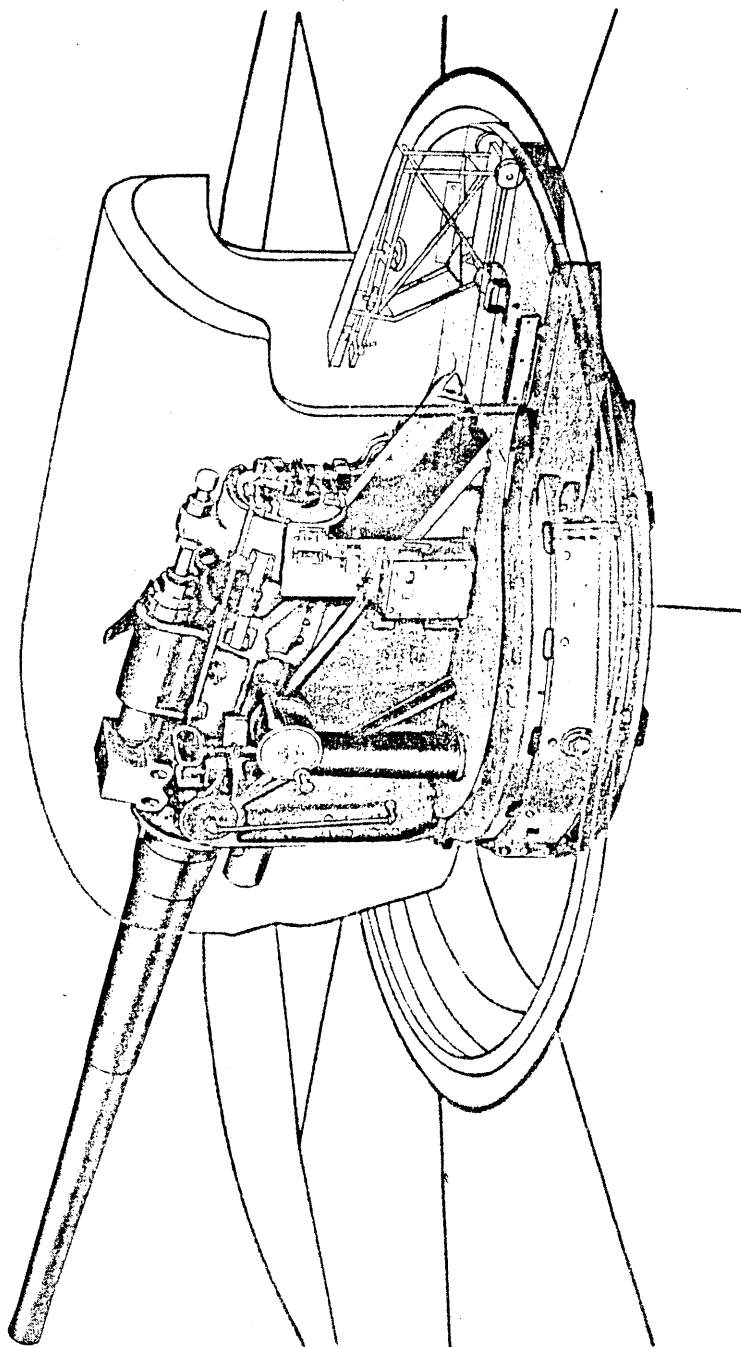
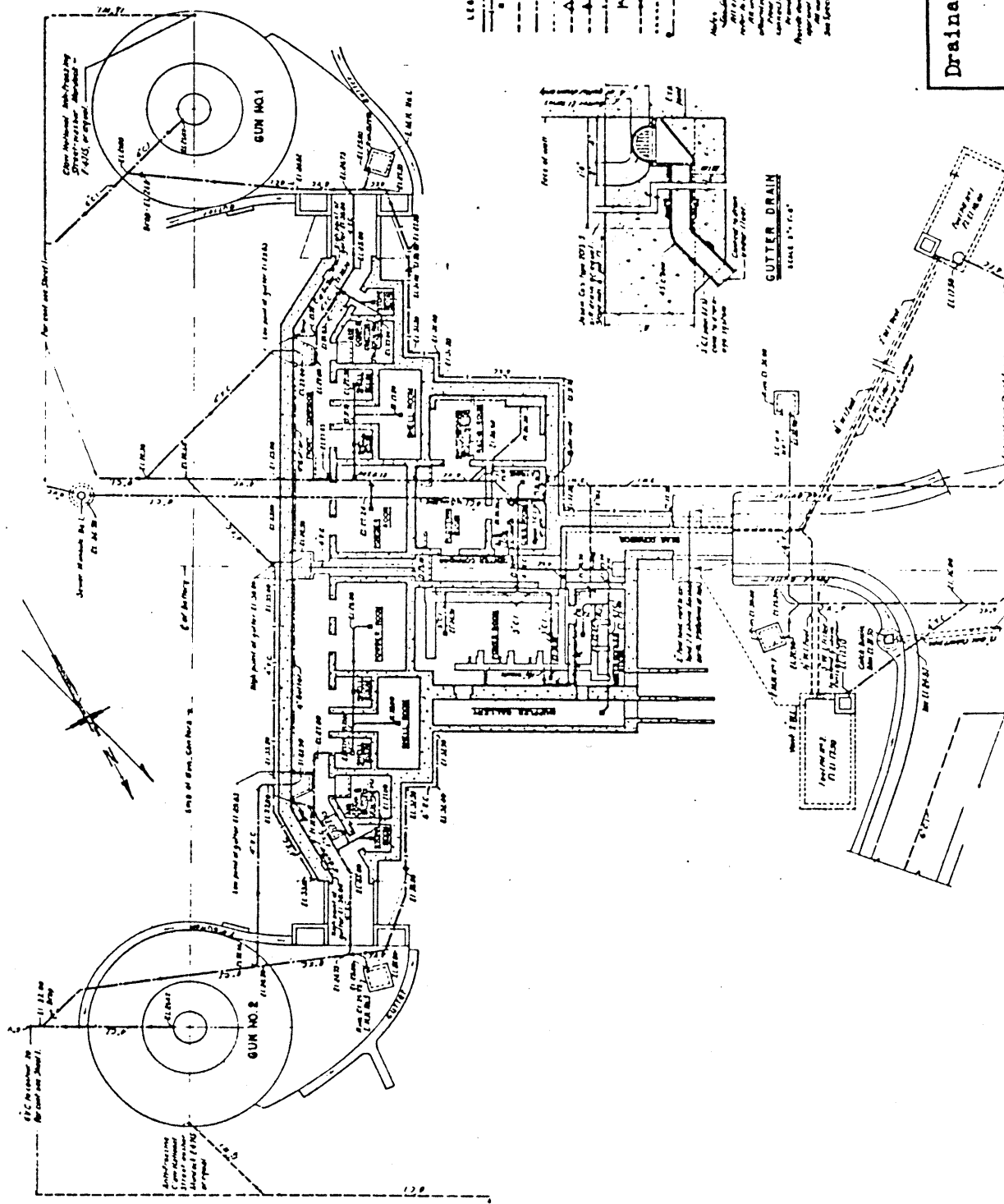


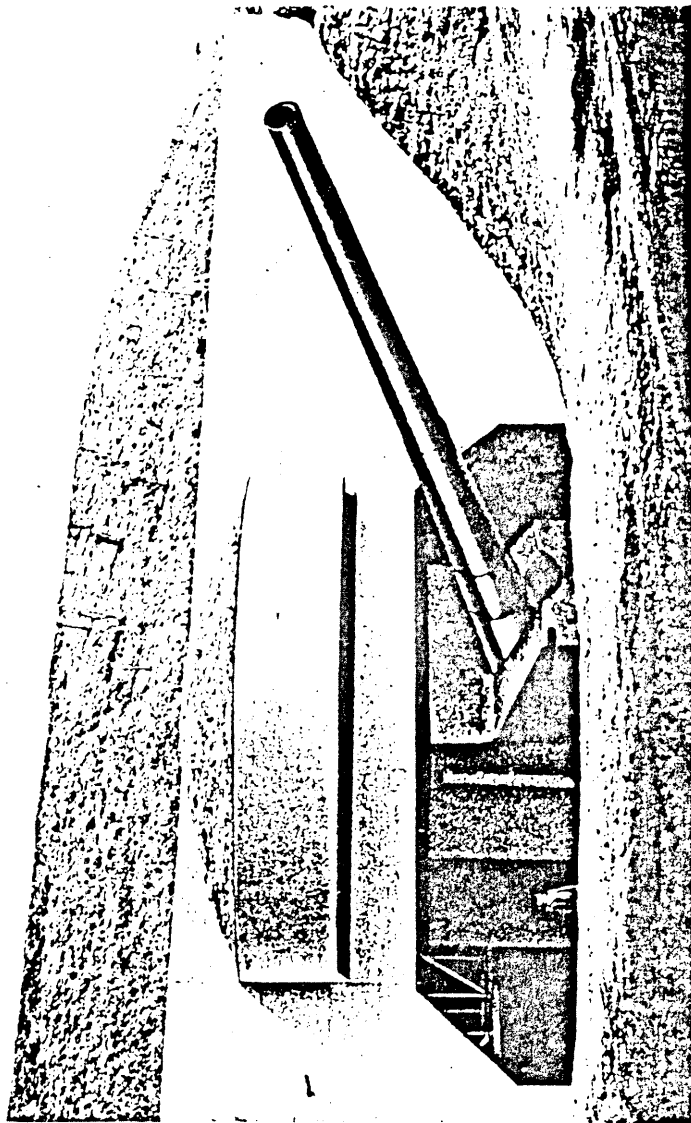
Figure 53. 6-inch gun mounted on barbette carriages M1 and M2 (shield in phantom) RA PD 110778



Drainage, Water and Sewerage Layout

Battery 205
Location No. 148. Site 1A.
Fort Foster

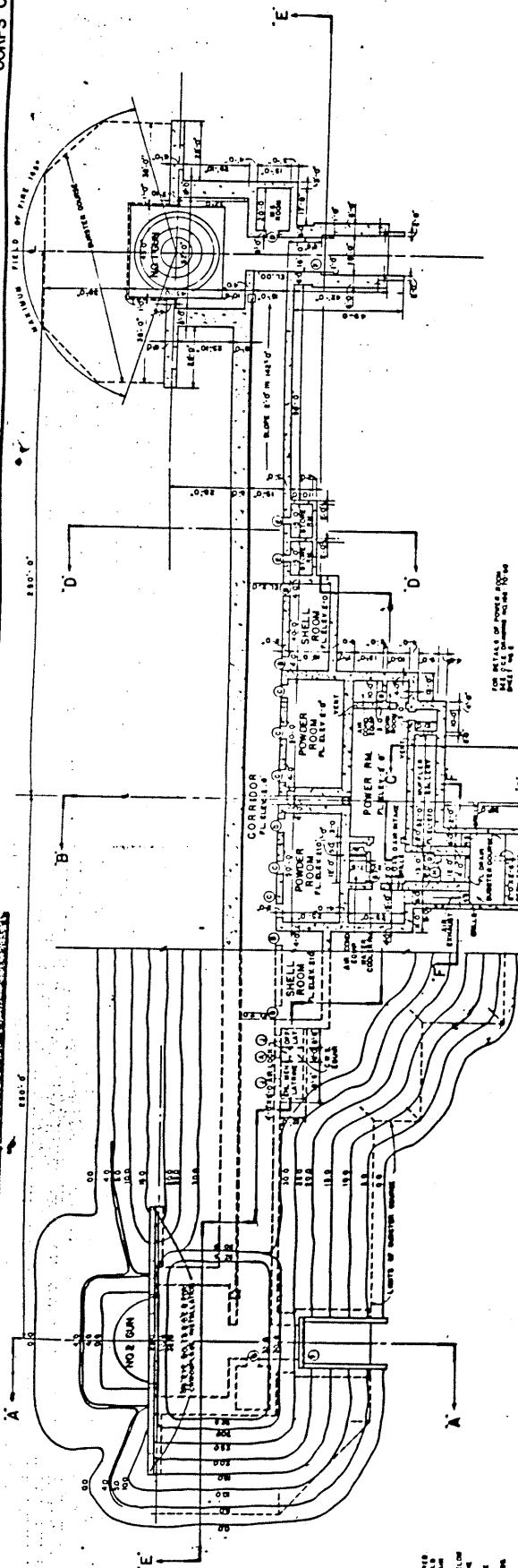
(Sheet 7 of 9 Sheets)



NA PD 110779

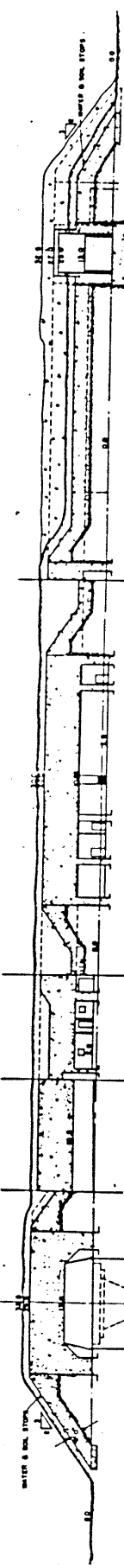
Figure 53. 16-inch barbed carriage in excavate.

THE SHIELD SHOWN IS
THE FORGED STEEL
SHIELD FOR THE 16-IN.
BARBETTE CARRIAGE
M1919 M3. THE SHIELD
FOR THE M4 MOUNT
IS CAST AND HAS
THE CORNERS AND
SURFACES ROUNDED.

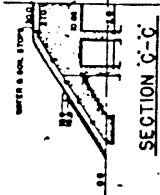


HALF - TOP - PLAN

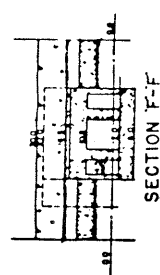
SECTIONAL - PLAN



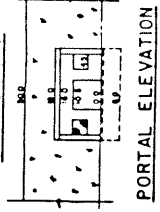
SECTION E-E



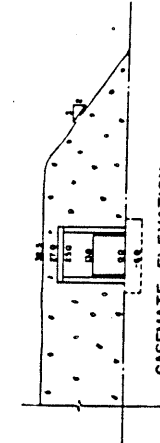
SECTION C-C



SECTION F-F



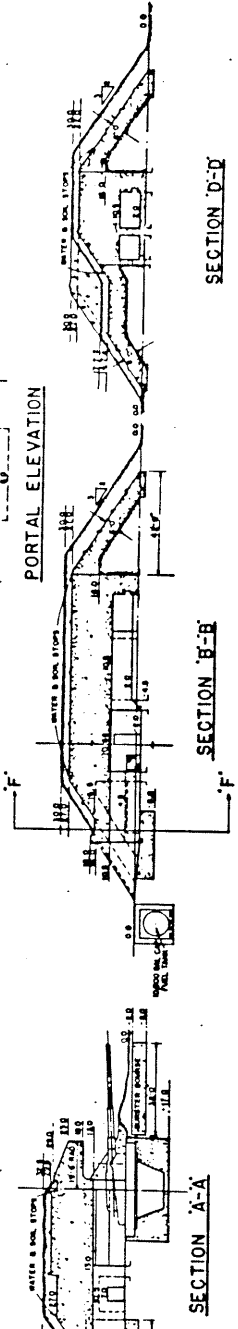
PORTAL ELEVATION



CASEMATE ELEVATION

CONFIDENTIAL

APPROVED FOR		DATE
COMMITTEE		DATE
DESIGNED BY		DATE
CHECKED BY		DATE
REVISIONS		DATE
NO	DATE	APPROVED
<p>16" CASEMATED BATTERY STRUCTURAL FEATURES GENERAL PLAN AND SECTIONS</p> <p>CONSTRUCTION DIVISION ENGINEERING BRANCH JUNE 12, 1942 FORTIFICATION SECTION</p> <p>DESIGNED BY: <i>James H. Kattan</i> CHECKED BY: <i>James H. Kattan</i> DATE: <i>June 12, 1942</i></p> <p>FILE NO. 188-70-64 SHEET NO. 1 OF 1</p>		



SECTION A-A

SECTION B-B

SECTION D-D

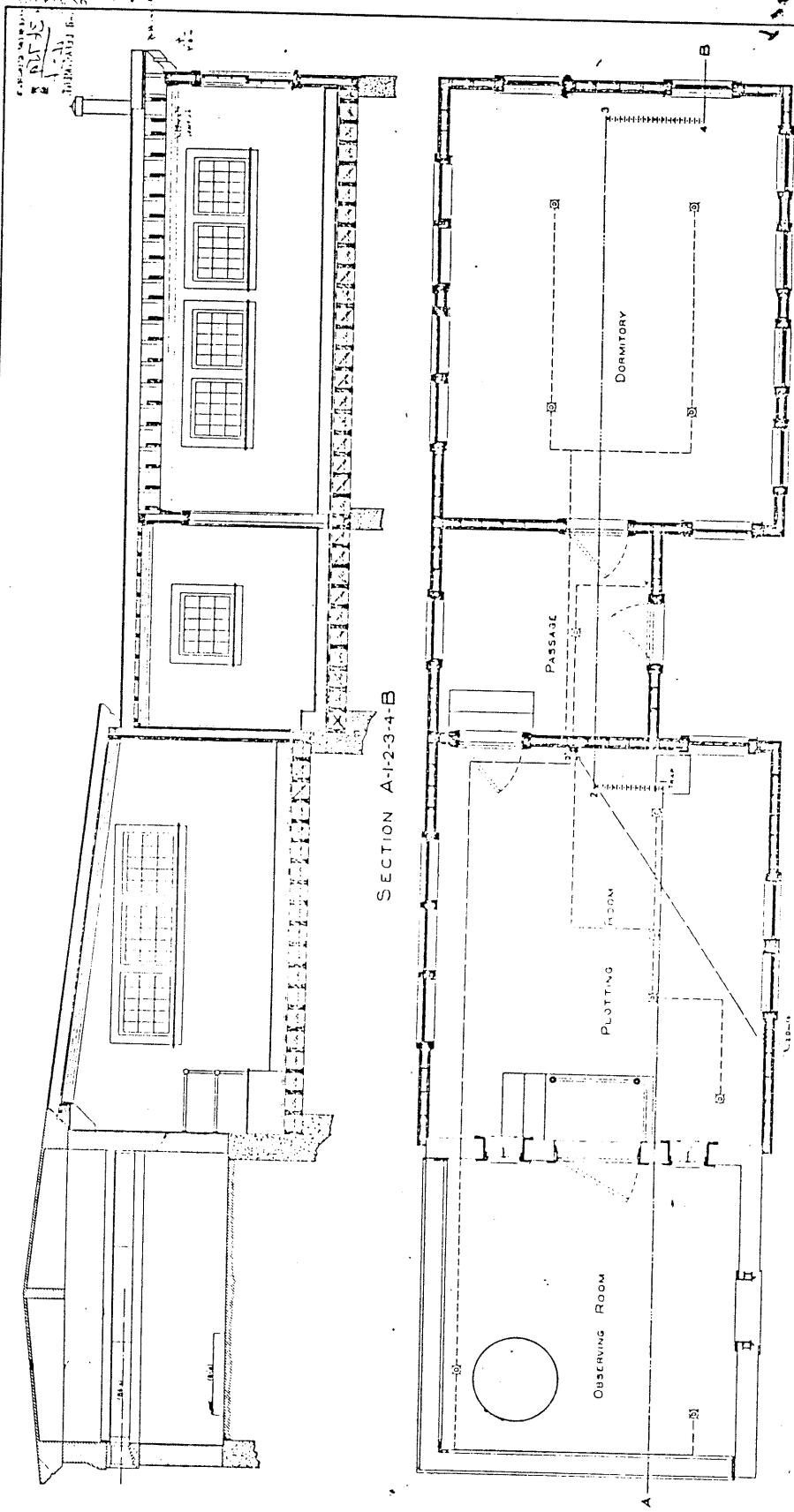
Annex 3--PLANS OF REPRESENTATIVE STRUCTURES

Endicott, Taft and the Inter-War Periods, 1891-1938

Battery Berry, Observing Room, Fort McKinley, 1908
 Battery Honeycutt, Observing Room, Fort McKinley, 1909
 Battery Thompson, Observing Room, Fort McKinley, 1908
 Battle Commander's Station, Fort McKinley, 1908
 Cable Tank, Fort Williams, 1908
 Combined Primary and Secondary Station, Fort Williams, 1907
 Combined Range Finding Station, Peaks Island, 1909
 Combined Stations, Fort McKinley, 1909
 District Signal Station, Fort Levett, 1909
 Double Mine Station, Fort Williams, 1908
 Double Mine Station, Fort Williams, 1908
 Electric Plant, Fort McKinley, 1905
 Fire Commander Station, Fort McKinley, 1902
 Fire Control Station, Jewells Island, 1934
 Mining Casemate, North Fork, Fort McKinley, 1909
 Mining Casemate, North Fork, Fort McKinley, 1920
 Observing Station, Fort Preble, 1905
 Protected Mining Casemate, Fort Williams, 1918
 Range Finder Station, Battery Farry, Fort McKinley, 1919
 Searchlight Installation, Long Island, 1917
 Searchlight Observing Station, Fort Lyon, 1910
 Searchlight Power House, 1911
 Switchboard Building, Fort Preble, 1920
 Switchboard Building, All-Around Protection, Fort Levett, 1918
 Switchboard Building, South Fork, Fort McKinley, 1908
 Temporary Searchlight Tower-Timber, Fort Williams, 1906
 Torpedo Shed, Fort Gorges, 1897
 Torpedo Storehouse, Fort Williams, 1908
 Torpedo Loading Room, Fort Williams, 1907
 Wharf and Tramway, Fort McKinley, 1910

World War II, 1939-1945

B.C. Station, AMTB Battery, Fort Williams, 1943
 Mine Casemate, Type Plan for 10 Mine Groups, n.d.
 Operations Building, SCR-296A, n.d.
 Observation Station, Bailey Island, 1944
 Observation Tower, Cape Neddick, 1943
 Observation Tower, Fort Foster, 1943
 Plotting Room (side view), n.d.
 Plotting Room (top view), n.d.
 Underground Storage and Generator Building, AMTB, Fort Williams, 1943



FORT MCKINLEY
PORTLAND HARBOR, MAINE.
(B) BATTERY BERRY

SCALE 1/2" = 1'

U.S. Engineer Office,
Portland, Maine, April 29, 1908.
Transmitted to the Chief of Engineers, War Department,
with letter of this date.

10-79
42
r.s.m.

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

War Department.
May 20, 1908.
Approved: *Robert H. Lawrence*
Acting Secretary of War.

Office Chief of Engineers.
U. S. Army.
May 15, 1908.
Respectfully submitted to the
Secretary of War with recommen-
dation for approval.

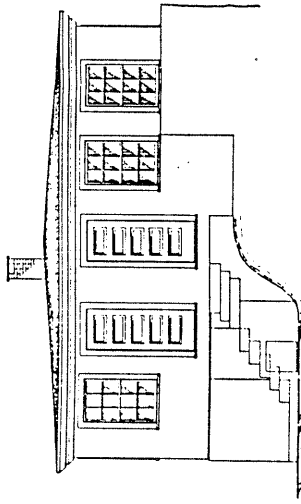
Edw. A. Molyneux—
Brig. Gen., Chief of Engineers
U. S. Army.

NOTE.
No holes should be made in walls or rails driven into woodwork.
Necessary cutting and supports will be provided by the Engineer Department.
Type of Construction.— Wooden frame and cement plaster, in addition to our brick covering station.

PLAN

[illegible]

100-100-100
 100-100-100
 100-100-100



END ELEVATION

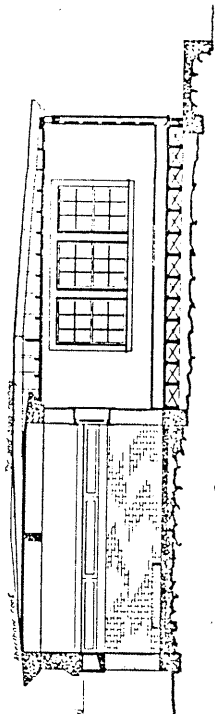
NOTE:
 This building is to be constructed of concrete and steel, with a flat roof. The walls are to be 12 inches thick, and the floor is to be 6 inches thick. The building is to be constructed on a concrete foundation.

- LEGEND
- 1. Concrete walls
 - 2. Steel reinforcement
 - 3. Flat roof
 - 4. Concrete foundation
 - 5. Steel reinforcement
 - 6. Concrete foundation
 - 7. Steel reinforcement
 - 8. Concrete foundation
 - 9. Steel reinforcement
 - 10. Concrete foundation

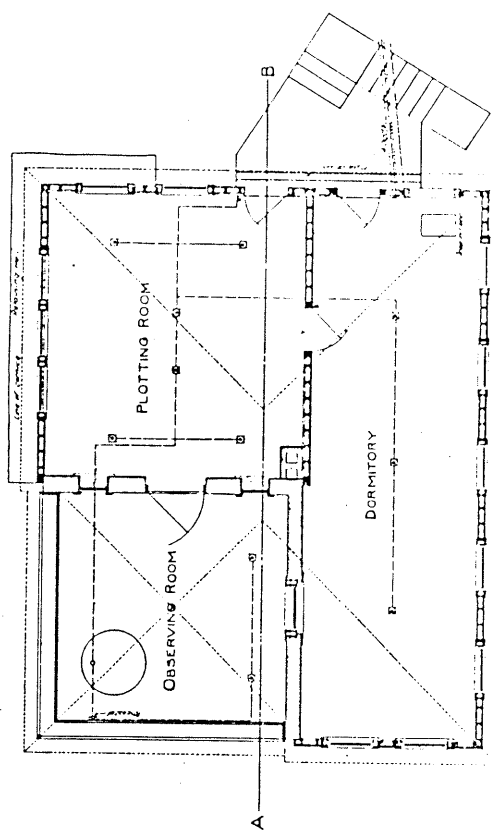
FORT MCKINLEY
 PORTLAND HARBOR, ME.
 BATTERY HONEYCUTT
 SCALE 1/4" = 1'-0"

Office Chief of Engineers,
 U.S. Army,
 Washington, D.C.

War Department,
 Approved, *[Signature]*
 for the Secretary of War,



SECTION ON A-B



FLOOR PLAN

Office Chief of Engineers,
 U.S. Army,
 Washington, D.C.

Acting Chief of Engineers,

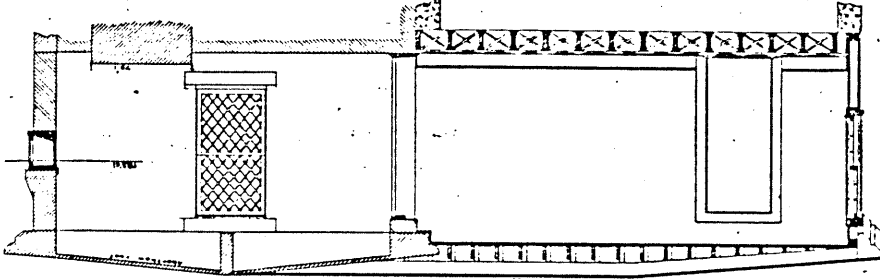
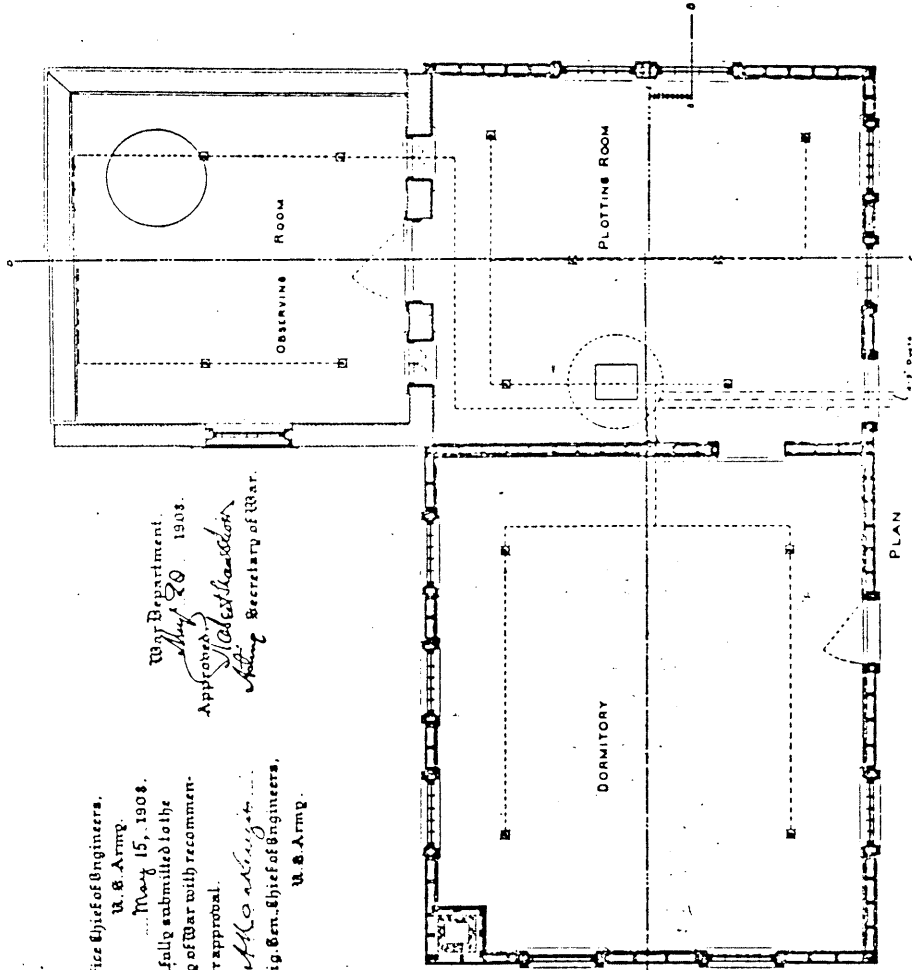
10-79
 51

Office Chief of Engineers,
U. S. Army.

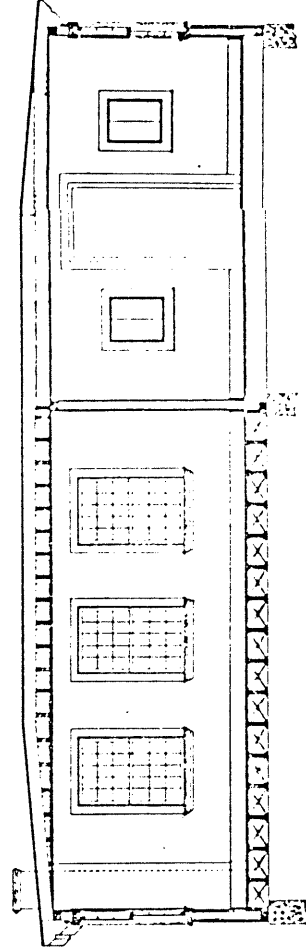
May 15, 1908.
Respectfully submitted to the
Secretary of War with recom-
mendation for approval.

W. H. King
Brig Gen. Chief of Engineers,
U. S. Army.

War Department,
May 20, 1908.
Approved:
W. H. King
Brig. Sec. of War.



FORT MCKINLEY,
PORTLAND HARBOR, MAINE.
B. BATTERY THOMPSON



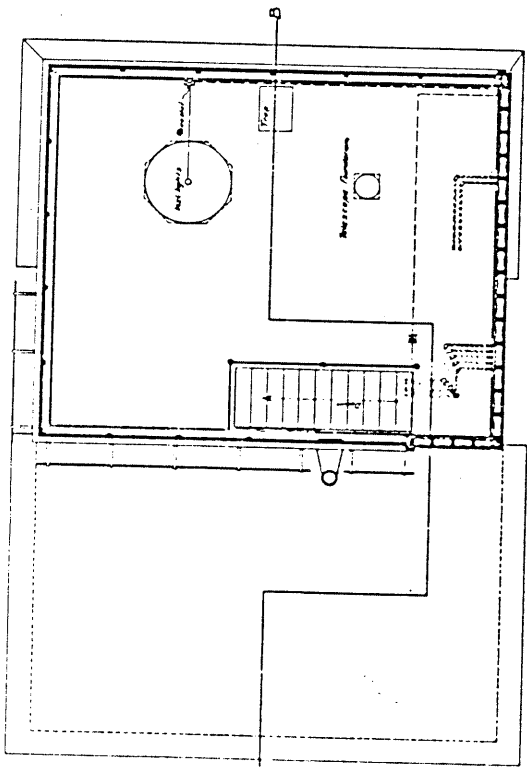
SECTION A12B

Note
No holes should be made in walls or ceiling drawn into woodwork.
Necessary cutting and supports will be provided by the Engineering Department.
Type of Construction: Wooden frame and cement plaster
in addition to six brick Observing Room.

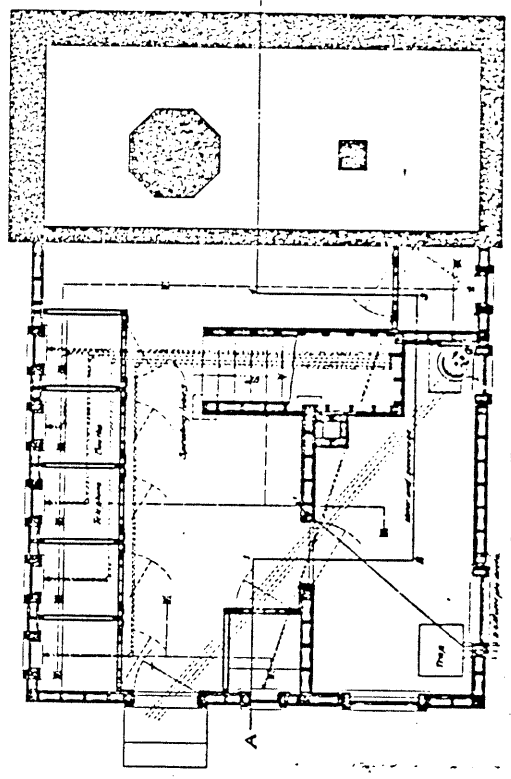
U.S. Engineer Office,
Portland, Me., April 29, 1908.
Transmitted to the Chief of Engineers, War Department,
with letter of this date.

W. H. King
Major, Corps of Engineers, U.S. Army

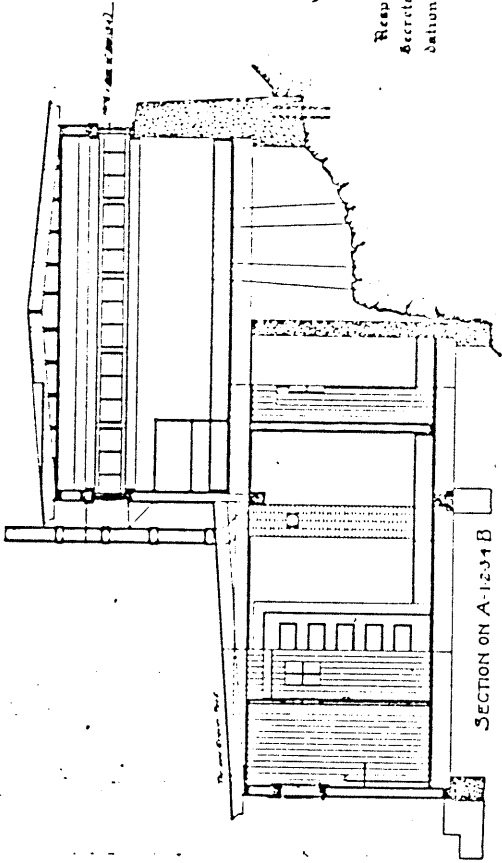
10-79
43



FIRST FLOOR PLAN



GROUND FLOOR PLAN.



SECTION ON A-1234 B

FORT MCKINLEY
PORTLAND HARBOR, MAINE.
BATTLE COMMANDER'S STATION.



SCALE 1 IN. = 1 FT.

Office Chief of Engineers
U. S. Army.
June 6, 1908.
Respectfully submitted to the
Secretary of War with recommen-
dation for approval.
Frederic V. Allen
Acting Chief of Engineers

U.S. Engineer Office
Portland, Maine June 28 1900

Transmitted to the Chief of Engineers War Department,
with letter of this date.

Eng. J. J.

Lieut. Colonel Corps of Engineers, U.S. Army

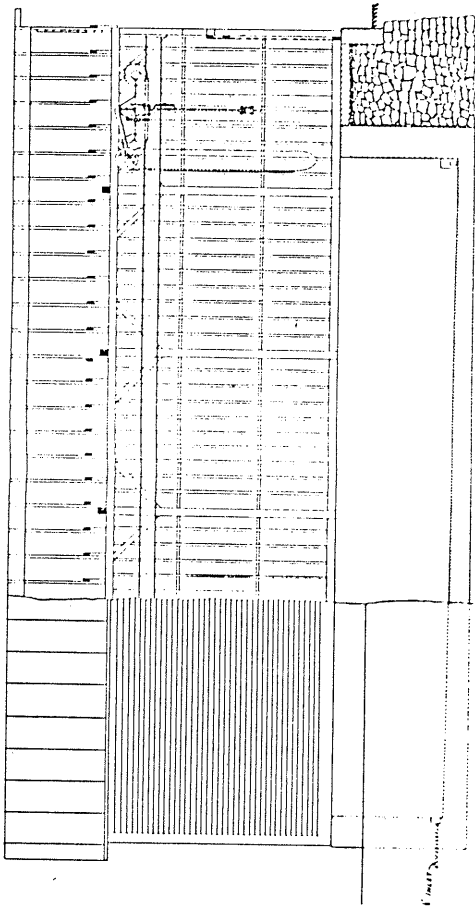
War Department.
July 8, 1903.
Approved. *William D. Wright*
Secretary of War.

NOTE
No axes should be made in this or any other and necessary cutting and supports will be provided by the (Superintendent)
Type of Construction - Wooden frame and cement plaster with heavy
green roof

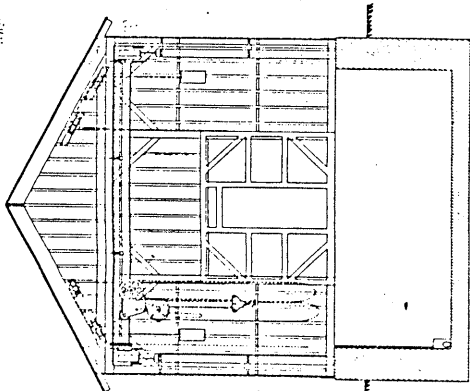
P.O. E. Land

Drawn 10
Sheet 12

10-32



ELEVATION AND SECTION A-B



SECTION C-D

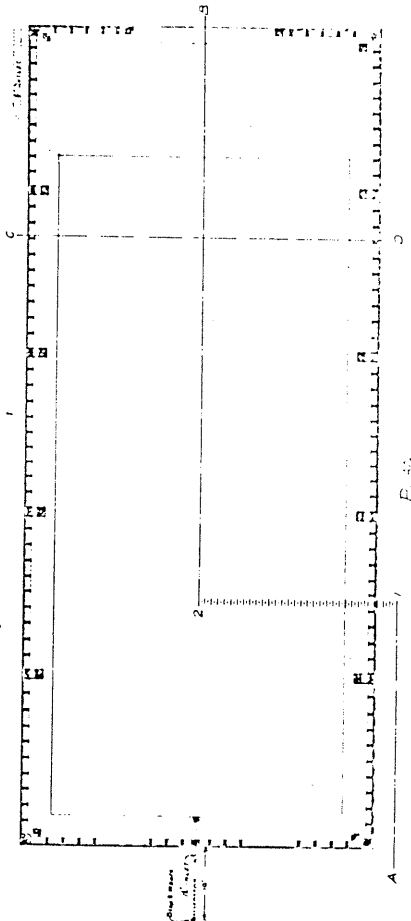
FORT WILLIAMS,
PORTLAND HARBOR, MAINE.
CABLE TANK

SCALE 1"=1'

U.S. Engineer Office
Portland, Maine, April 28, 1908
Transmitted to the Chief of Engineers, War Department,
with letter of the day.

Geo. A. Finner
Major, Corps of Engineers, U.S. Army

NOTE:
The capacity of the turning crane is 3 tons and this load
should not be exceeded.



Office Chief of Engineers.

U. S. Army

May 15, 1908

Respectfully submitted to the
Secretary of War with recommen-
dation for approval.

Wm. A. King

Brig Gen. Chief of Engineers.

U. S. Army.

War Department.

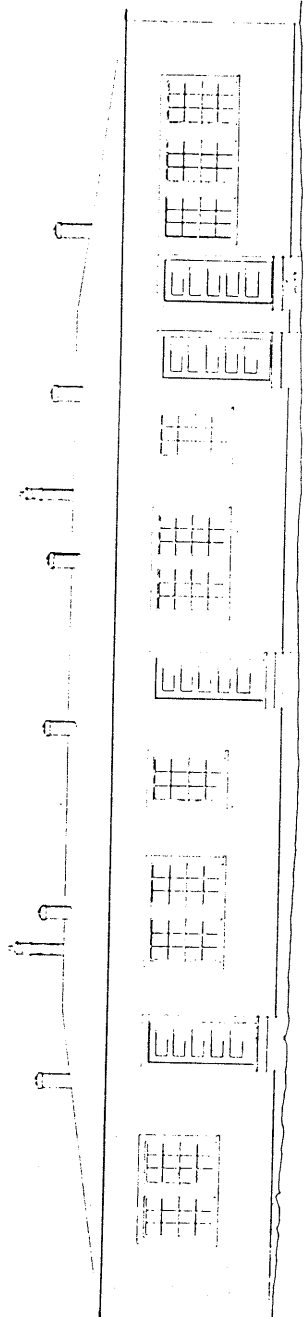
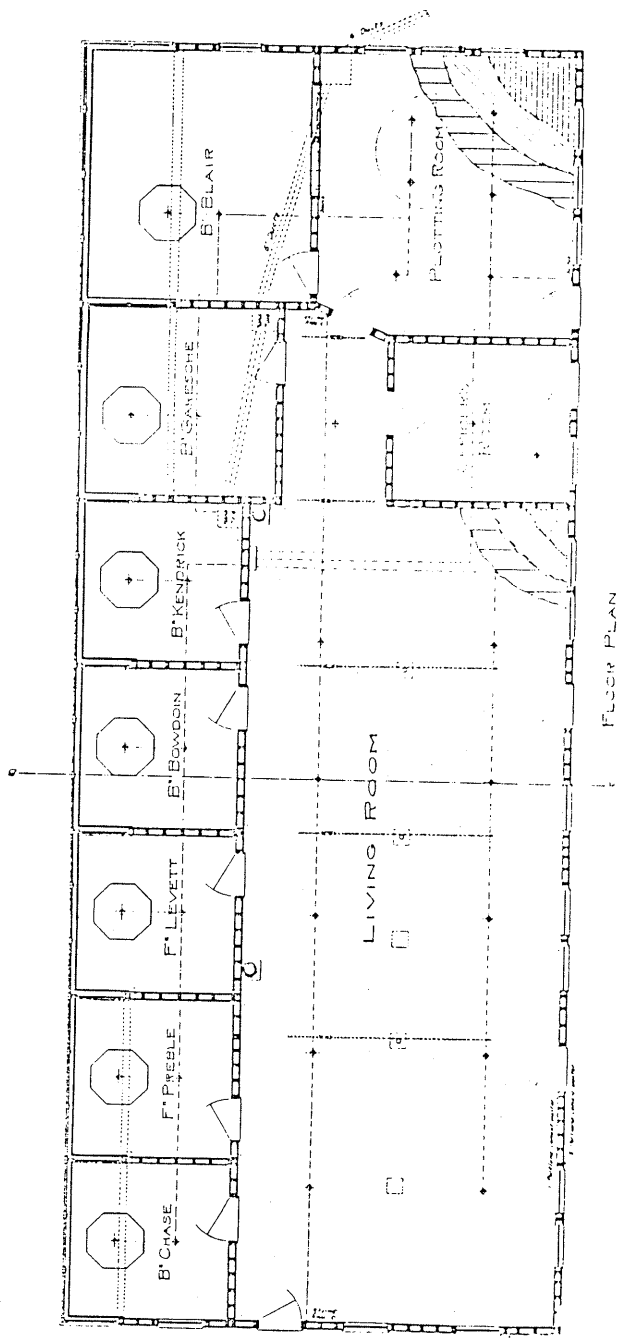
May 29, 1908.

Approved:

Robert Shaw

Acting Secretary of War.

12556
12557
12558



Office Chief of Engineers,
U. S. Army.
November 5, 1907.
Respectfully submitted to the
Secretary of War with recom-
mendation for approval.
C. C. Cummings
Briq Gen. Chief of Engineers
U. S. Army.

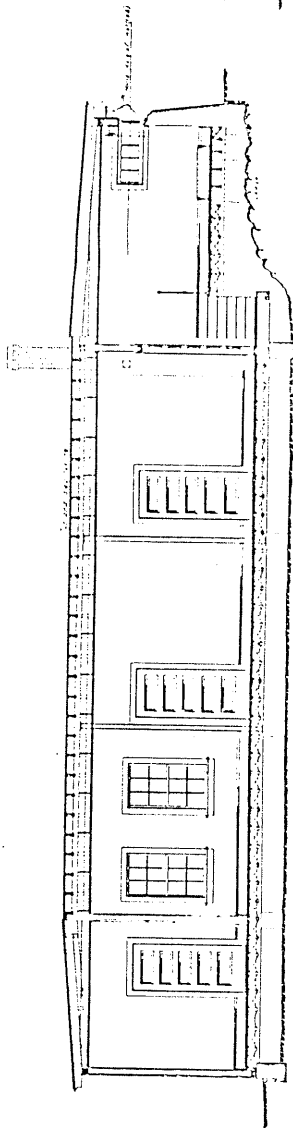
Approved for the Chief of Engineers and Secretary of War
November 5, 1907.
C. C. Cummings
Briq Gen. Chief of Engineers
U. S. Army.

FORT WILLIAMS
PORTLAND HARBOR, MAINE
COMBINED PRIMARY AND SECONDARY STATION

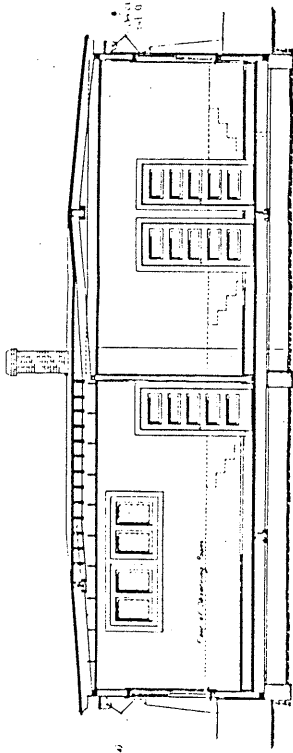
Scale 1/4" = 1'-0"

U.S. Army Corps of Engineers
Portland Harbor District
November 5, 1907.
Approved for the Chief of Engineers and Secretary of War
C. C. Cummings
Briq Gen. Chief of Engineers
U. S. Army.

War Department
November 6, 1907.
Approved
C. C. Cummings
Acting Secretary of War.



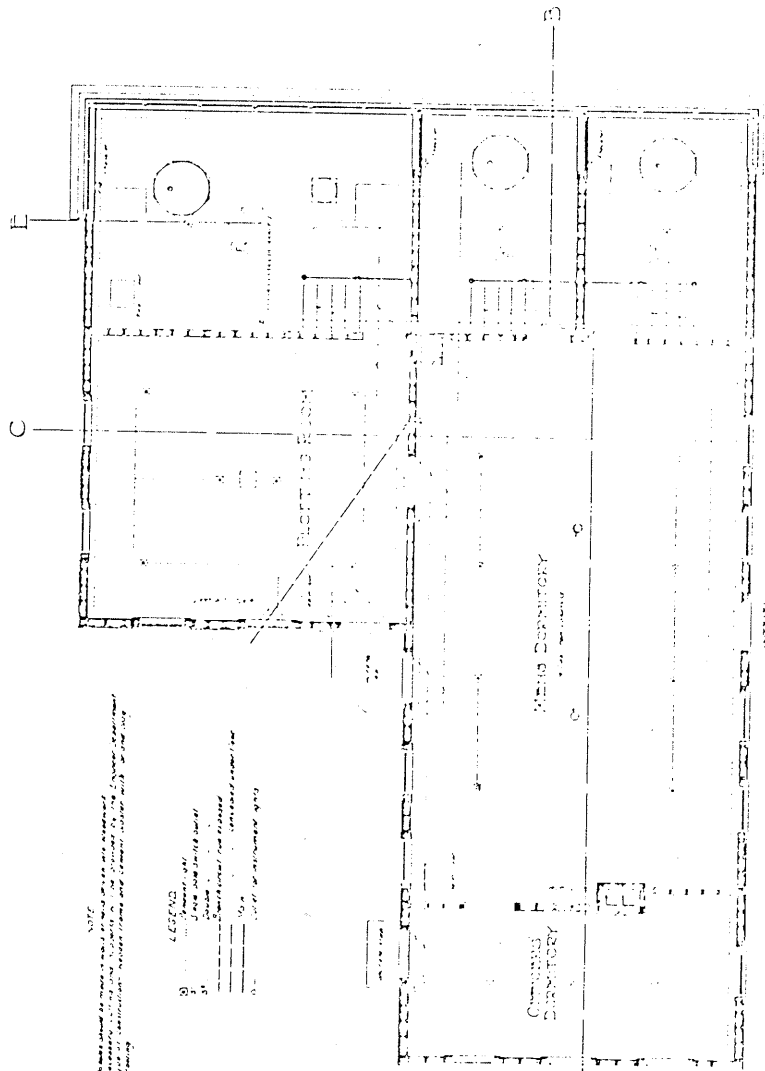
SECTION A-B



SECTION C-D

NOTE
Roof and floor joists are shown in solid lines and are supported by posts and beams. The roof is shown in solid lines and the floor is shown in dashed lines. The walls are shown in solid lines and the windows are shown in dashed lines. The doors are shown in solid lines and the stairs are shown in dashed lines. The foundation is shown in solid lines and the ground is shown in dashed lines.

LEGEND
1. Foundation
2. Ground
3. Walls
4. Windows
5. Doors
6. Stairs
7. Roof
8. Floor
9. Posts
10. Beams



FLOOR PLAN

PEAKS ISLAND
PORTLAND HARBOR ME.
COMBINED RANGE FINDING STATION.

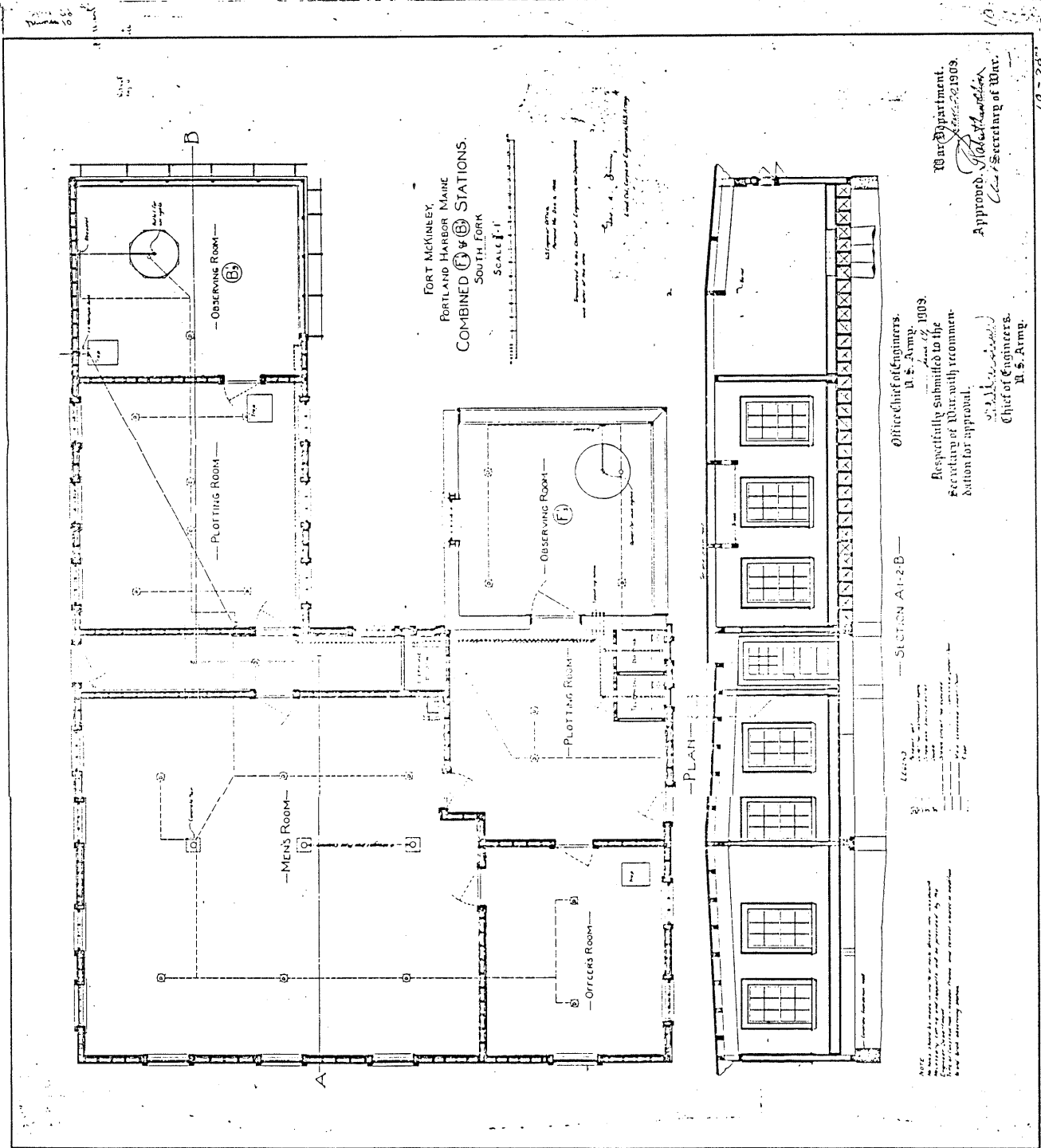
SCALE 1/4" = 1'-0"

Approved: *[Signature]*
Chief of Engineers,
U.S. Army.

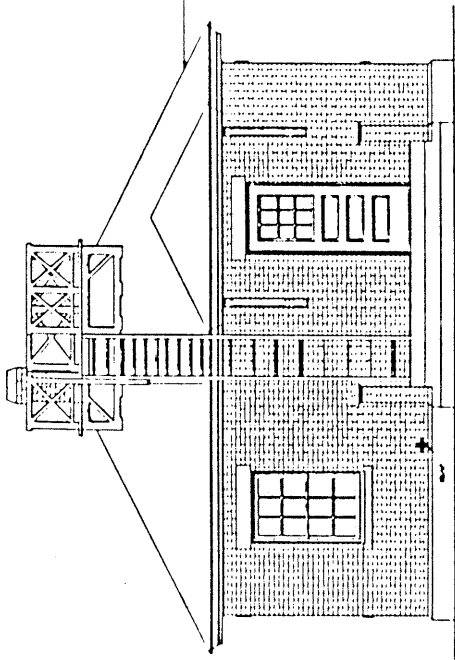
Approved: *[Signature]*
Secretary of War.

Report submitted to the
Secretary of War with recom-
mendation for approval.

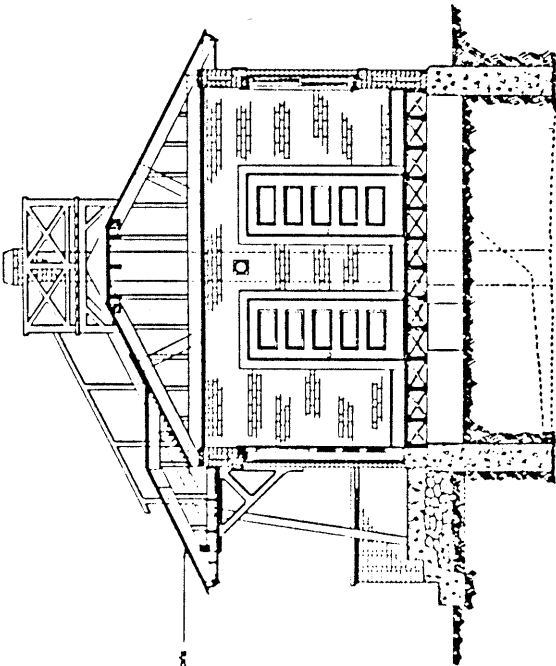
Approved: *[Signature]*
Chief of Engineers,
U.S. Army.



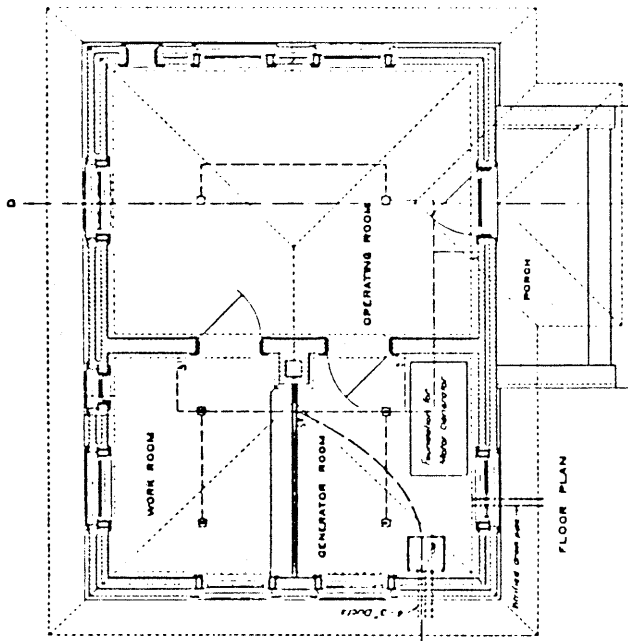
10-78
10-79



FRONT ELEVATION



SECTION ON G-D



FLOOR PLAN

LEGEND.

- Pendent light
- Ceiling light
- Single pole switch outlet
- Double
- Branch circuit run exposed
- Main circuit run concealed under floor

NOTE.

Walls should not be made in walls, nor nests driven into woodwork. Necessary cutting and exposure will be provided by the Engineer Department type of construction. Draft.

FORT LEVETT
PORTLAND HARBOR, ME.
DISTRICT SIGNAL STATION

SCALE: $\frac{1}{4}$ IN. = 1 FT.

U.S. Engineer Office, Portland, Me., July 11, 1909.
Transmitted to the Chief of Engineers, War Department
with letter of this date.

Wm. J. Smith
Lieut. Col. Corps of Engineers, U.S. Army

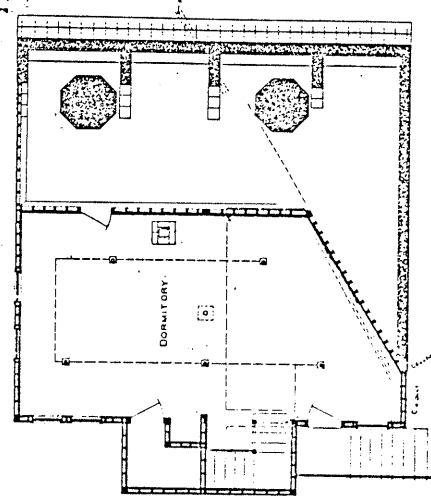
War Department,
Camp 6, 1909.

Approved, *William J. Smith*
Assistant and Chief Clerk
Secretary of War, in his absence.

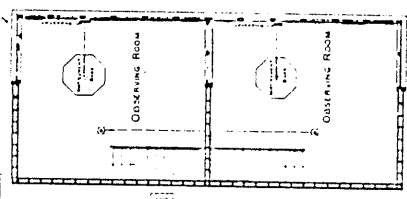
Office Chief of Engineers,
U.S. Army.

Respectfully submitted to the
Secretary of War, with recommen-
dation for approval.

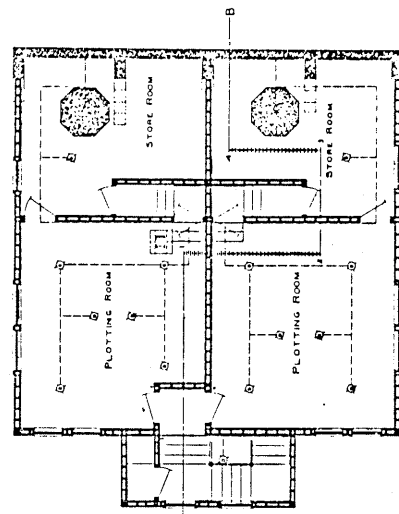
William J. Smith
Acting Chief of Engineers.



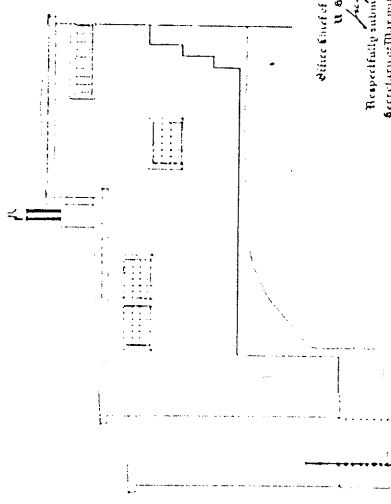
GROUND FLOOR PLAN



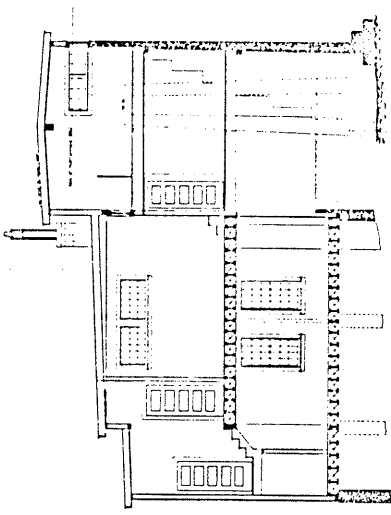
SECOND FLOOR PLAN



FIRST FLOOR PLAN



SOUTH ELEVATION



SECTION A-12-3-4-B

FORT WILLIAMS
PORTLAND HARBOR, MAINE
DOUBLE MIM STATION

SCALE: 1 IN. = 1 FT

U S Engineer Office,
Fort Meade, Md., June 21, 1942
Transmitted to the Chief of Engineers, War Department,
with a/c of this date

Encl. 1. Item 1.
Chief Colonel, Corps of Engineers, U S Army.

Office Chief of Engineers.
U. S. Army

Respectfully submitted to the
Secretary of War with recommen-
dation for approval

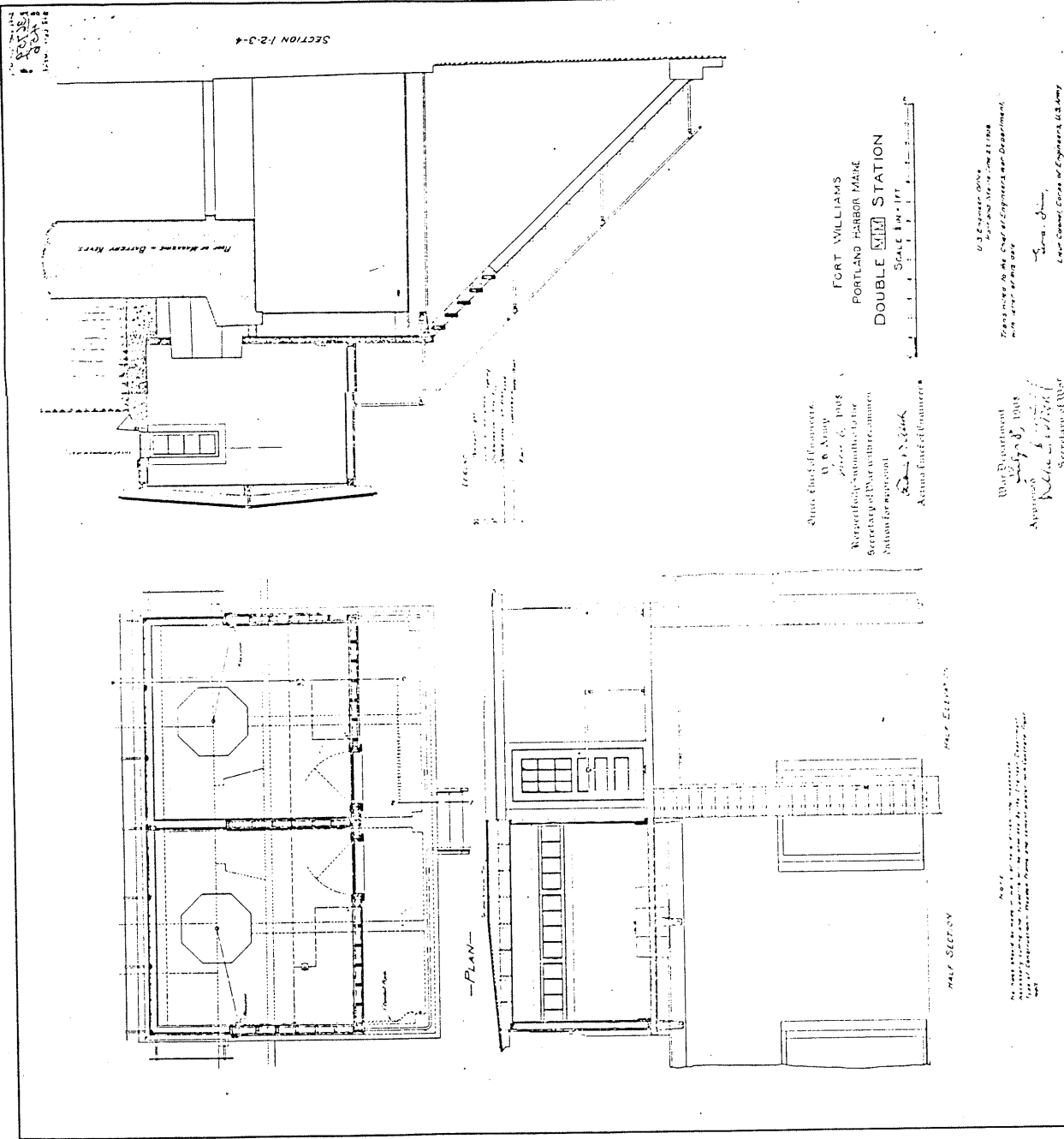
Frank B. Webb

War Department
July 13, 1903

Approved
William C. Wright
Secretary of War.

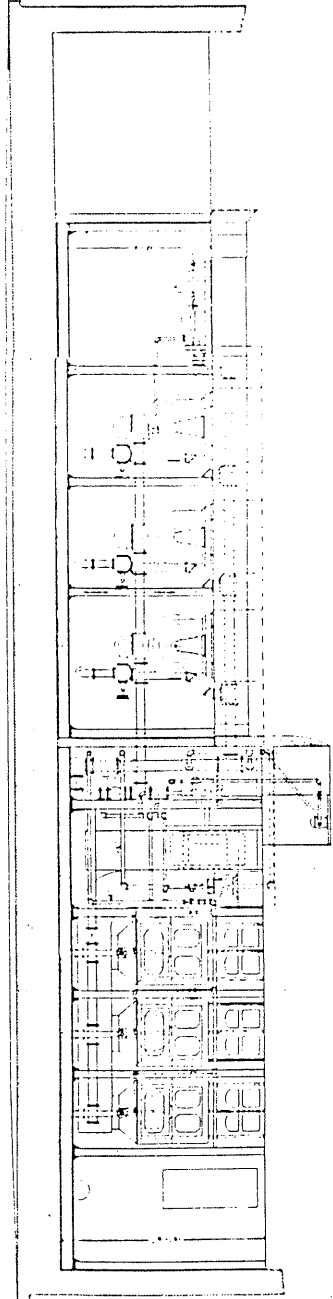
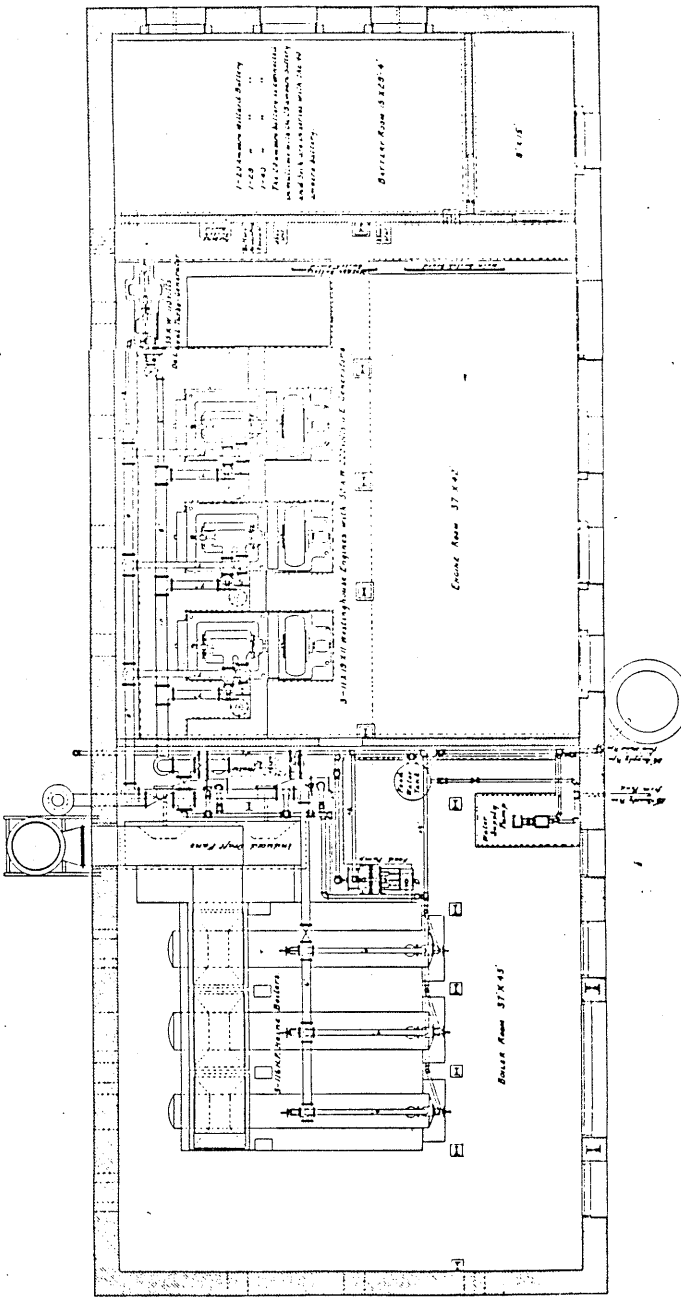
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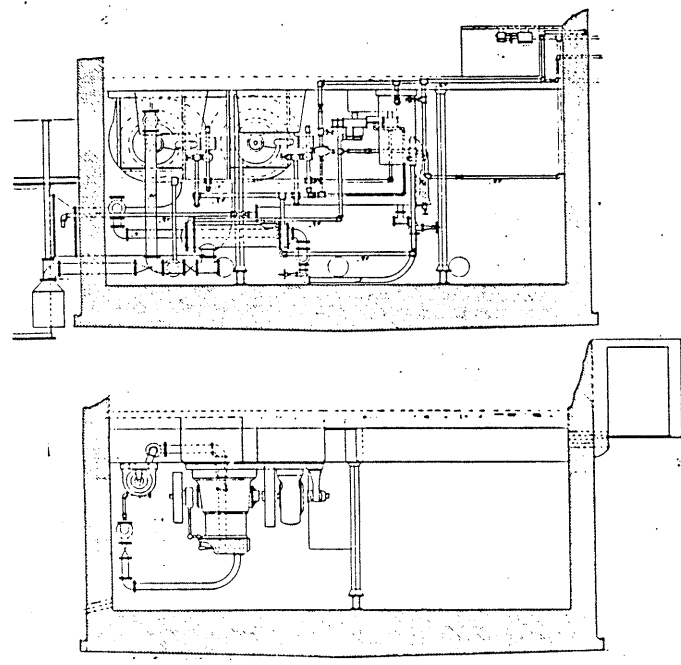
Drawn by
Checked by
Approved by
Date

8-11-08



FORT MCKINLEY

U. S. Electric Survey
 Transmitted to the Chief of Engineers, U. S. Army
 with a copy of this report
 J. B. McKinley
 Chief of Engineers, U. S. Army



Notes and Instructions for the care of the Electric Plant.

1. No person other than the regular and experienced operators should be allowed to attempt to run the plant.
2. Detailed instructions furnished by the Chief of Engineers, U. S. Army, should be followed in the operation and care of all machinery.
3. The generating units should be run alternately at regular intervals of seven to fourteen days and approximately an hourly service should be called at least every two weeks.
4. The electric battery should not be required to deliver a daily average of more than 12% of its capacity.
5. A careful record of the details of operation should be kept for the information of the Chief of Engineers.
6. The U. S. Army and Engineer Corps should be kept in full and complete knowledge of the plant.
7. The following instructions are to be followed in the operation of the plant:

- a. Care and Operation of the Electric Accumulator.
- b. Operation of the Electric Accumulator.
- c. Operation of the Electric Accumulator.
- d. Operation of the Electric Accumulator.
- e. Operation of the Electric Accumulator.

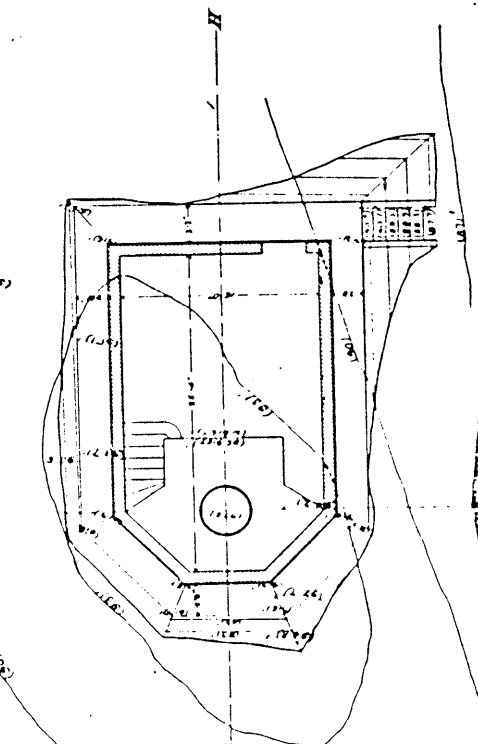
Office Chief of Engineers,
 U. S. Army,
 June 28, 1901
 Respectfully submitted to the
 Secretary of War, with recommendation
 for approval.

J. B. McKinley
 Brig Gen, Chief of Engineers,
 U. S. Army

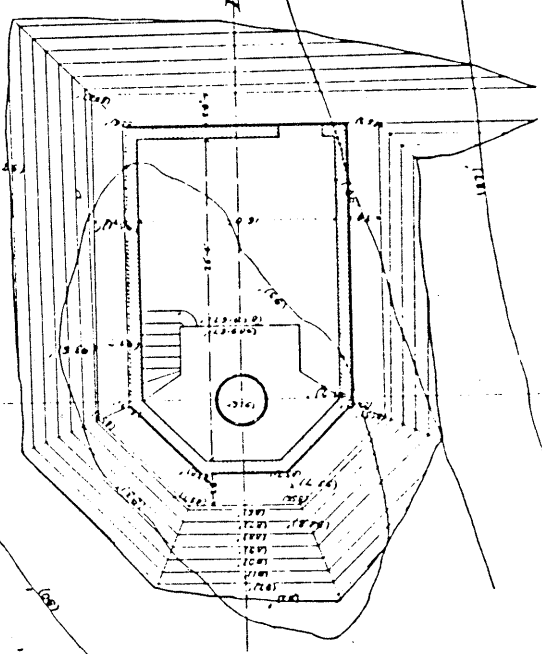
War Department,
 June 1, 1901
 Approved: J. B. McKinley
 Acting Secretary of War

10-93-12

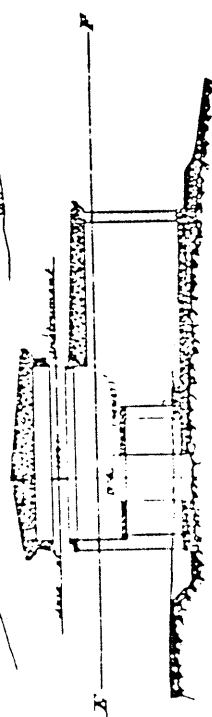
Horizontal Section on E F



Horizontal Section on A B



Vertical Section on G H



Vertical Section on C D

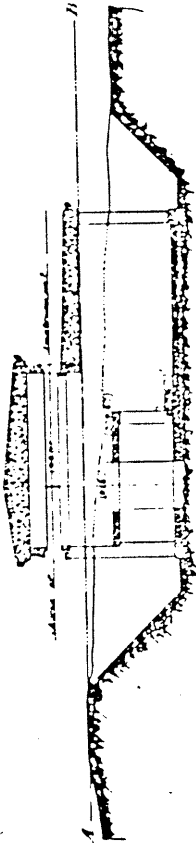


Fig. 2 Sketch of Station with Axis of Instrument
at Elevation (02) as it will be built

Fig. 1 Sketch of Station with Axis of Instrument
at Elevation formerly proposed, 1901

FORT MCANALEY

PORTLAND HARBOR, ME.

FIRE COMMANDER STATION

ON
NORTH FORK

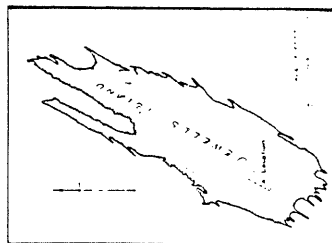
Scale 1"=4'

U.S. Engineer Office
Portland Me.
Aug. 1, 1902
Transmitted to the Chief of Engineers U.S.A. with endorsement
of this date.

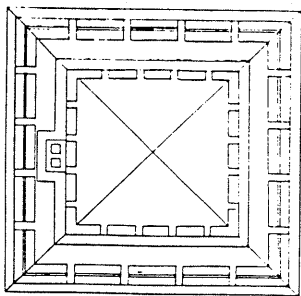
S. W. Ransler
Major, Corps of Engineers, U.S.A.
Drawn by Walter H. Smith

10-90

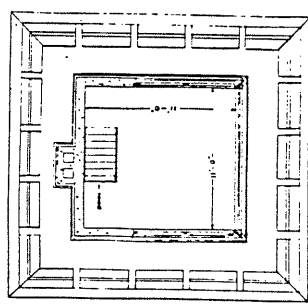
FIRE CONTROL STATION B₁ (FORT)
JEWELL ISLAND, ME.
HARBOR DEFENSES OF PORTLAND
SCALE 1" = 1'
OFFICE OF ENGINEER FIRST CORPS
MARCH 8, 1934
Submitted *[Signature]* Approved *[Signature]*
W. H. C. B. C.



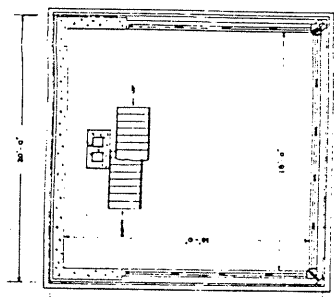
ROOF



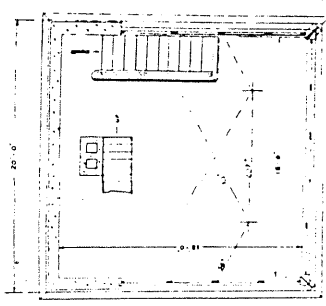
FOURTH FLOOR



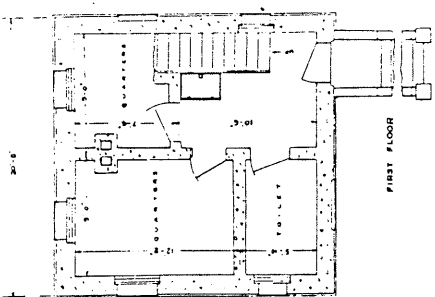
THIRD FLOOR



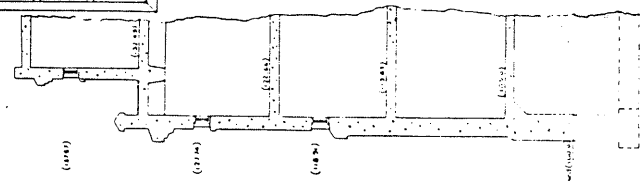
SECOND FLOOR



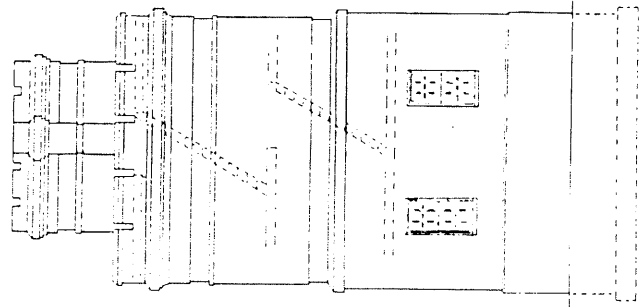
FIRST FLOOR



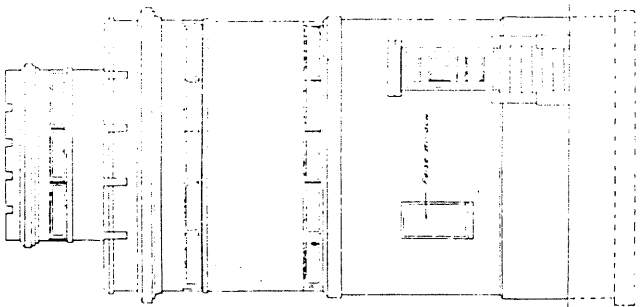
FOUNDATION



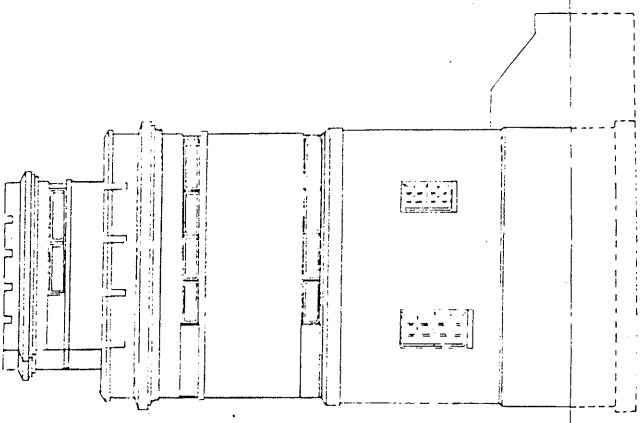
VERTICAL SECTION
OF OUTSIDE WALL



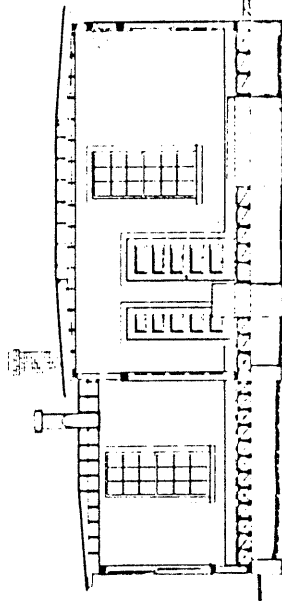
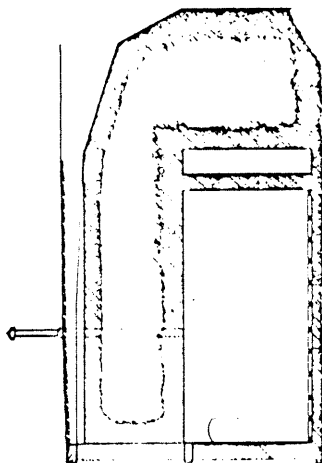
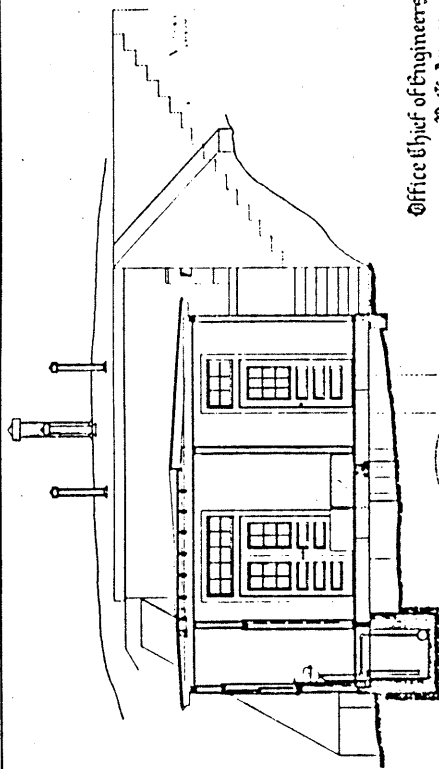
WEST ELEVATION



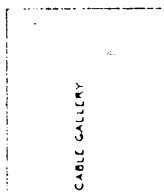
EAST ELEVATION



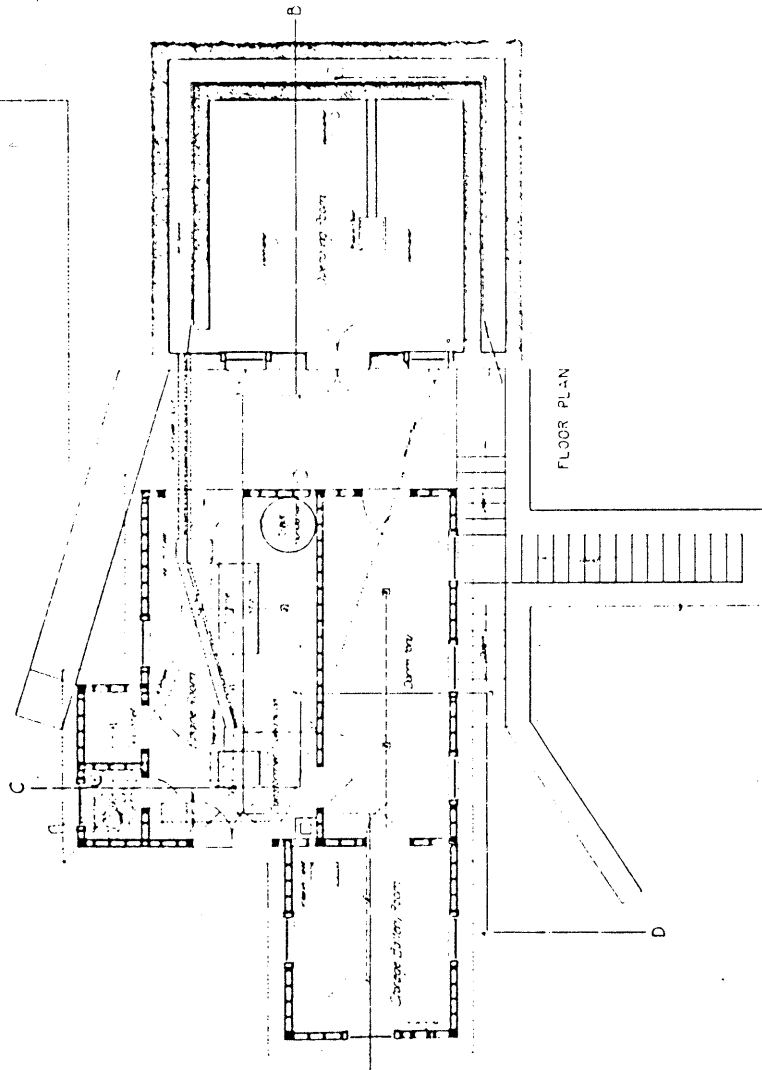
SOUTH ELEVATION



SECTION ON A-1-2-3-4-B



CABLE GALLERY



FLOOR PLAN

Office Chief of Engineers,
U. S. Army,
March 14, 1900
Respectfully submitted to the
Secretary of War with recommen-
dation for approval.

R. B. Allen
Acting Chief of Engineers.

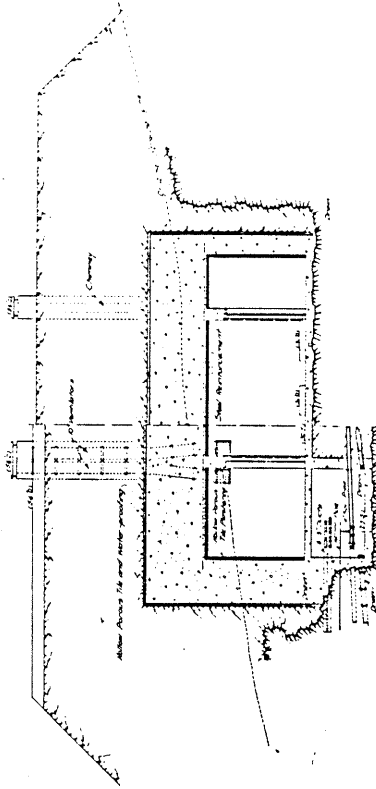
War Department,
August 2, 1900

Approved: *[Signature]*
For the Secretary of War
in his absence

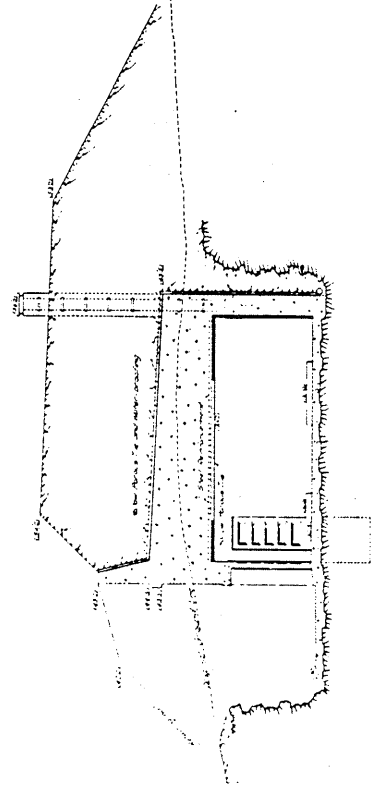
FORT MCKINLEY
PORTLAND HARBOR, ME
MINING CASEMATE
NORTH FORK
SCALE 2 IN = 1 FT

U. S. Engineer Office, Portland Harbor, ME 1900
Transmitted to the Chief of Engineers, War Department
with letter of transmittal
[Signature]
Chief of Engineers, U. S. Army

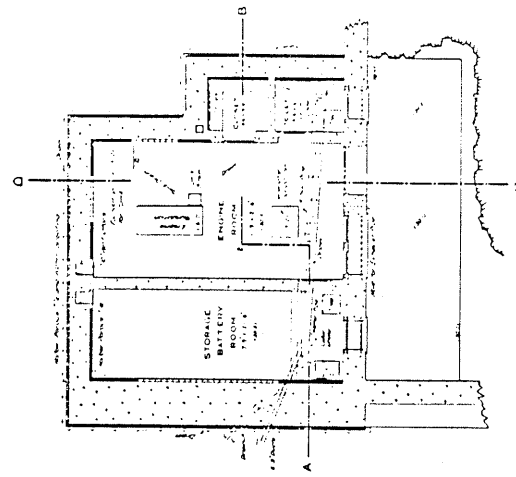
1052
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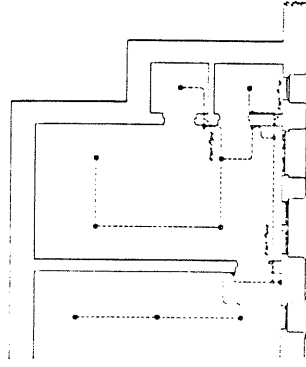
SECTION A-12-B



SECTION C-D



FLOOR PLAN



ELECTRIC WIRING

LEGEND

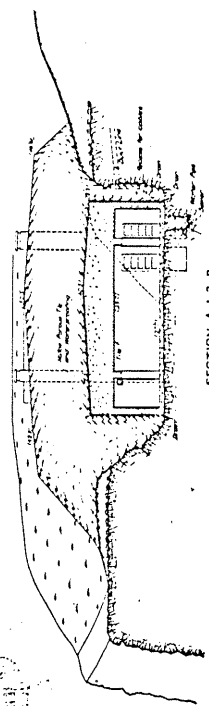
Symbol	Description
—	General Wiring
—	Signal Wiring
—	Power Wiring
—	Lighting Wiring
—	Telephone Wiring
—	Alarm Wiring

FORT MCKINLEY, ME.
MINING CASEMATE
NORTH FORK

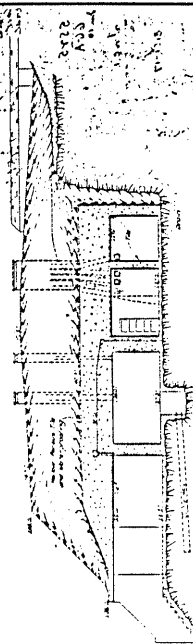
Scale 1/4" = 1'-0"
In Sheet
US Engineer Office Portland, Me. May 18, 1920
Submitted
Approved
For Review
By
Date of Issue
FOR MCKINLEY M-13

CORPS OF ENGINEERS, U.S. ARMY.

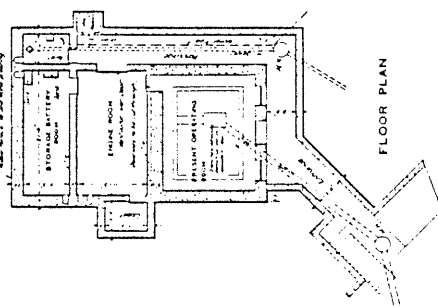
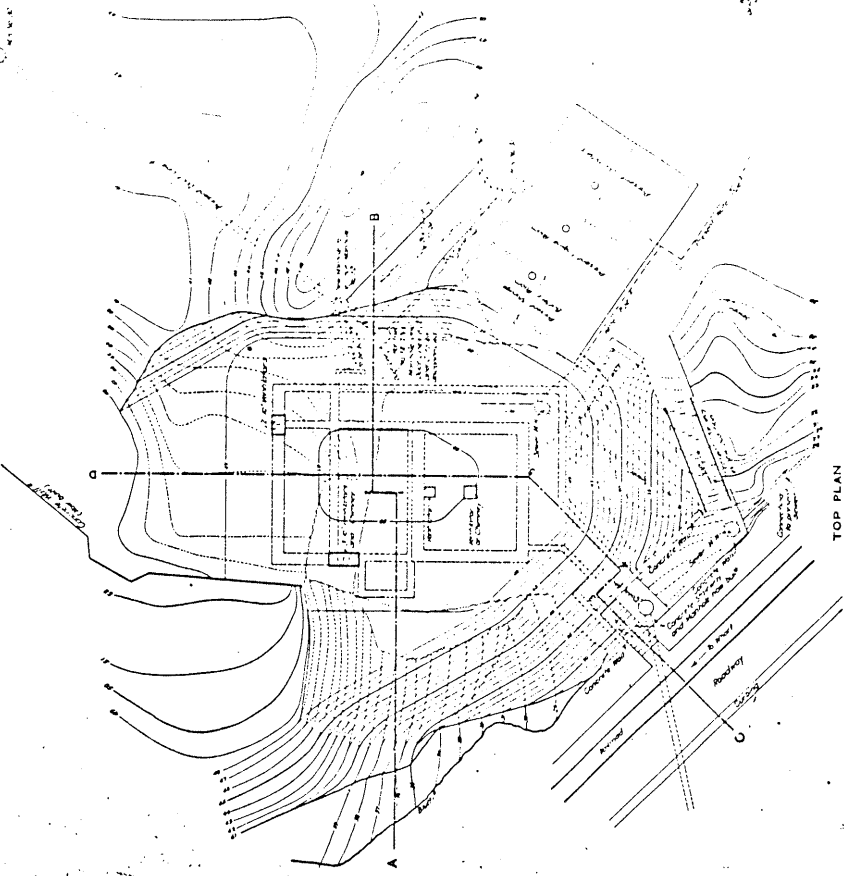
WAR DEPARTMENT.



SECTION A-1-2-B



SECTION C-3-4-5-D



FORT WILLIAMS, ME.

PROTECTED MINING CASEMATE

1:1 Scale

U.S. Engineer Office, Portland, Me., March 1918

Approved: [Signature]

Drawn by: [Signature]

Checked by: [Signature]

Revised by: [Signature]

Revised by: [Signature]

Revised by: [Signature]

Revised by: [Signature]

Revised by: [Signature]

Revised by: [Signature]

Revised by: [Signature]

Revised by: [Signature]

Revised by: [Signature]

Revised by: [Signature]

Revised by: [Signature]

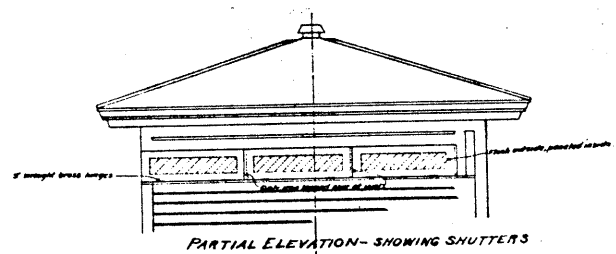
Revised by: [Signature]

Revised by: [Signature]

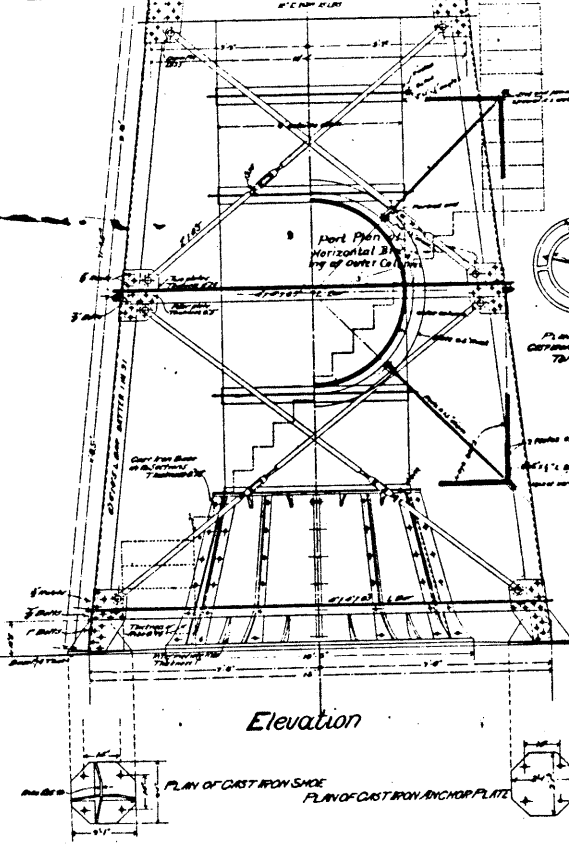
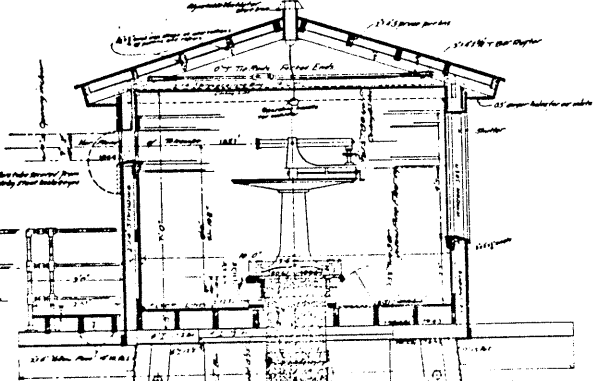
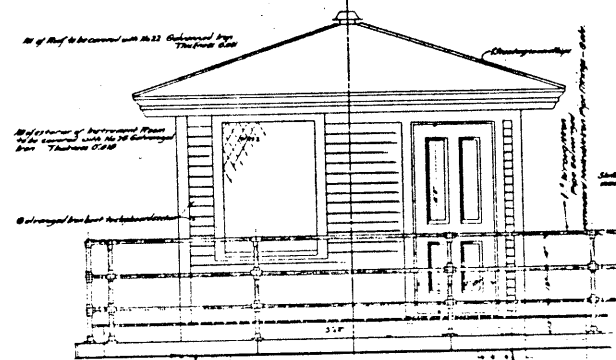
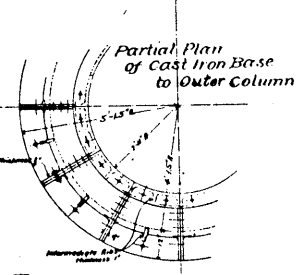
Revised by: [Signature]

Revised by: [Signature]

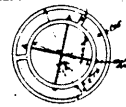
Drawer 12
Sheet 68



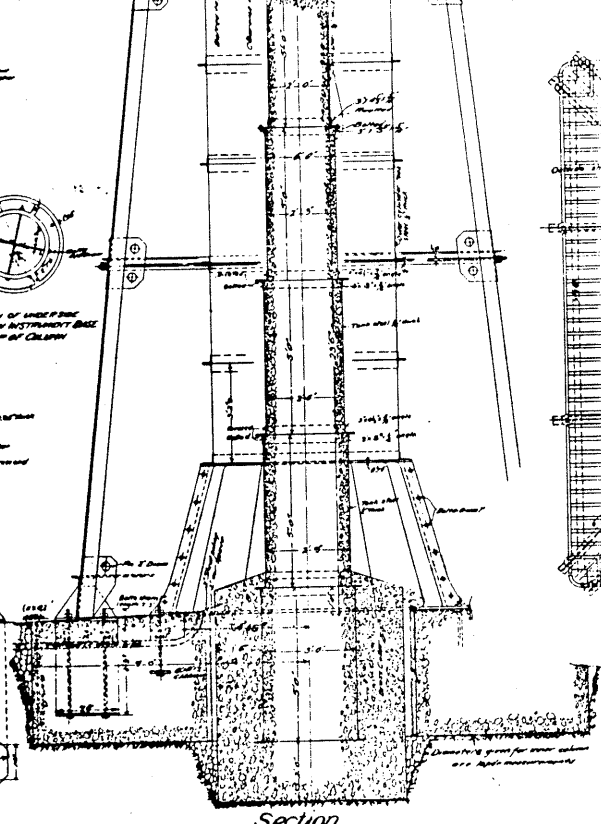
PARTIAL ELEVATION- SHOWING SHUTTERS



Elevation

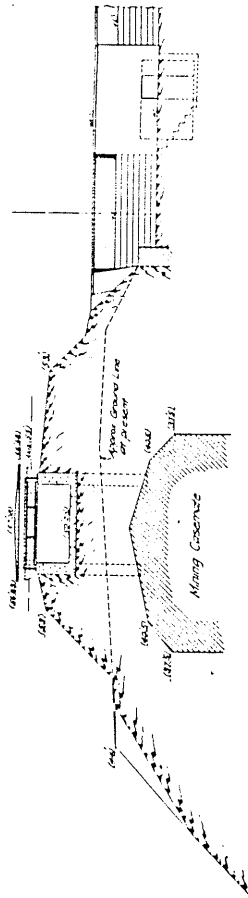


PLAN OF WEARING CAST-IRON INSTRUMENT BASE TOP OF COLUMN

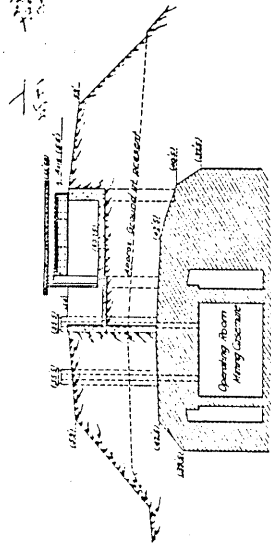


Section

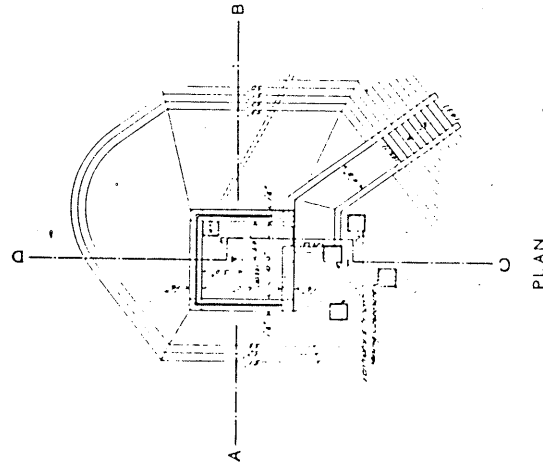
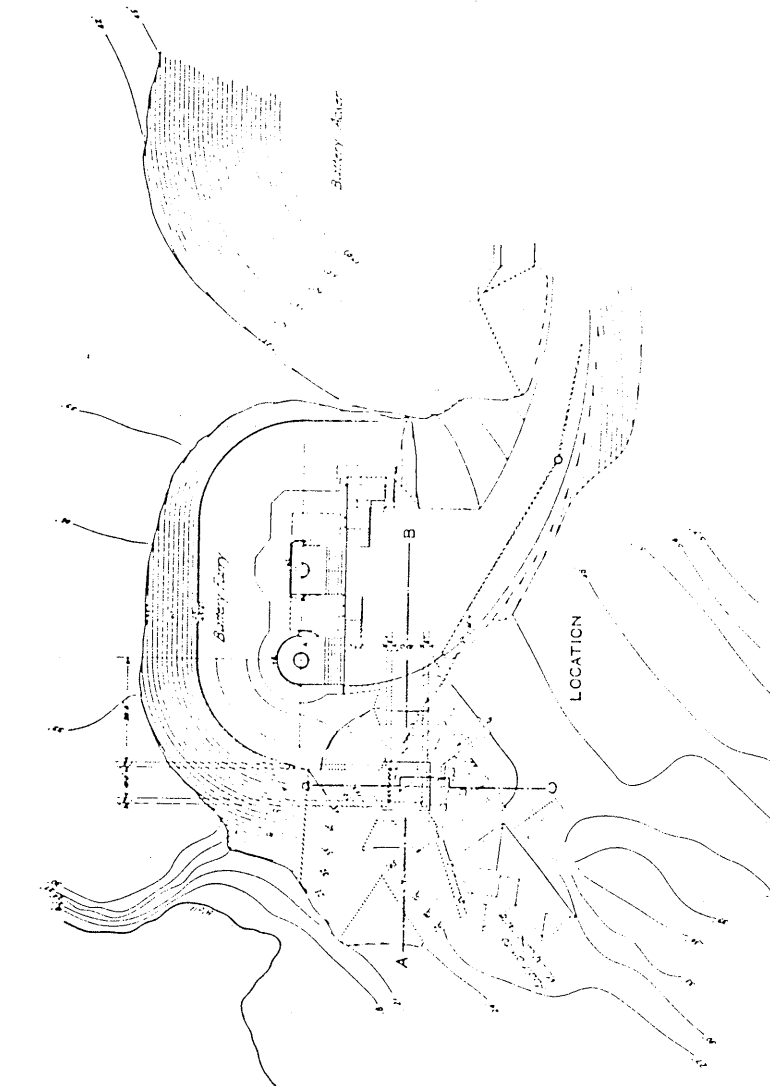




SECTION A-B



SECTION C-1-2-3-4-D



PLAN

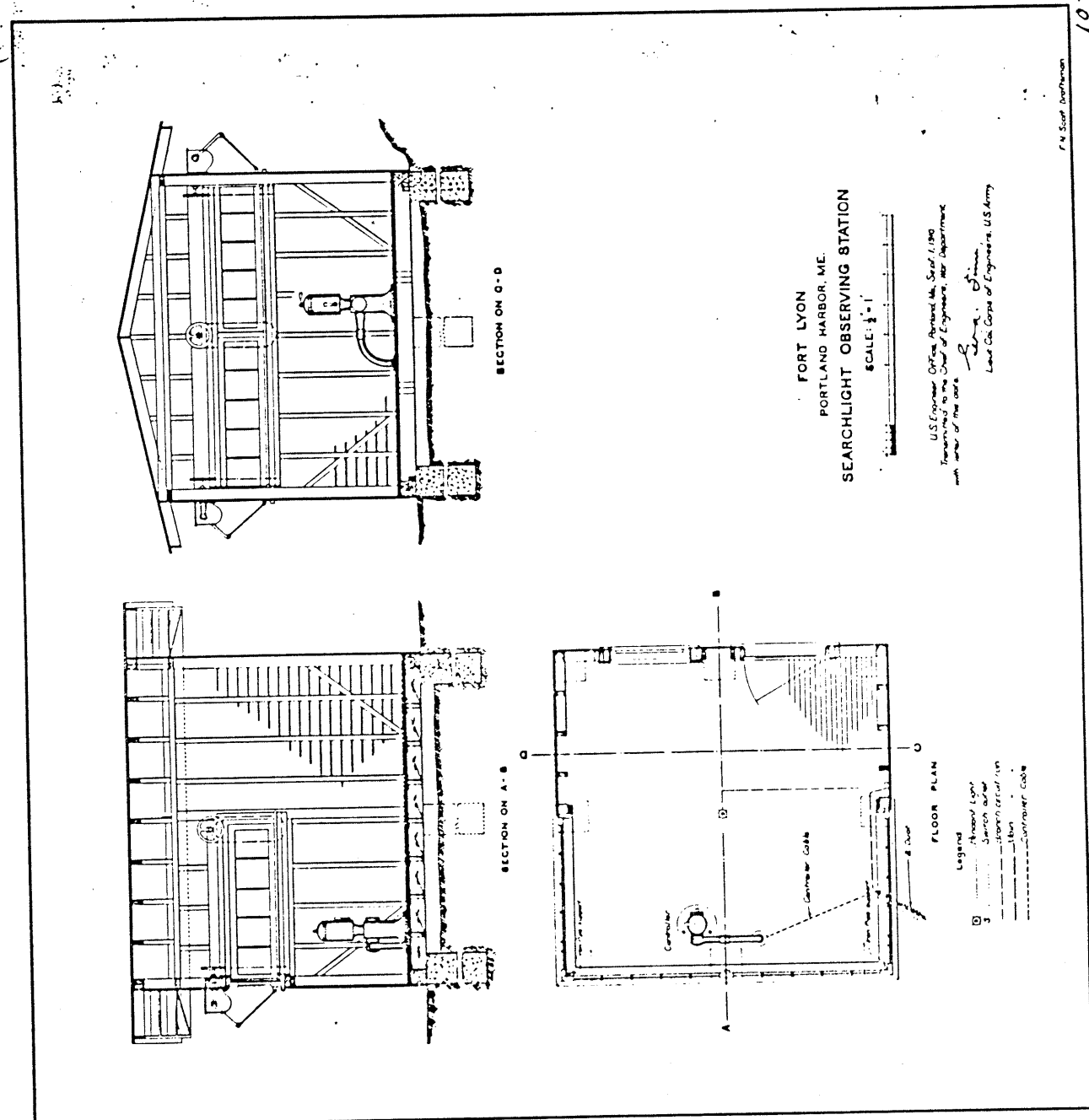
FORT MCKINLEY, ME.
RANGE FINDER STATION
BATTERY FARRY

In 1 Sheet
Scale 1 in. = 8 ft. in 20 ft.
Scale 1 in. = 20 ft.

Submitted by: *[Signature]*
Approved: *[Signature]*
US Engineer Office, Portland, Me. Feb 12, 1919
Drawing No. 12-68
Filed Nov 22, 1919

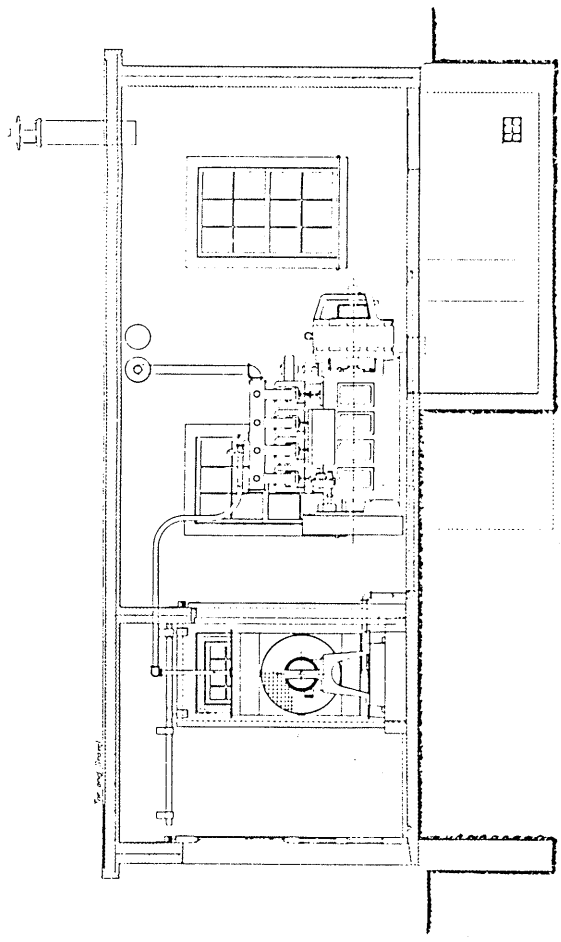
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10-97
15-105

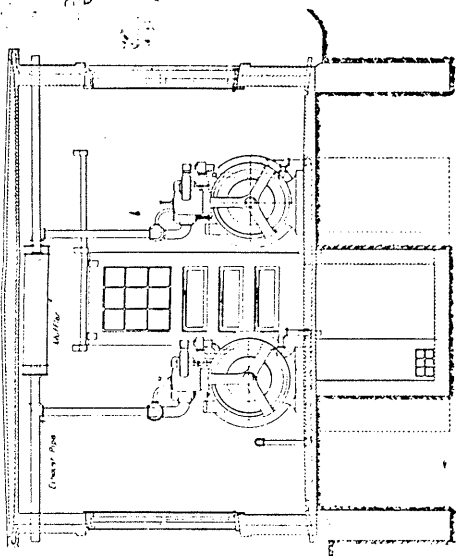


1/4 Scale Distribution

12078
121



SECTION ON A-B



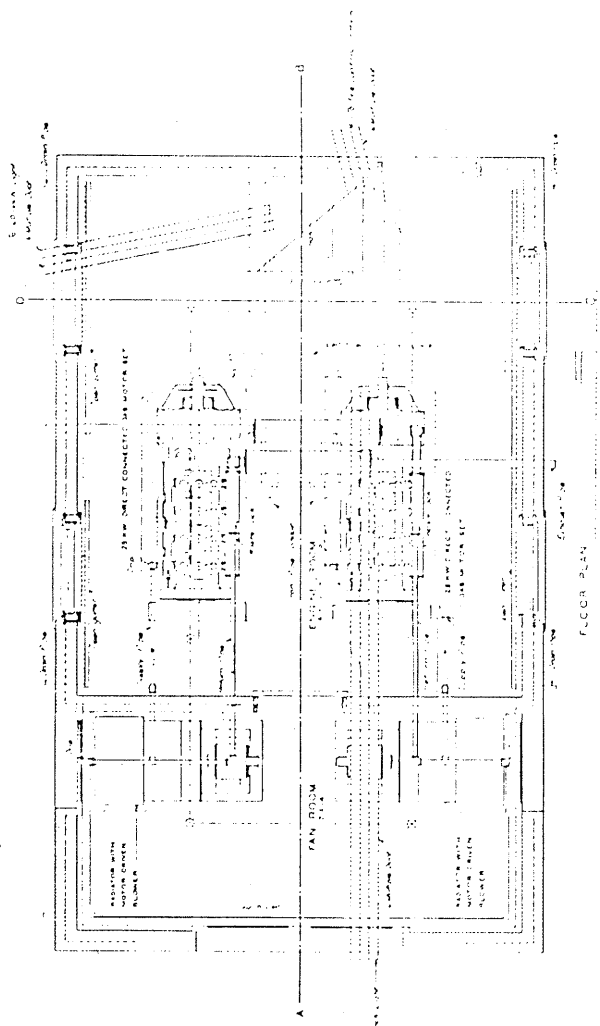
SECTION ON C-D

Office Chief of Engineers
R. S. Army.
June 12, 1911.
Respectfully submitted to the
Secretary of War with recom-
mendation for approval.
J. M. Smith
Acting Chief of Engineers.

War Department.
June 13, 1911.
Approved:
J. M. Smith
Acting Secretary of War.

PEAK'S ISLAND
PORTLAND HARBOR ME.
SEARCHLIGHT POWER HOUSE

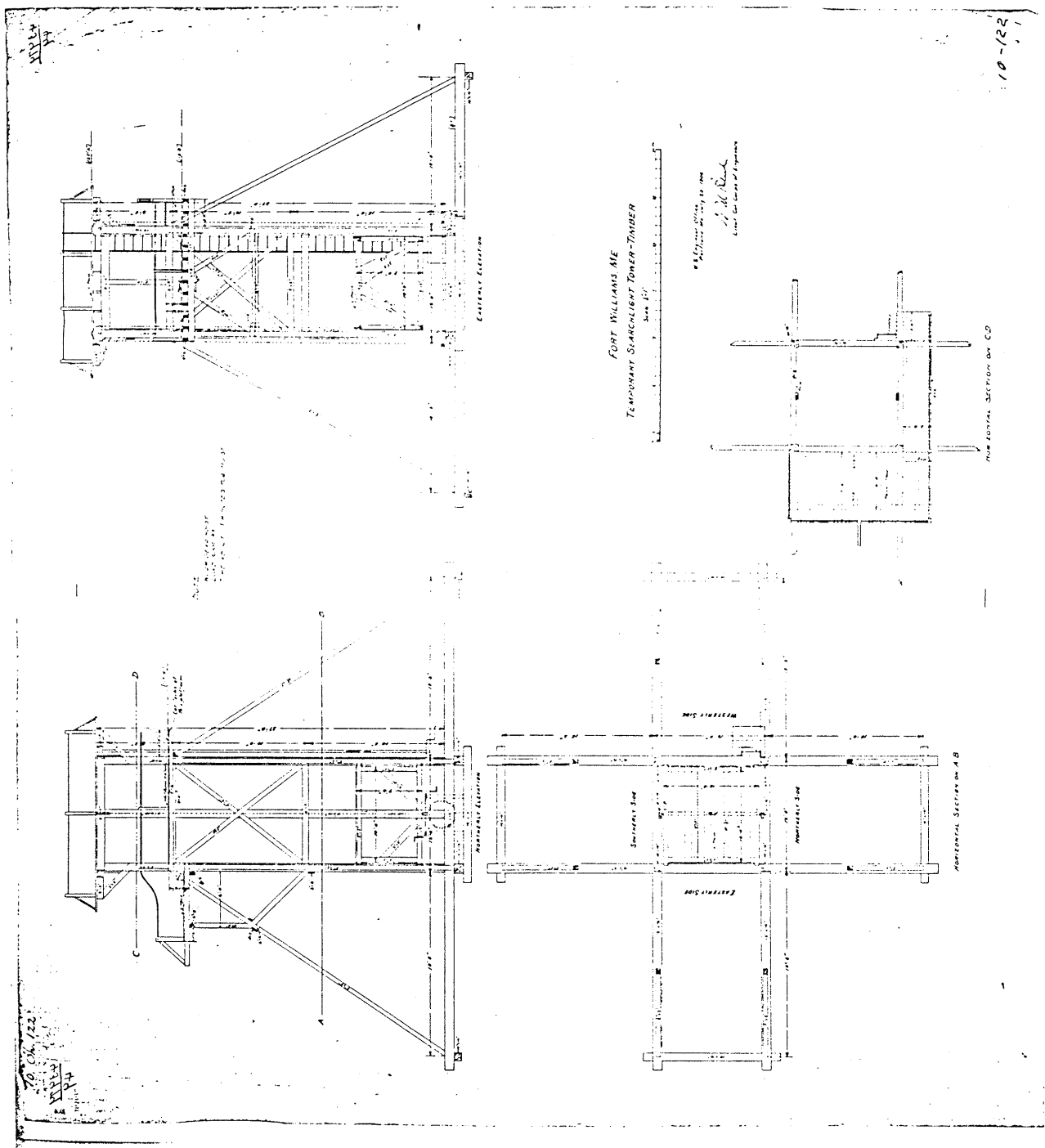
SCALE 1/8" = 1'-0"



FLOOR PLAN

NOTES AND INSTRUCTIONS FOR THE
CONSTRUCTION OF THE POWER HOUSE
1. The power house is to be constructed of concrete and steel.
2. The engine room is to be located in the center of the building.
3. The boiler room is to be located on the right side of the building.
4. The water tank is to be located on the roof of the building.
5. The searchlight is to be located on the roof of the building.

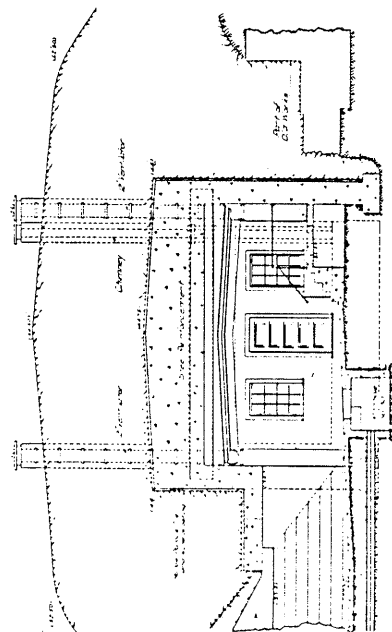
F. M. Smith



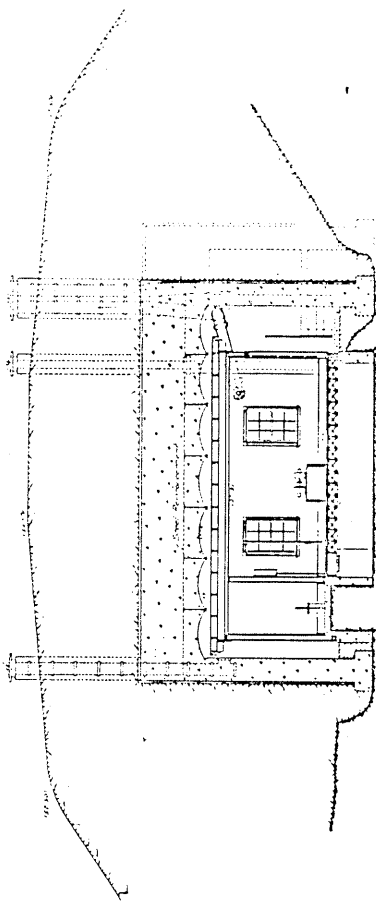
100-100000-100

ENGINEERS, U.S. ARMY

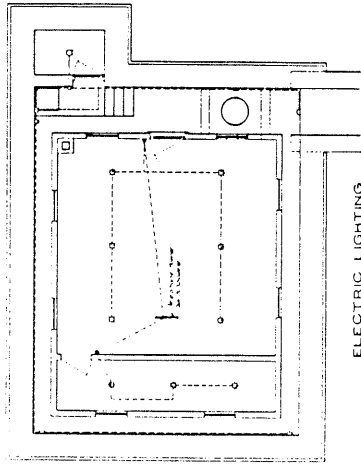
11/10/19



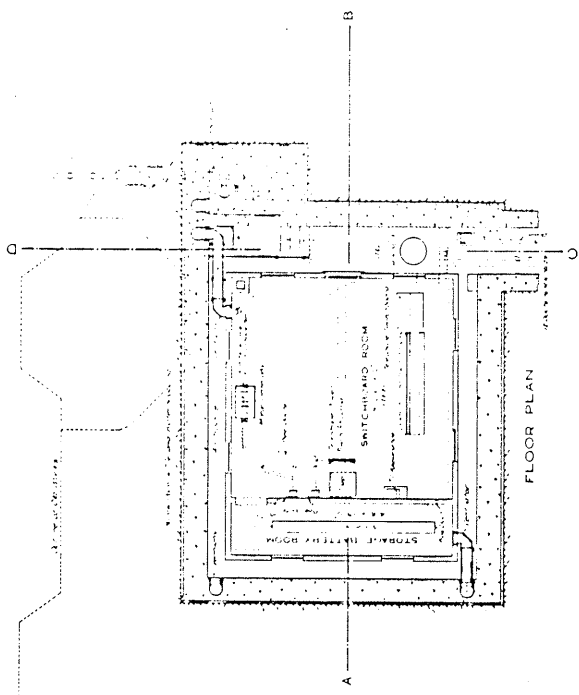
SECTION C-D



SECTION A-B



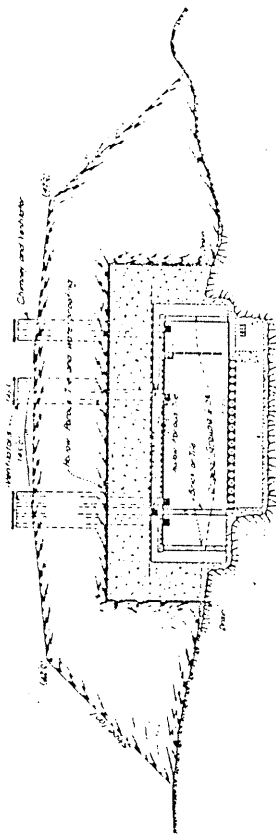
ELECTRIC LIGHTING



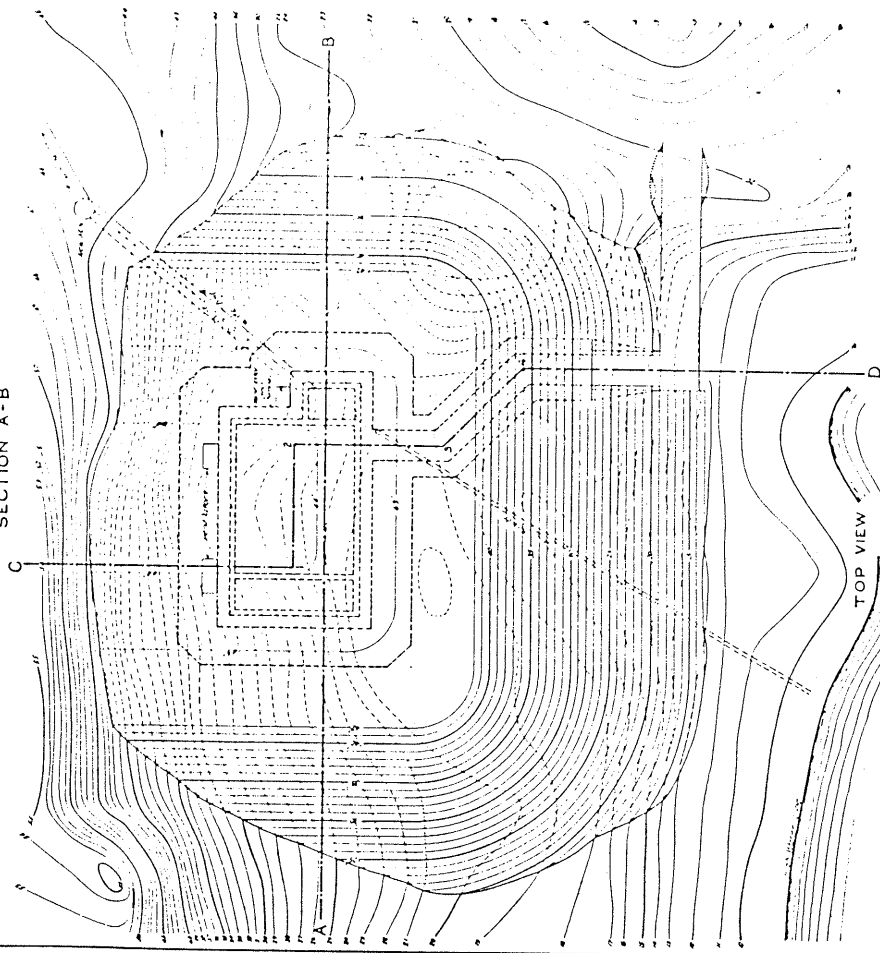
FLOOR PLAN

FORT PREBLE, ME.
SWITCHBOARD BUILDING

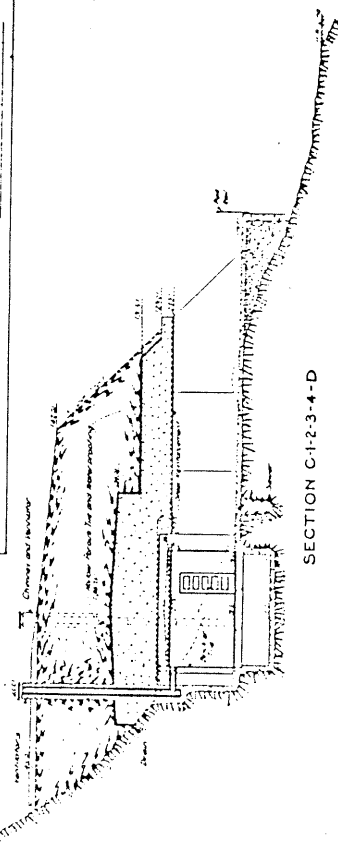
11/10/19
Scale 1/4" = 1'-0"
U.S. Engineer Office Portland, Me., June 1, 1919
Approved for Construction
Drawn by 11/10/19 - File No. PREBLE 5-62



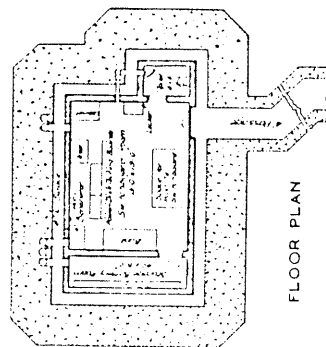
SECTION A-B



LOCATION SHEET
SCALE 1:10,000



SECTION C-1-2-3-4-D



FLOOR PLAN

FORT LEVETT, ME.
SWITCHBOARD BUILDING
ALL-AROUND PROTECTION

Scale 1/4" = 1'-0"

US Engineer Office, Portland, Me., April 9, 1918.

Submitted: *W. E. Thompson* Approval recommended: *W. E. Thompson*

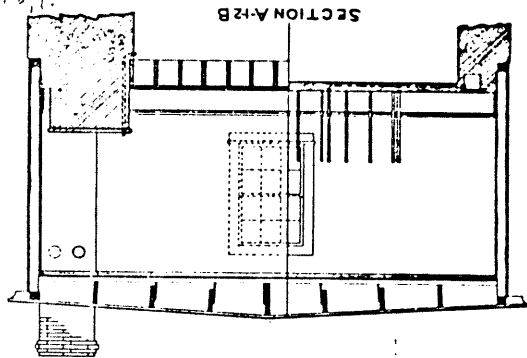
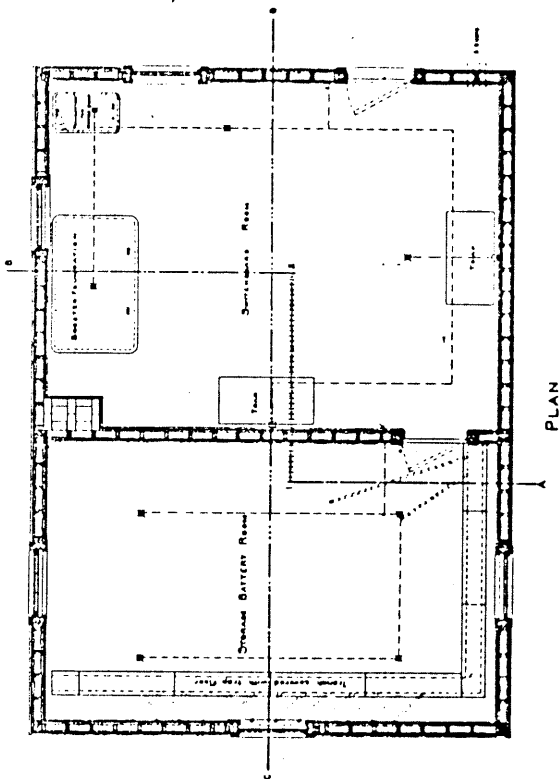
Drawn by: *W. E. Thompson* Checked by: *W. E. Thompson*

Transmitted with memorandum dated April 9, 1918.

Revised Sept. 24, 1918

DA 105h.141 - 16

Driver 10 38



FORT MCKINLEY,
PORTLAND HARBOR, MAINE,
SWITCHBOARD BUILDING - SOUTH FORK

Scale 1:1

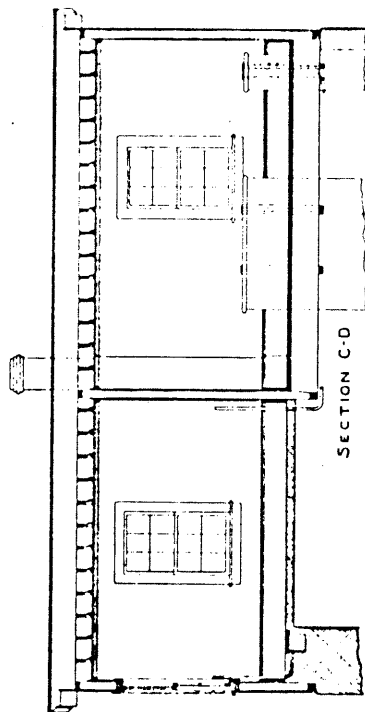
U.S. Engineer Office.
Portland, Me., April 28, 1908.
Transmitted to the Chief of Engineers, War Department,
with letter of this date

Carl J. J. J.
Major, Corps of Engineers, U.S. Army

Office Chief of Engineers.
U. S. Army.

May 15, 1908.
Respectfully submitted to the
Secretary of War with recommen-
dation for approval.

W. B. Lewis
Major Gen. Chief of Engineers.
U. S. Army.



Notes

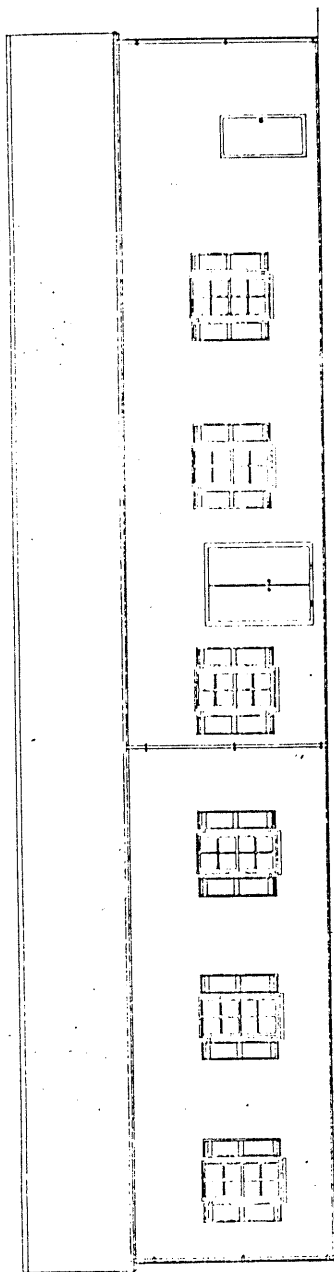
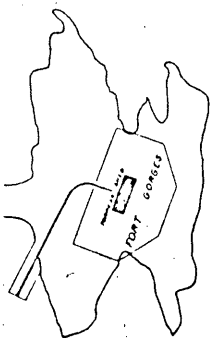
No holes should be made in walls or roofs driven into masonry.

Necessary luting and supports will be provided by the Engineer Department.

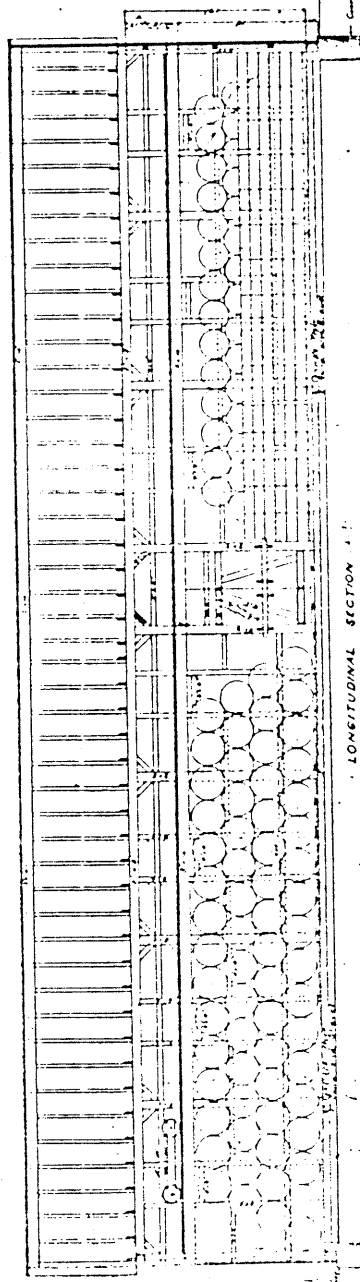
Type of Construction.—Wooden frame and cement plaster.

$$\frac{64-28}{100}$$

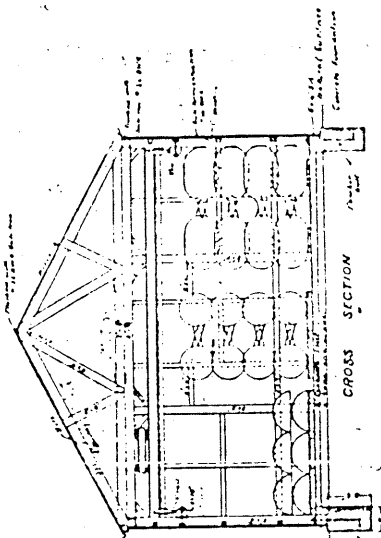
Sketch of
DIAMOND ISLAND LEDGE
Showing Location of
TORPEDO SHED



SIDE ELEVATION OF SHED



LONGITUDINAL SECTION



CROSS SECTION

Note: All door and window casings, cornices and roof, to be constructed outside doors, and all other parts not fully protected from fire by the fireproof siding to be covered with 2" of G.C. base line.

TORPEDO SHED FORT GORGES, PORTLAND, ME.

Scale 1 inch = 5 feet

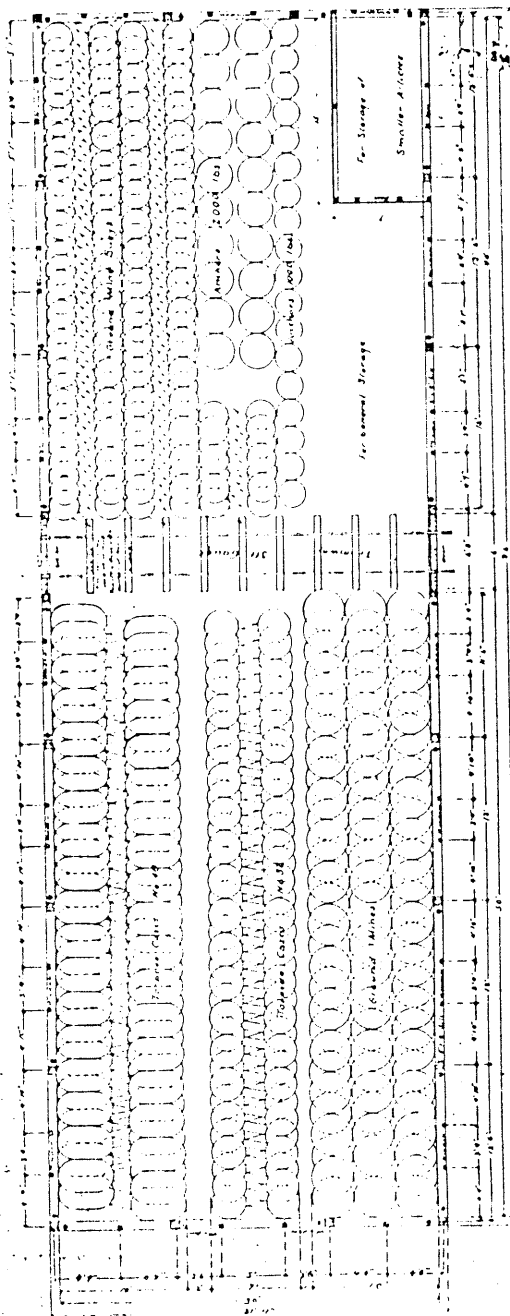
U.S. Engineer Office

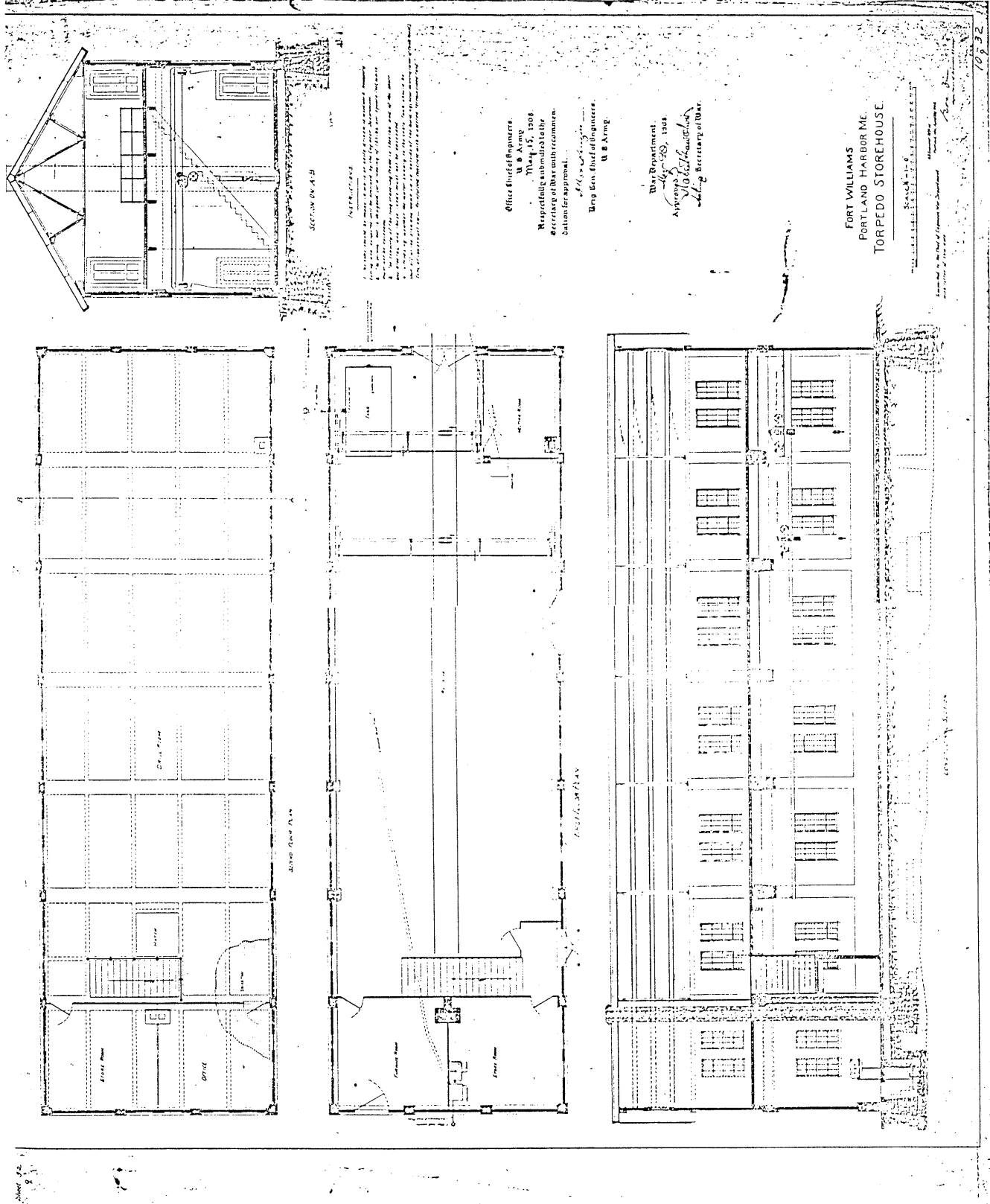
Portland, Maine, September 17, 1891.

Transmitted to the Chief of Engineers, U.S.A. with cover at this date.

Perkins

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





Office Chief of Engineers,
U. S. Army,
May 15, 1908.

Respectfully submitted to the
Secretary of War with recommenda-
tion for approval.

Very truly yours,
Lieut. Gen. Chief of Engineers,
U. S. Army.

War Department,
May 15, 1908.

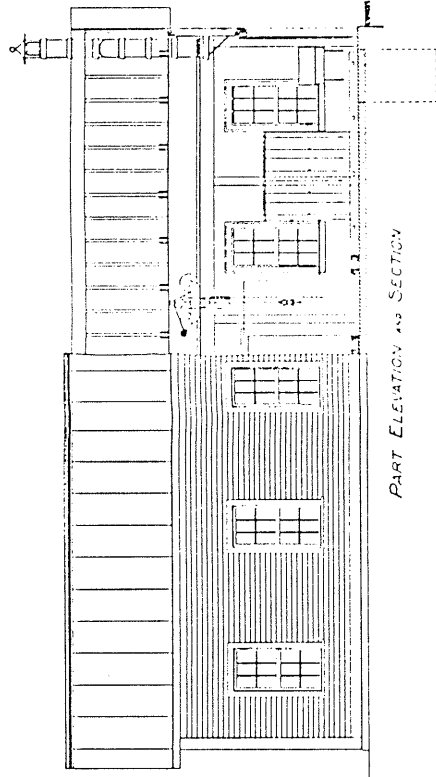
Approved:
J. G. McCallum,
Acting Secretary of War.

FORT WILLIAMS
PORTLAND HARBOR ME.
TORPEDO STOREHOUSE

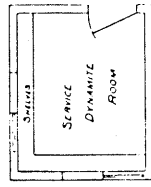
Scale: 1/4" = 1'-0"
Drawing No. 10332

02942
187
187

02942
187
187



PART ELEVATION AND SECTION



SECTION

FORT WILLIAMS.
PORTLAND HARBOR, ME.
TORPEDO LOADING ROOM.

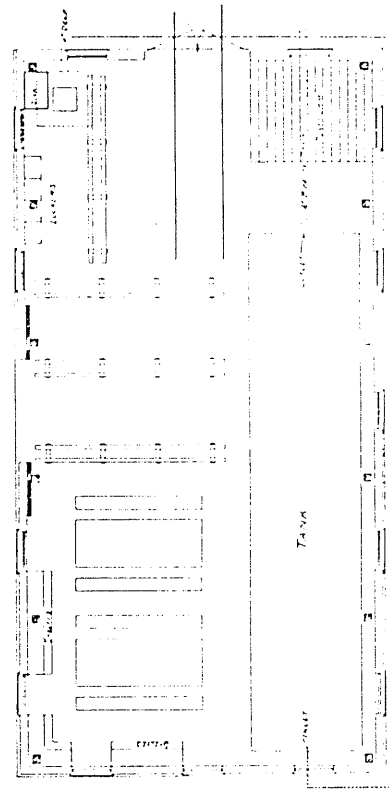
Scale 1/2" = 1'

U.S. Engineer Office
Portland, Me. No. 28107
Transmitted to the Chief of Engineers New England
District Office
187

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

NOTE

The capacity of the hoisting crane is 1500 pounds and the weight of the torpedoes is 1000 pounds. The hoisting crane is not to be used for lifting the torpedoes. The hoisting crane is to be used for lifting the torpedoes. The hoisting crane is to be used for lifting the torpedoes.

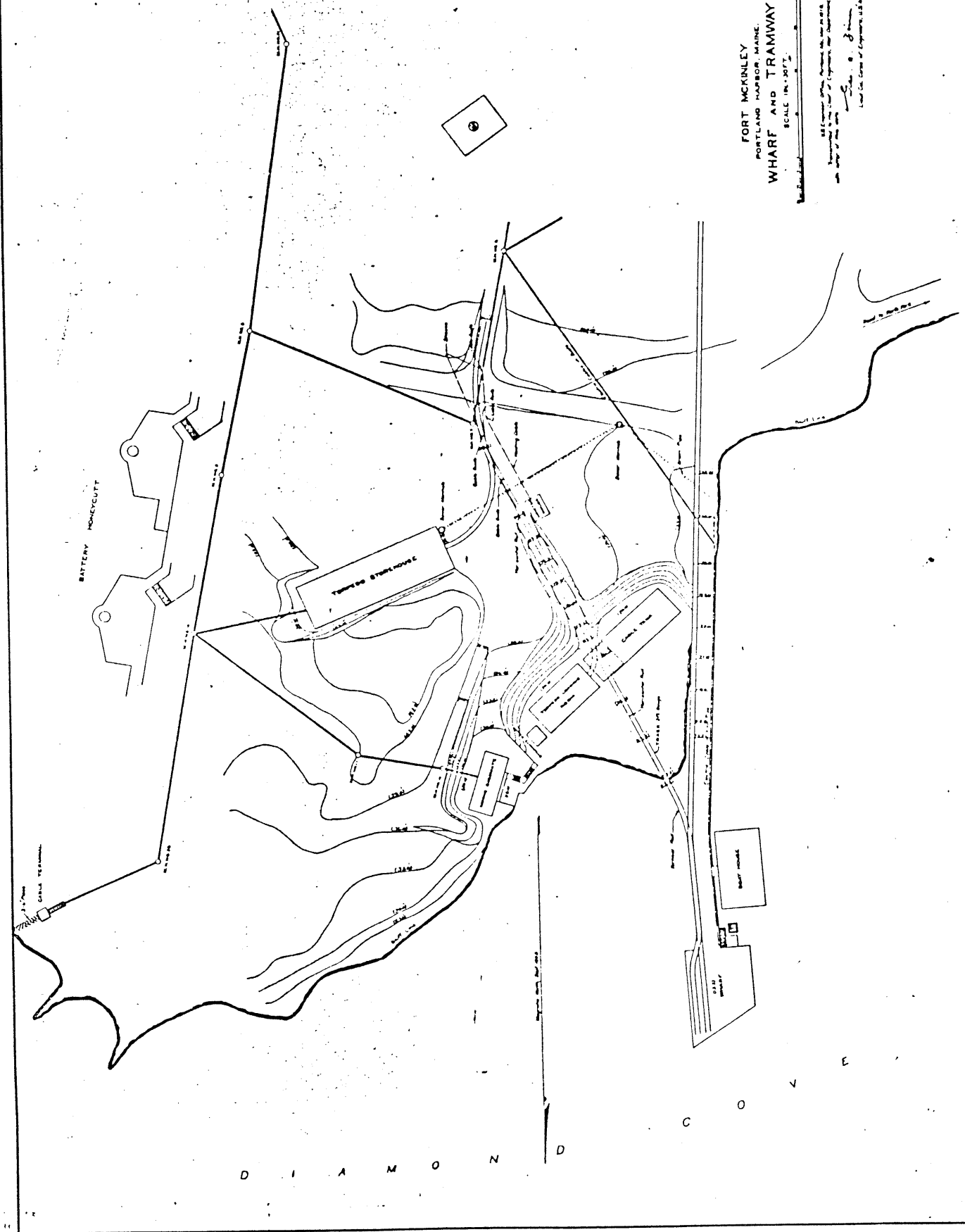


PLAN

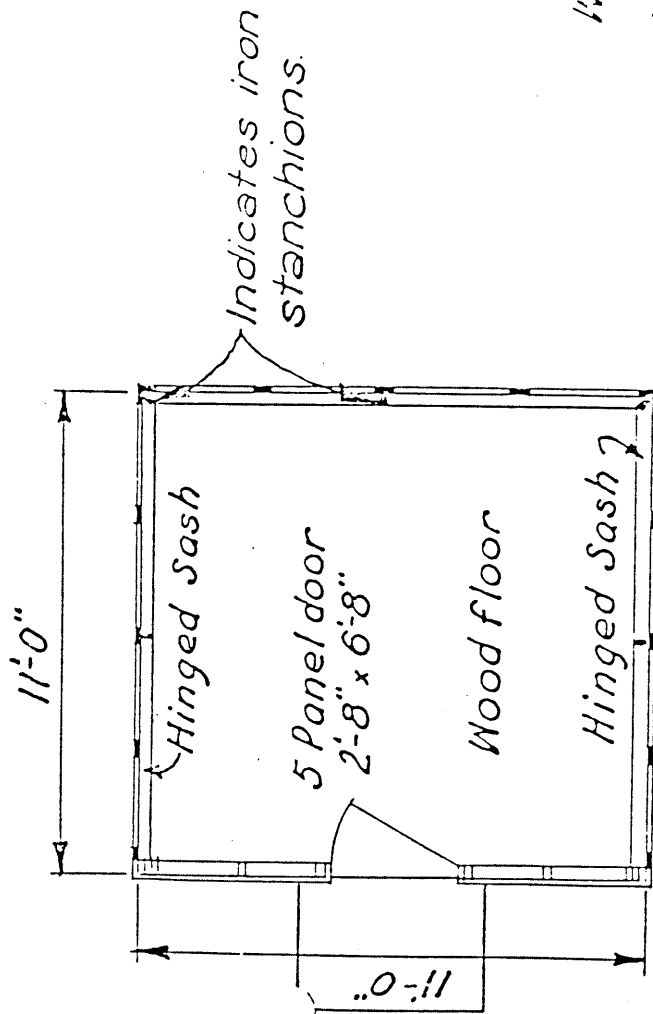
FORT MCKINLEY
PORTLAND HARBOR, MAINE.
WHARF AND TRAMWAY

SCALE 1 IN. = 30 FT.

ALL ELEVATIONS ARE FROM MEAN SEA LEVEL
ELEVATIONS OF 100 FEET AND OVER
ARE SHOWN BY BOLD LINES
L. C. L. CO. OF PORTLAND, ME.

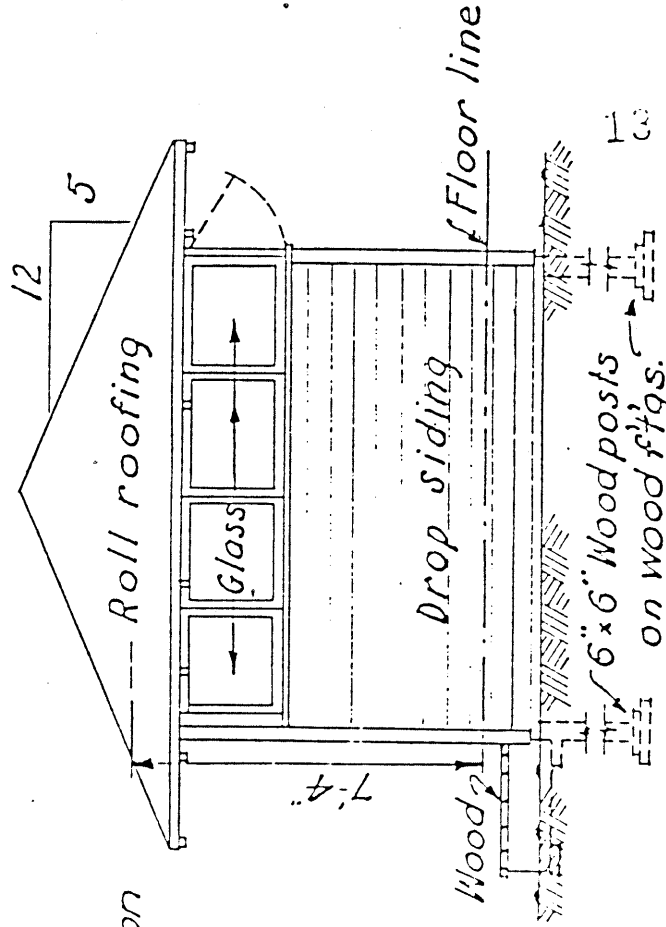


See 14 and 15
25
025-1-2
95

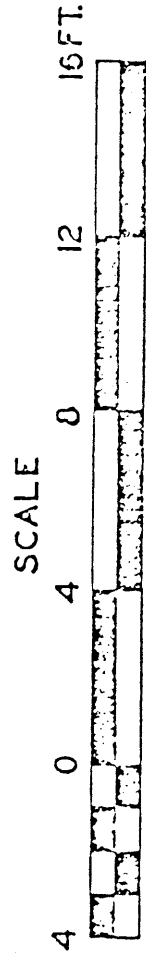


PLAN

B.C. STATION



ELEVATION

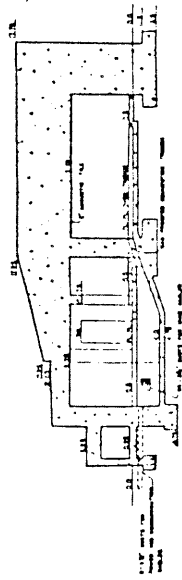


B. C. Station

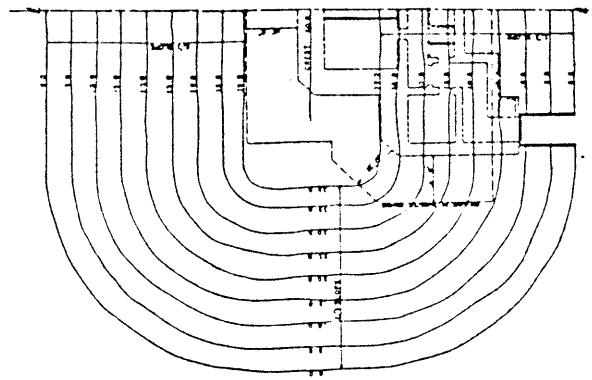
ATB

Location No. 160. Site 961.

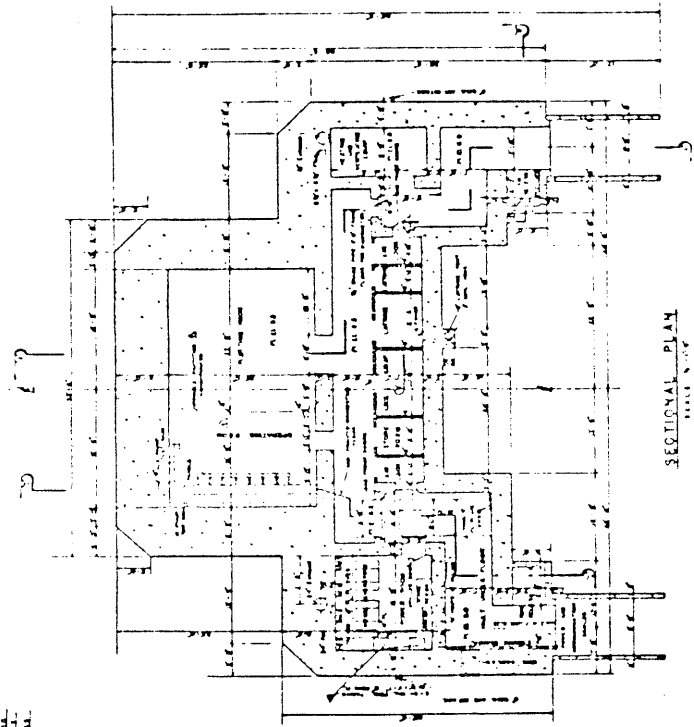
(Sheet 5 of 5 Sheets)



SECTION-W-W
SCALE 1/4" = 1'-0"



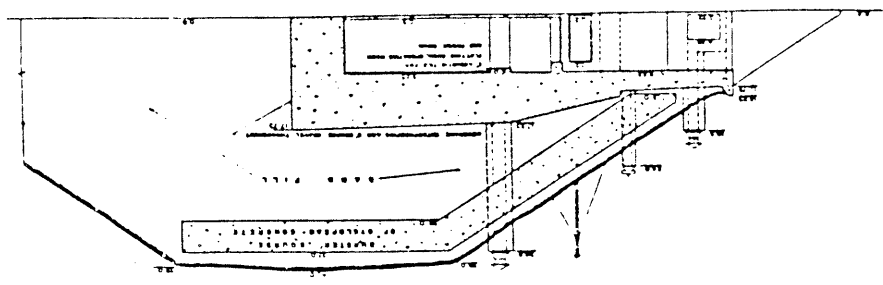
HALF TOP PLAN
SCALE 1/4" = 1'-0"



SECTIONAL PLAN
SCALE 1/4" = 1'-0"

NOTE

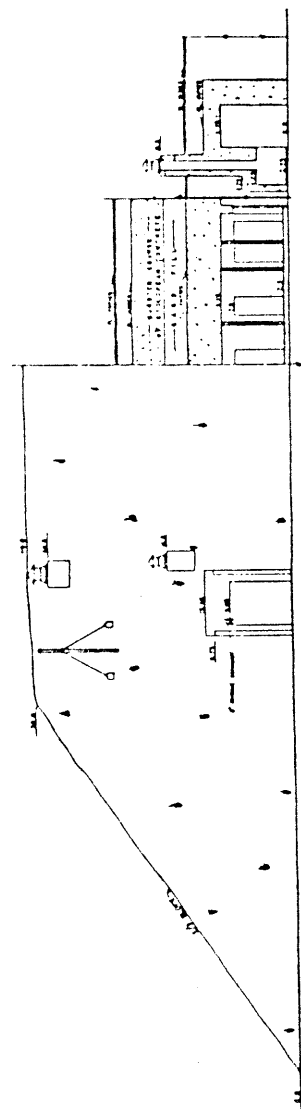
THE DIMENSIONS OF THE STRUCTURE
OF MATERIALS ARE BASED ON THE
PLAN AND SHALL BE MAINTAINED
WHEN CONSTRUCTED.



SECTION-A-A
SCALE 1/4" = 1'-0"

NOTE

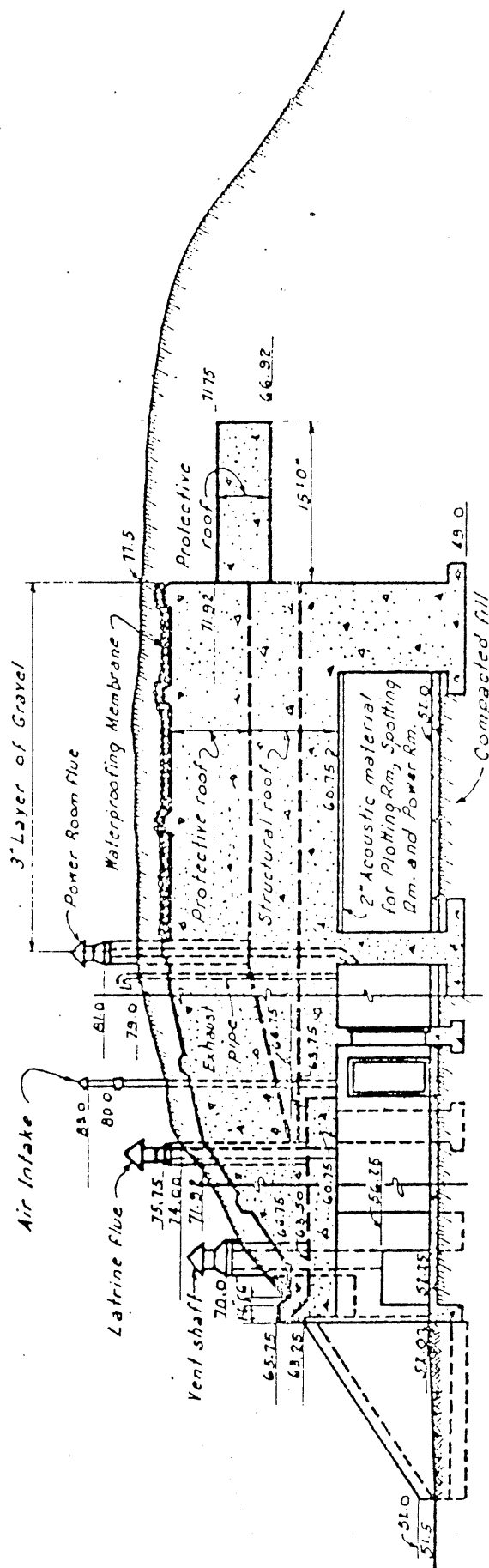
THE DIMENSIONS OF THE STRUCTURE
OF MATERIALS ARE BASED ON THE
PLAN AND SHALL BE MAINTAINED
WHEN CONSTRUCTED.



HALF REAR ELEVATION
SCALE 1/4" = 1'-0"

SECTION-B-B
SCALE 1/4" = 1'-0"

MINE CASEMATE TYPE PLAN NO. 102-90-47 D MINE GROUPS	
PREPARED BY: [Signature] CHECKED BY: [Signature] DATE: [Date]	
REVISIONS: 1. [Description] 2. [Description]	



SECTION A-A

HARBOR DEFENSES OF L. I. SOUND

PLOTTING ROOM

BATTERY DUNN

10' 0 10' 20'

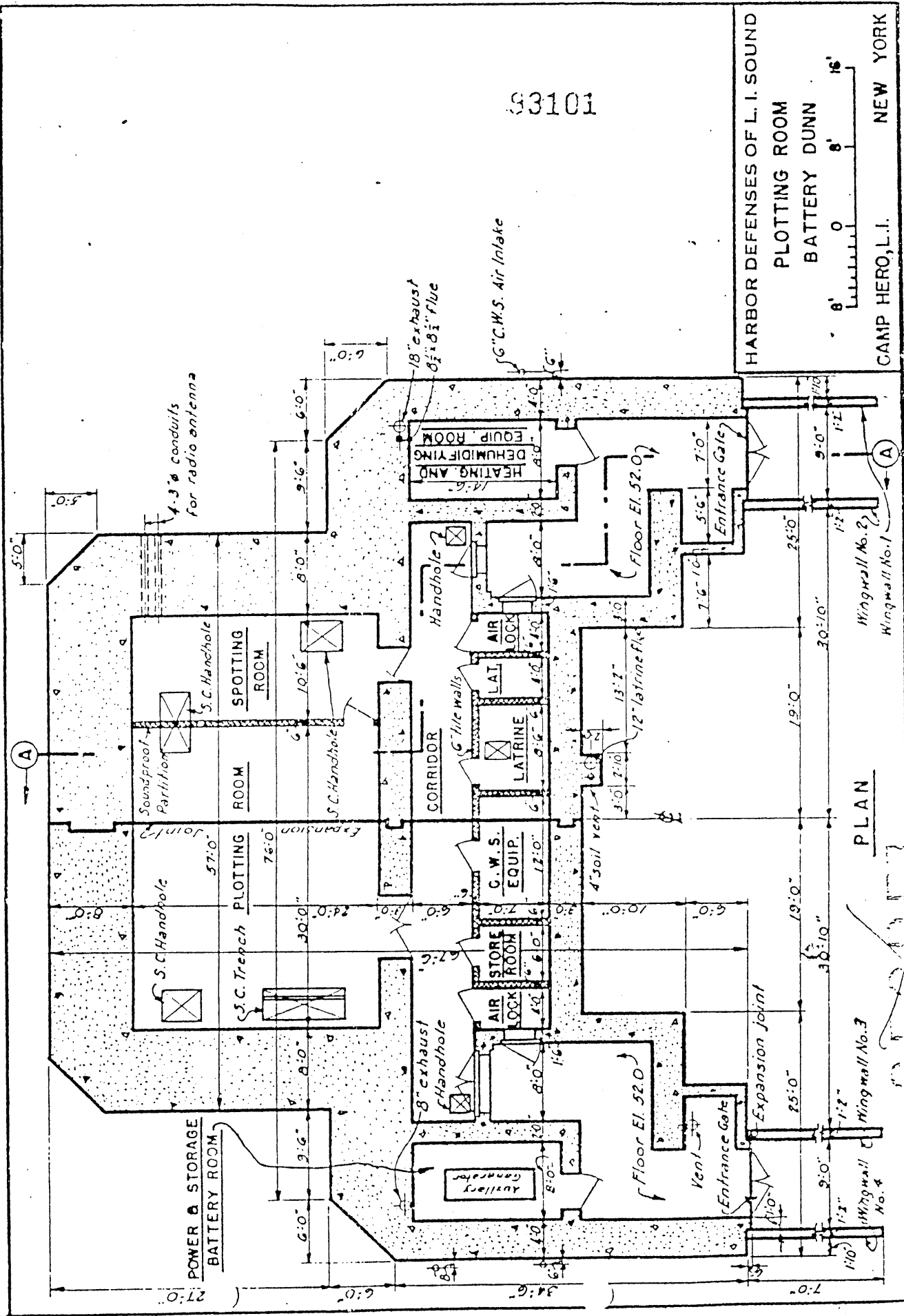
CAMP HERO, L. I.

NEW YORK

Plot Dunn
 2nd Plt 2nd Div 4112
 Both

CORPS OF ENGINEERS, U. S. ARMY

WAR DEPARTMENT



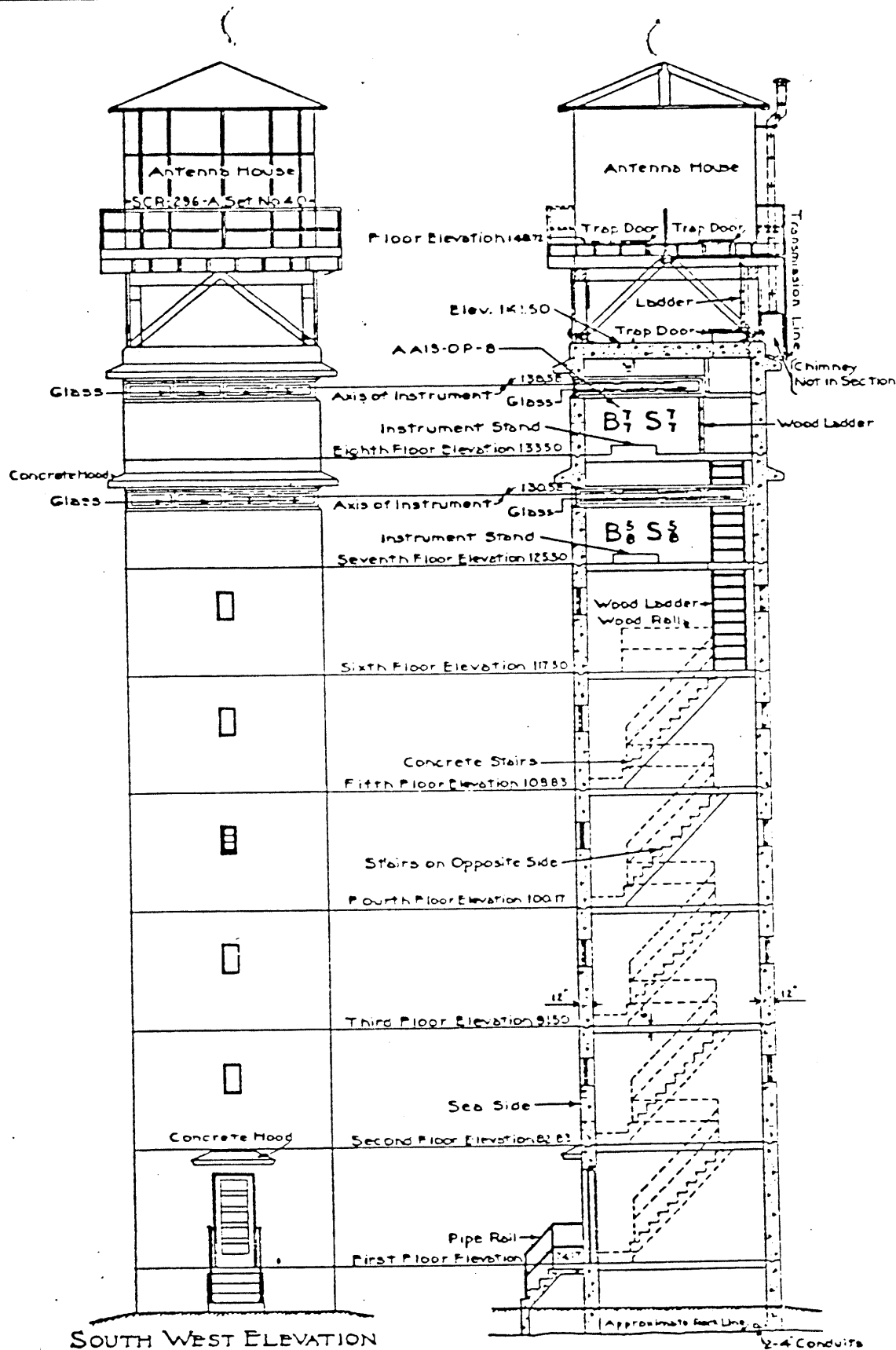
33101

HARBOR DEFENSES OF L. I. SOUND
 PLOTTING ROOM
 BATTERY DUNN
 CAMP HERO, L.I. NEW YORK

PLAN

Wingwall No. 3
 Wingwall No. 4

Wingwall No. 2
 Wingwall No. 1



SOUTH WEST ELEVATION

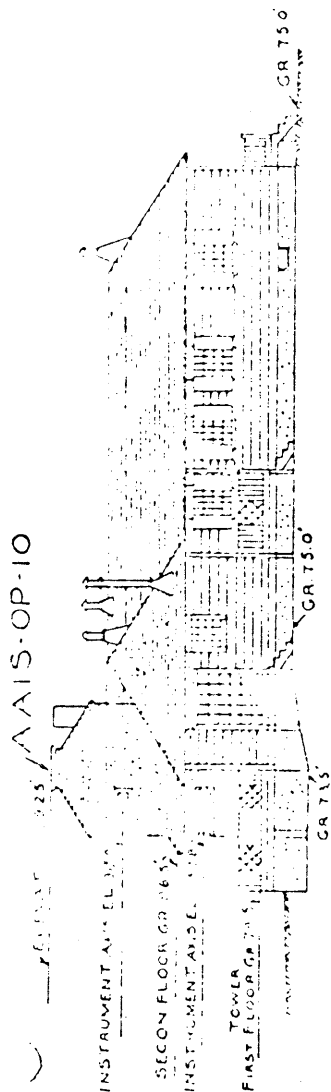
OBSERVATION STATION
LOCATION NO 168 SITE 1BSEE REPORT FOR
SCR-296-A SET NO 40 ON ROOF

SECTION A A

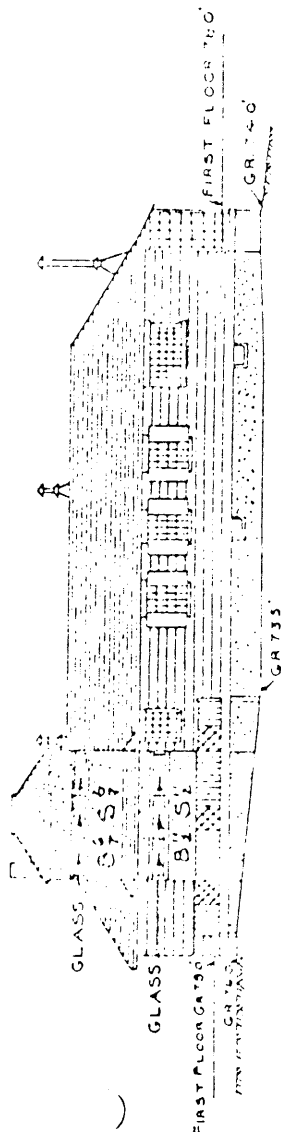
SCALE
0 1 2 3 4 5 10 15

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control or Submarine Mine Structure)

PART II Corrected to 21 September 1913



NORTH ELEVATION



ELEVATION TOWARD OCEAN

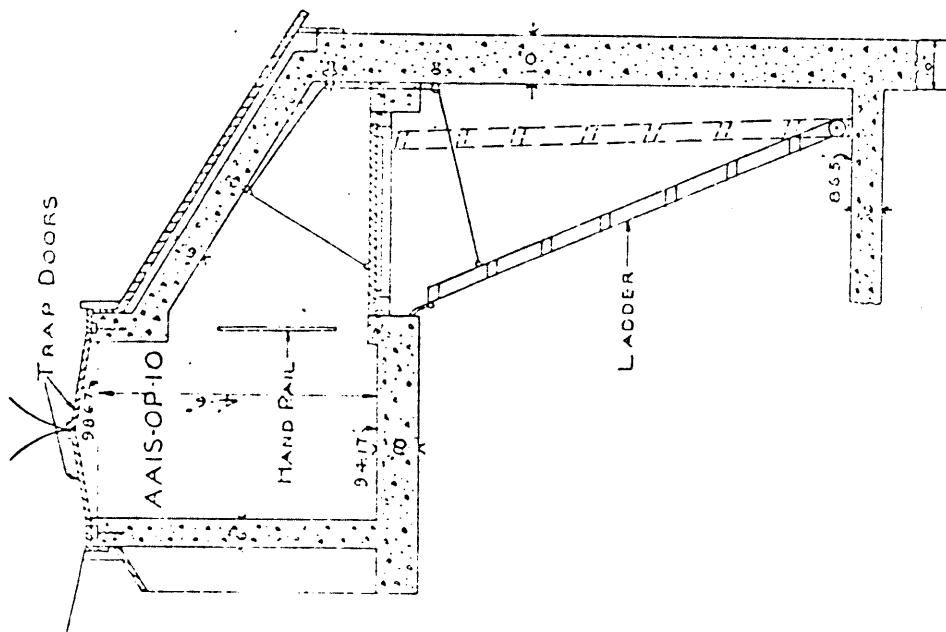
SCALE 1" = 10'

LOCATION NO 151 SITE-1A

(Sheet 2 of 2 Sheets)

SPENT-1

HARBOR DEFENSES OF Portsmouth, New Hampshire
Cape Neddick Location No. 151 Site 1A
STRUCTURE Observation Tower
Elevations and Section

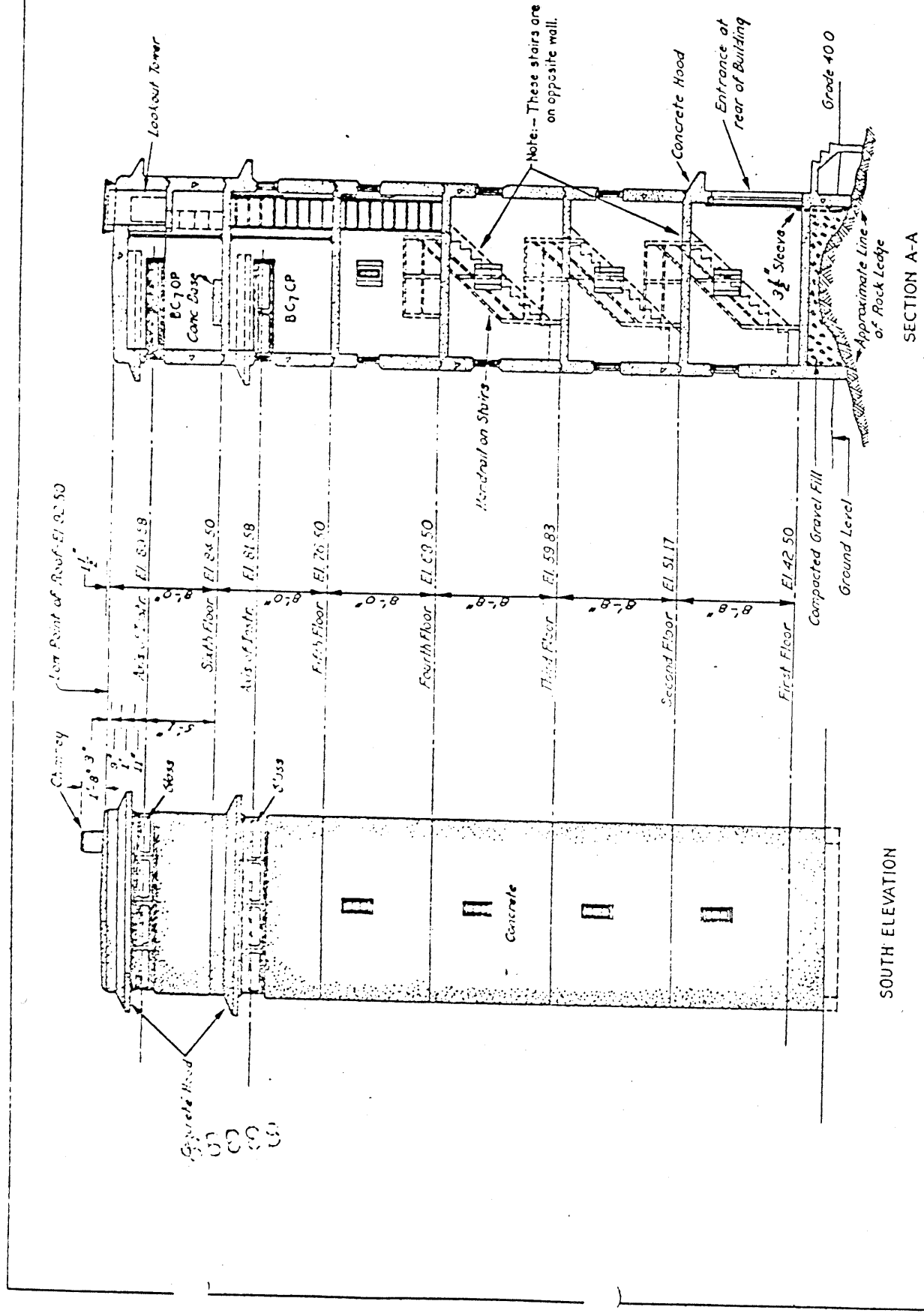


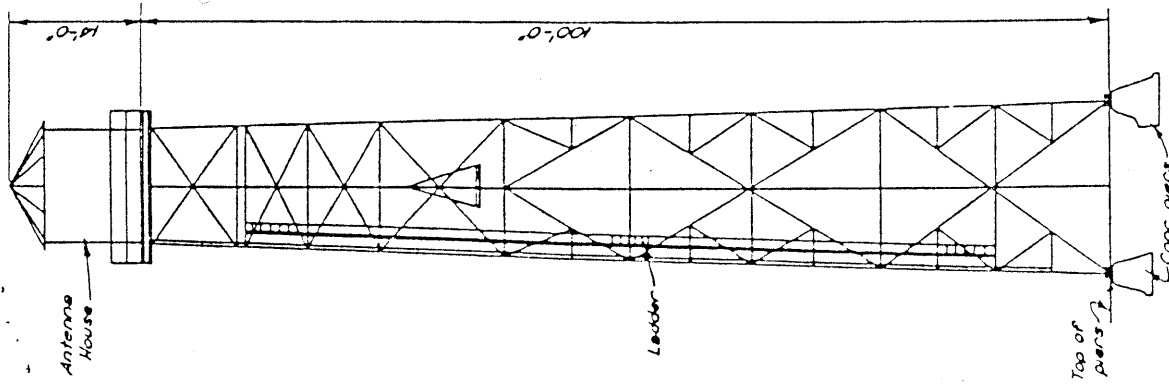
TOWER LOCKOUT

SCALE 1" = 10'

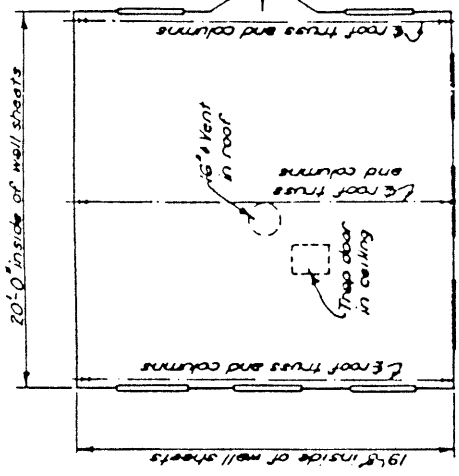
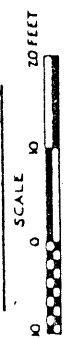
Sheet 2 of 2 sheets
 HARBOR DEFENSES OF Portsmouth, New Hampshire
 Fort Porter - Gorrich Island - Portsmouth Harbor
 Structure - Observation Tower - 6 Stories
 Station Assignments. BC7-OP / BC7-CP

REMARKS - SEACOAST FORTIFICATIONS
 (Fire Control or Torpedo Stations)
 Location No. 149, Site 1B.
 Form 2 Corrected to 19 May 1943



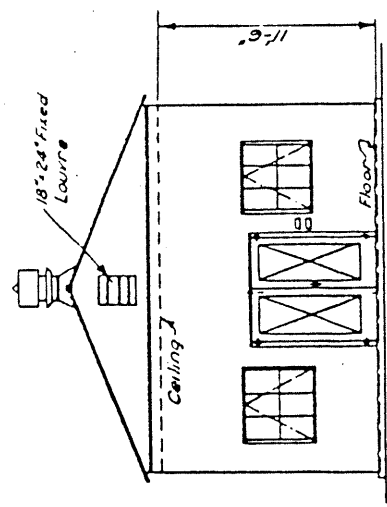


ELEV.
STEEL TOWER

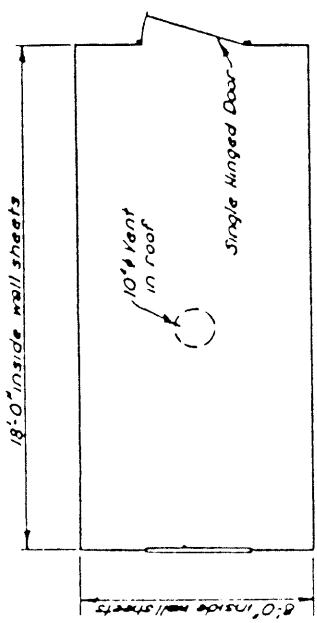


PLAN

HOUSE, HO-2-A

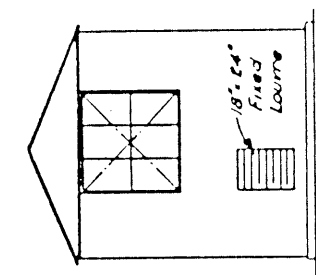


END ELEVATION

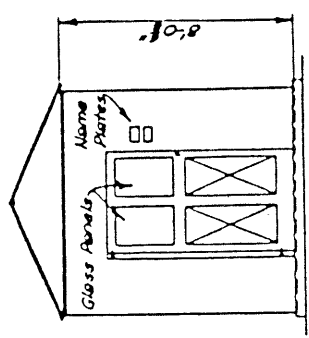


PLAN

HOUSE, HO-1-A



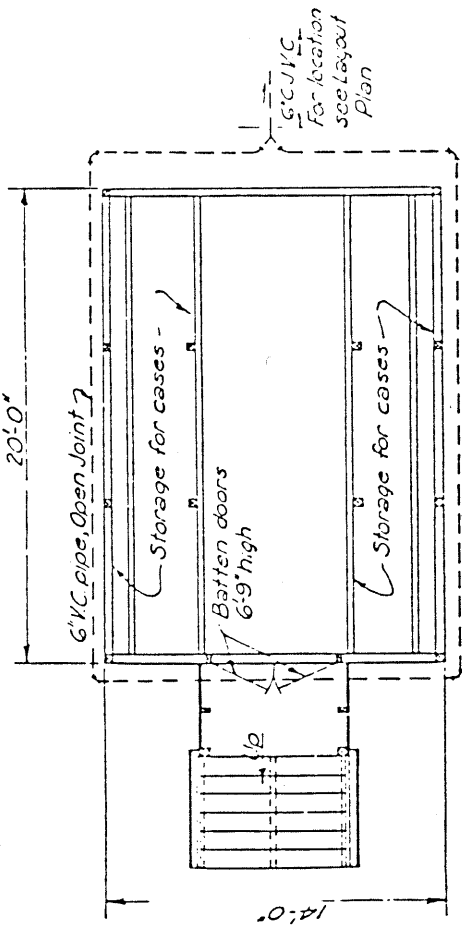
END ELEVATION



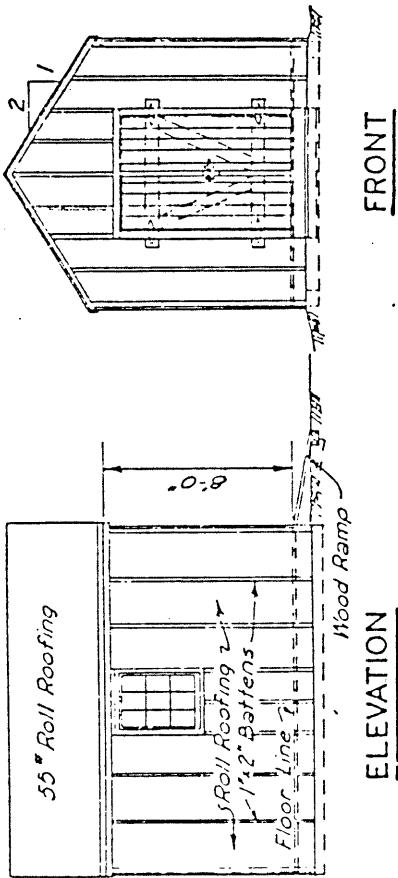
END ELEVATION

NOTES
HO-1-A and HO-2-A buildings are pre-fabricated galvanized sheet metal on structural steel frames, with walls and ceiling for HO-2-A having 1" insulation. HO-1-A and HO-2-A buildings have conc. floors. Steel tower has an elevator running from the ground to a platform 10' below antenna house. Access to antenna house from platform is by ladder.

Plan and Elevations
Operations Building, SCR-296A
Location 127, Set #26
Fort Dawes-Deer Island
(Sheet 4 of 4 sheets)

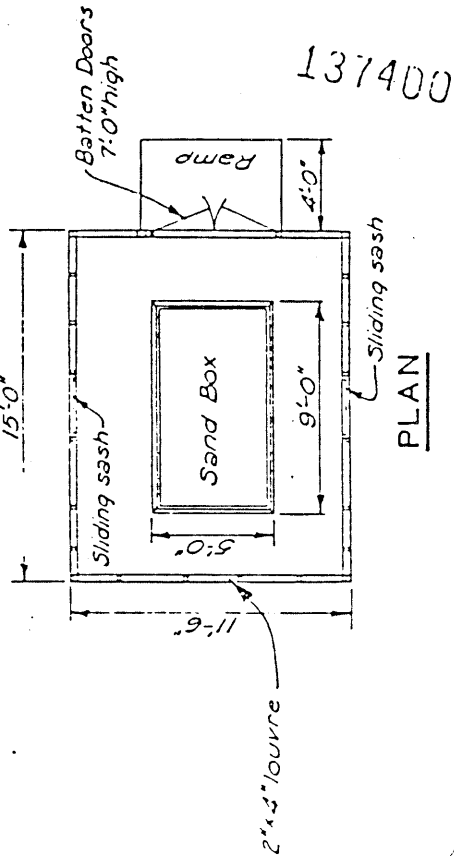


FLOOR PLAN



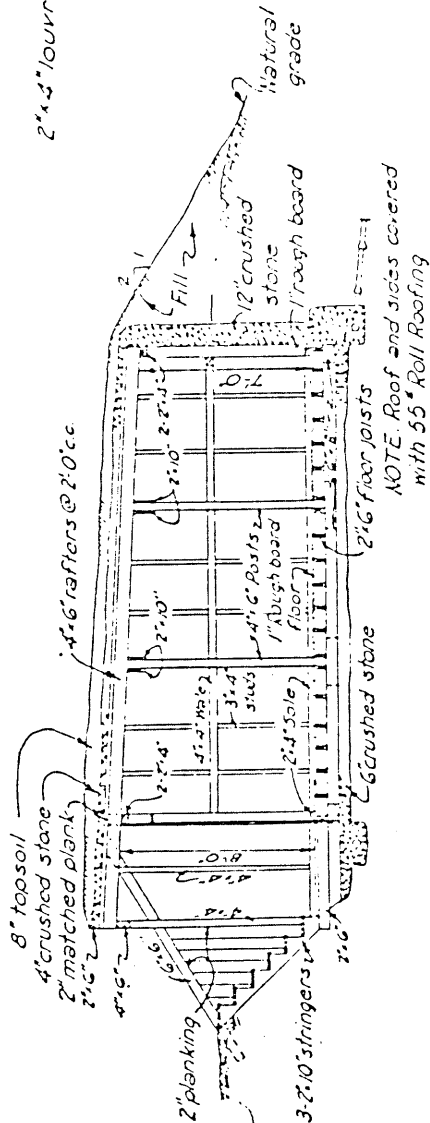
FRONT

ELEVATION



PLAN

GENERATOR BUILDING



SECTIONAL ELEVATION

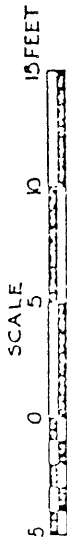
UNDERGROUND STORAGE

Underground Storage and
Generator Building

ALTB

Location No. 160. Site 961.

(Sheet 4 of 5 Sheets)



nd,

, Me.

Annex 4--PHOTOGRAPHS OF REPRESENTATIVE STRUCTURES

Endicott and Taft Periods, 1891-1916

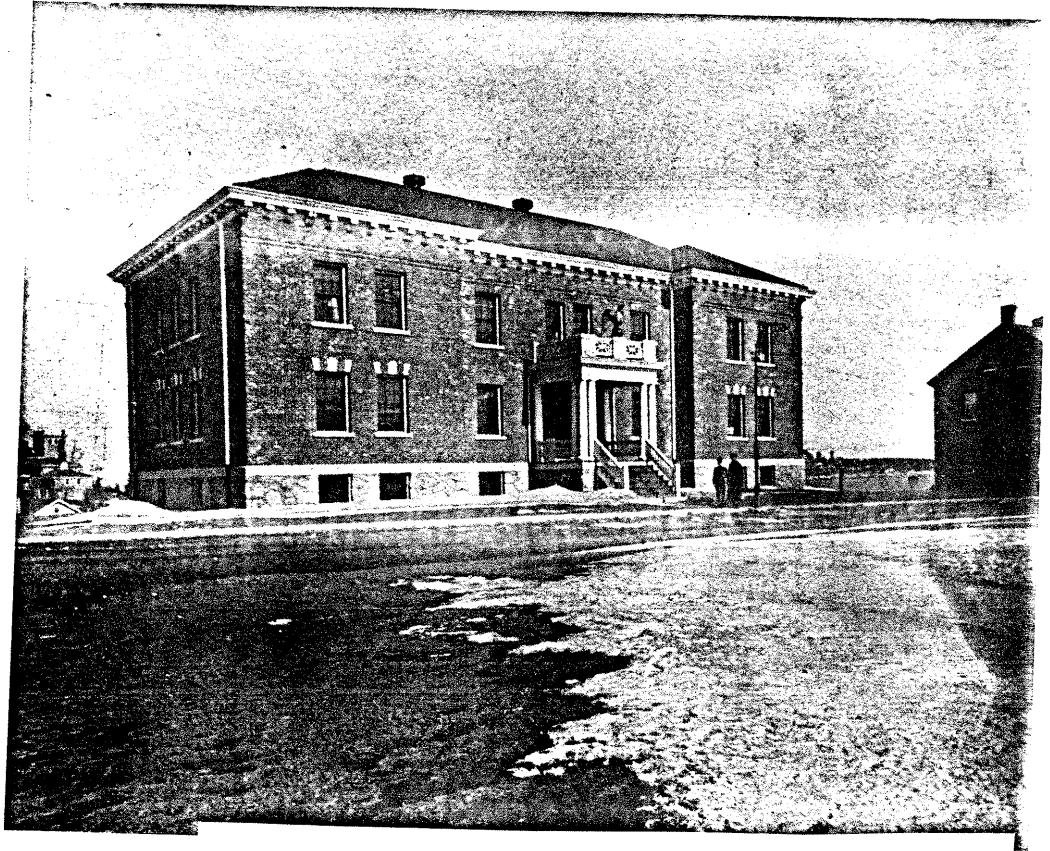
Administration Building, 1911, Fort Williams, Cape Elizabeth, Me.
 Bachelor Officers Quarters, 1909, Fort Williams, Cape Elizabeth, Me.
 Bakery, 1910, Fort Williams, Cape Elizabeth, Me.
 Band Stand, ca. 1911, Fort Williams, Cape Elizabeth, Me.
 Barracks, 1902, Fort Williams, Cape Elizabeth, Me.
 Battery Commander's Sta., 1905, Btry. Bowdoin, Ft. Levett, Cushing Island, Me.
 Double Non-Commissioned Officers Qtrs., 1909, Ft. Williams, Cape Elizabeth, Me.
 Double Non-Commissioned Officers Qtrs., 1909, Ft. Williams, Cape Elizabeth, Me.
 Double Officers Quarters, 1901, Fort Williams, Cape Elizabeth, Me.
 Fire Station, 1911, Fort Williams, Cape Elizabeth, Me.
 Guard House, 1911, Fort Williams, Cape Elizabeth, Me.
 Hospital, 1901, Fort Williams, Cape Elizabeth, Me.
 Hospital Steward's Quarters, 1901, Fort Williams, Cape Elizabeth, Me.
 Officers Quarters, 1902, Fort Williams, Cape Elizabeth, Me.
 Post Exchange, 1904, Fort Williams, Cape Elizabeth, Me.
 Post Gymnasium, 1908, Fort Williams, Cape Elizabeth, Me.
 Quartermaster Storehouse & Office, 1910, Fort Williams, Cape Elizabeth, Me.

World War I and the Inter-War Period, 1917-1938

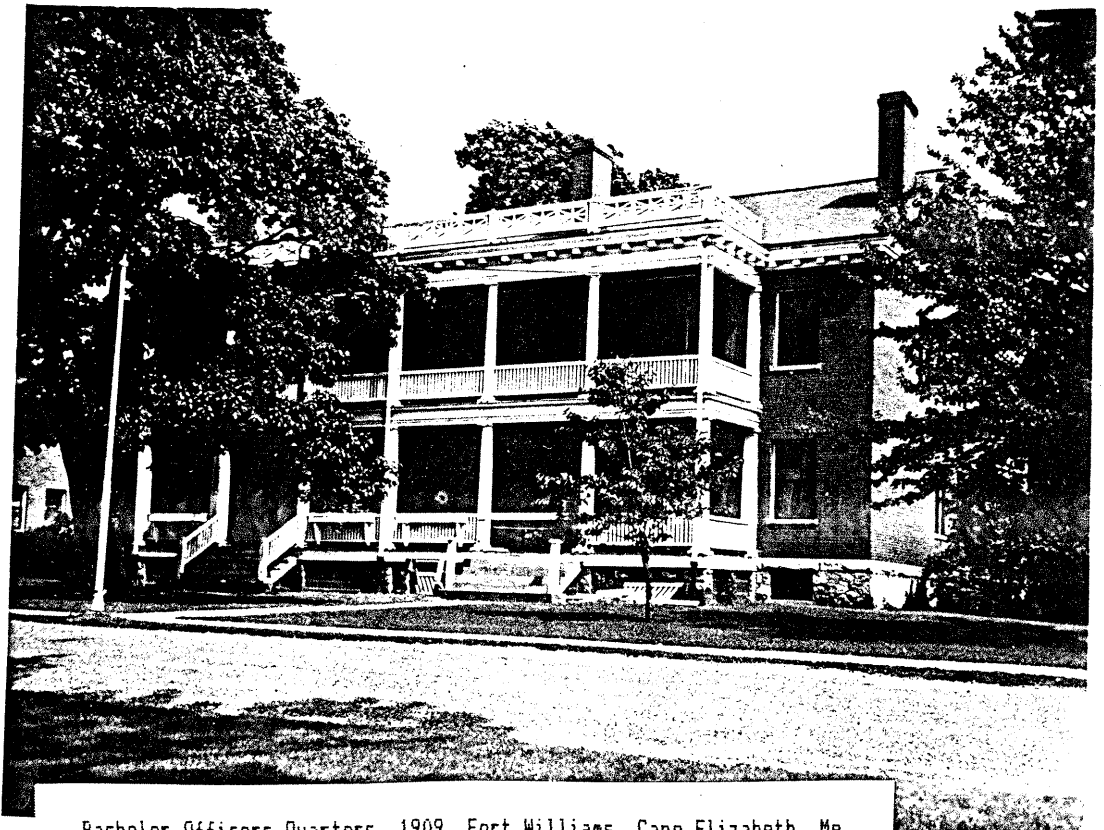
Combined Range Finding Station, 1909, Peaks Island, Me.
 Disappearing Searchlight, 1921, Peaks Island, Me.
 Observation Tower, 1921, Trundy Point, Cape Elizabeth, Me.
 Quartermaster Garage, 192, Fort Williams, Cape Elizabeth, Me.
 Searchlight Shelter, 1921, Fort Foster, Kittery, Me.
 Searchlight Powerhouse, 1921, Peaks Island, Me.
 War Department Theater, 1938, Fort McKinley, Great Diamond Island, Me.

World War II, 1939-1945

Barracks, 1941, Fort Williams, Cape Elizabeth, Me.
 Battery Cravens, 1944, Peaks Island, Me.
 Battery 201, 1944, Cape Elizabeth, Me.
 Company Administration and Storehouse, 1941, Fort Williams, Cape Elizabeth, Me.
 Double Mine Control Station, 1944, Peaks Island, Me.
 Double Mine Control Station, 1944, Fort Levett, Cushing Island, Me.
 Framework, Camouflage Net, Btry. Kendrick, 1943, Ft. Levett, Cushing Is., Me.
 Generator Building, Radar Station, 1944, Long Island, Me.
 Mine Casemate, 1944, Peaks Island, Me.
 90mm Gun Block, AMTB Battery, 1943, Fort Levett, Cushing Island, Me.
 Observation Tower, 1944, Fort Levett, Cushing Island, Me.
 Observation Tower, 1944, Prout's Neck, Scarborough, Me.
 Observation Tower, 1944, Long Island, Me.
 Officers Quarters and Mess, 1941, Fort Williams, Cape Elizabeth, Me.
 Plotting, Switchboard and Radio Room, Battery Steel, 1944, Peaks Island, Me.
 Range Finder Station and Magazine, AMTB Battery, 1943, Peaks Island, Me.



Administration Building, 1911, Fort Williams, Cape Elizabeth, Me.



Bachelor Officers Quarters, 1909, Fort Williams, Cape Elizabeth, Me.



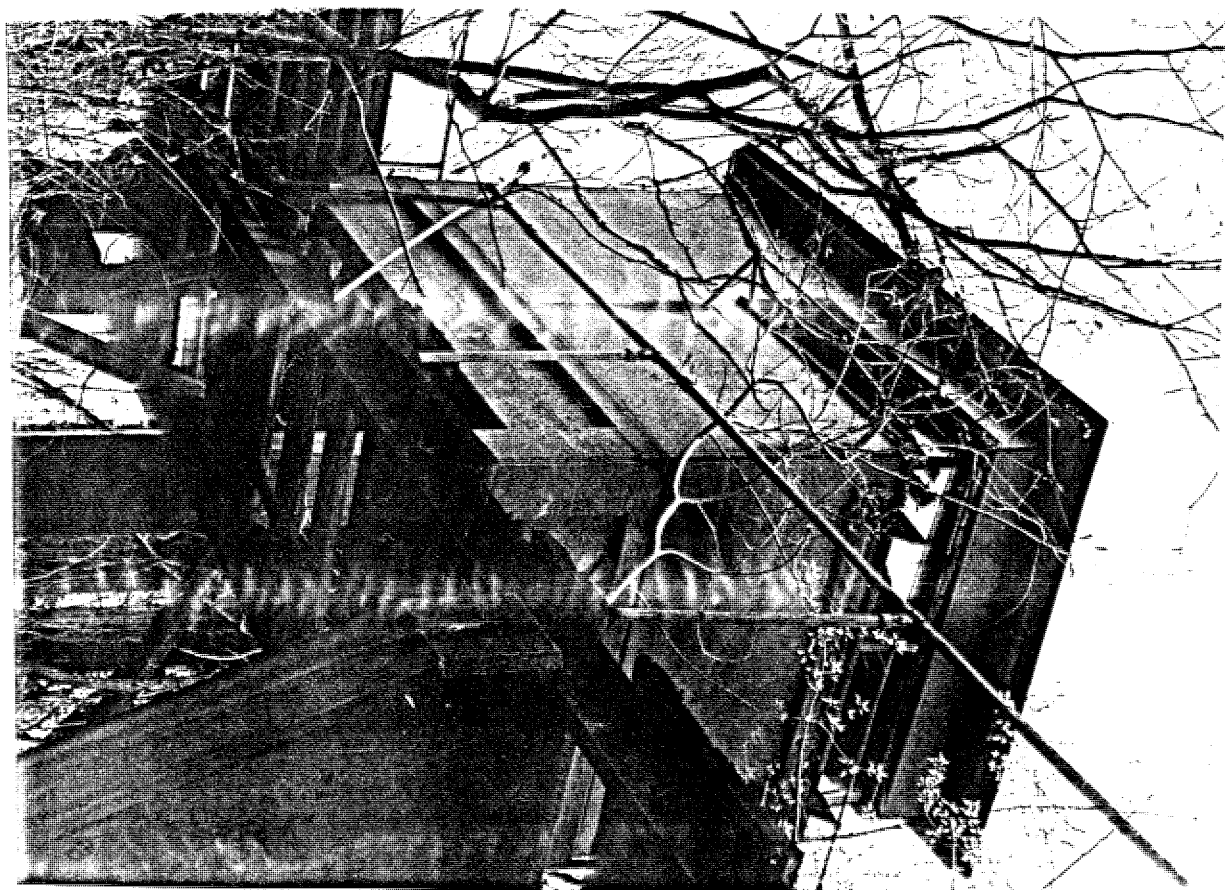
Bakery, 1910, Fort Williams, Cape Elizabeth, Me.



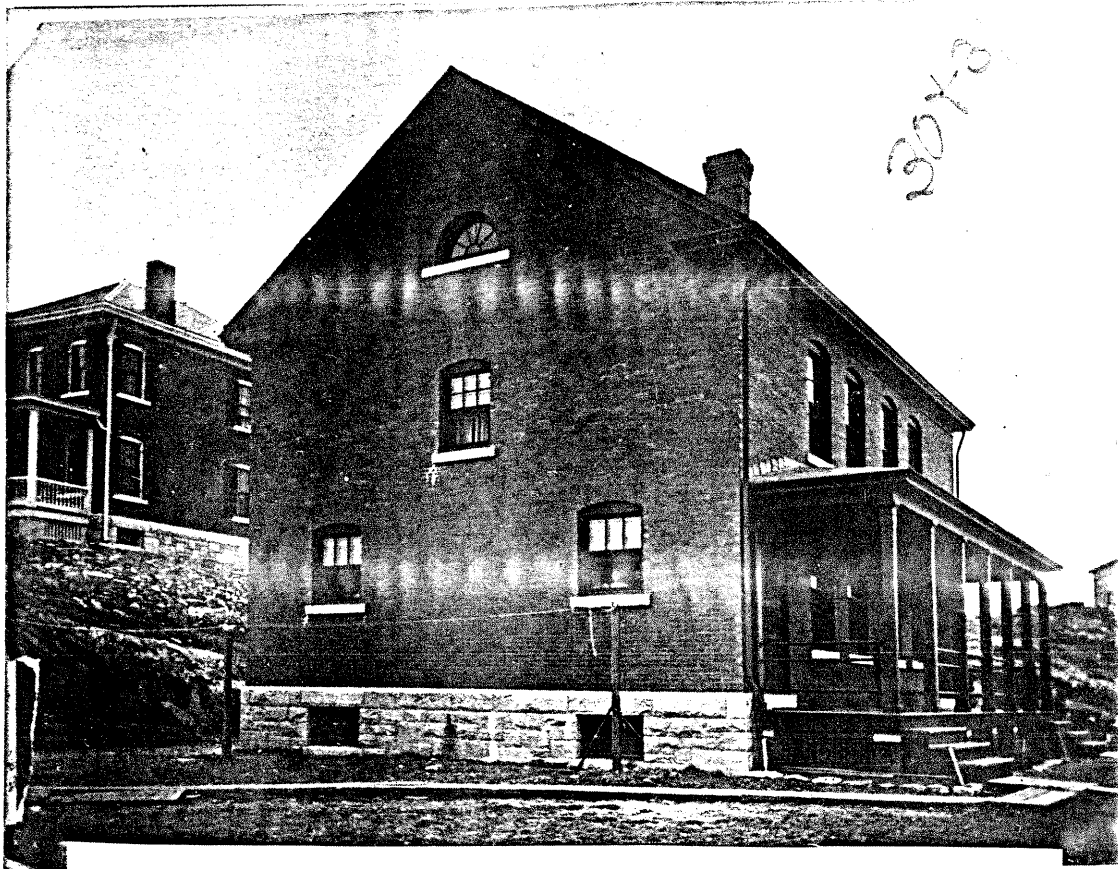
Band Stand, ca. 1911, Fort Williams, Cape Elizabeth, Me.



Barracks, 1902, Fort Williams, Cape Elizabeth, Me.



Battery Commander's Sta., 1905, Btry. Bowdoin, Ft. Levett, Cushing Island, Me.



Double Non-Commissioned Officers Qtrs., 1909, Ft. Williams, Cape Elizabeth, Me.



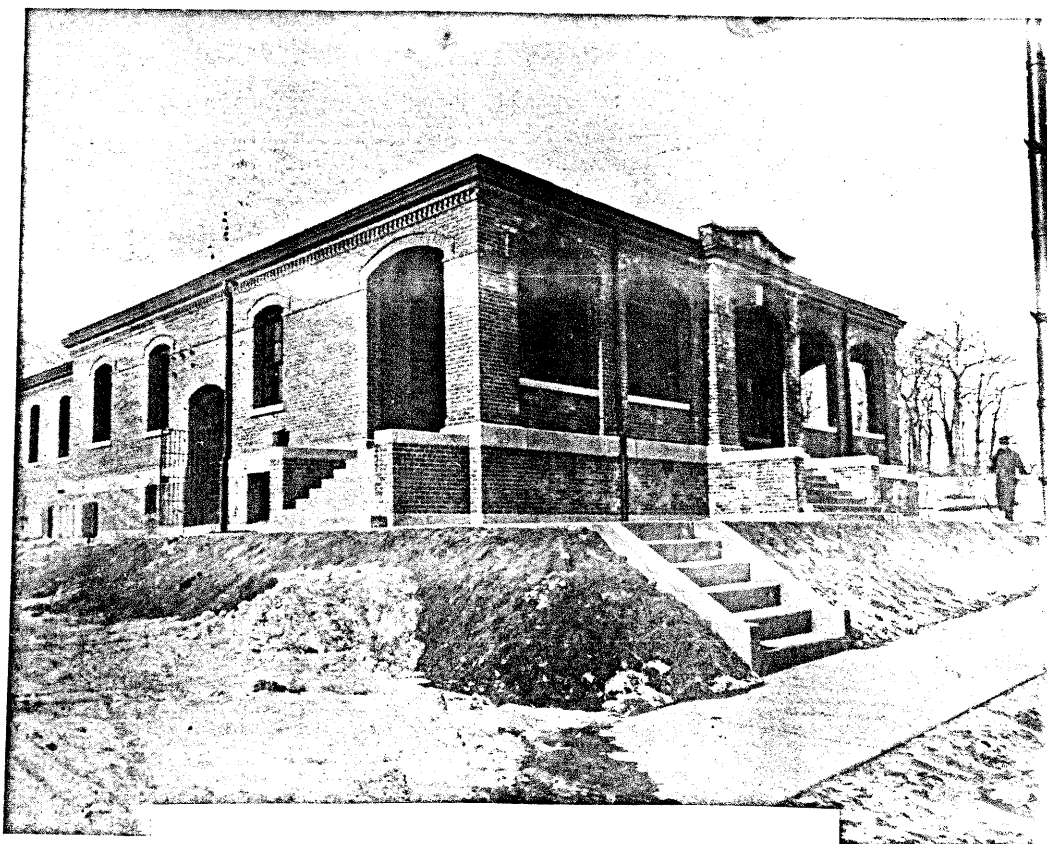
Double Non-Commissioned Officers Qtrs., 1909, Ft. Williams, Cape Elizabeth, Me.



Double Officers Quarters, 1901, Fort Williams, Cape Elizabeth, Me.



Fire Station, 1911, Fort Williams, Cape Elizabeth, Me.



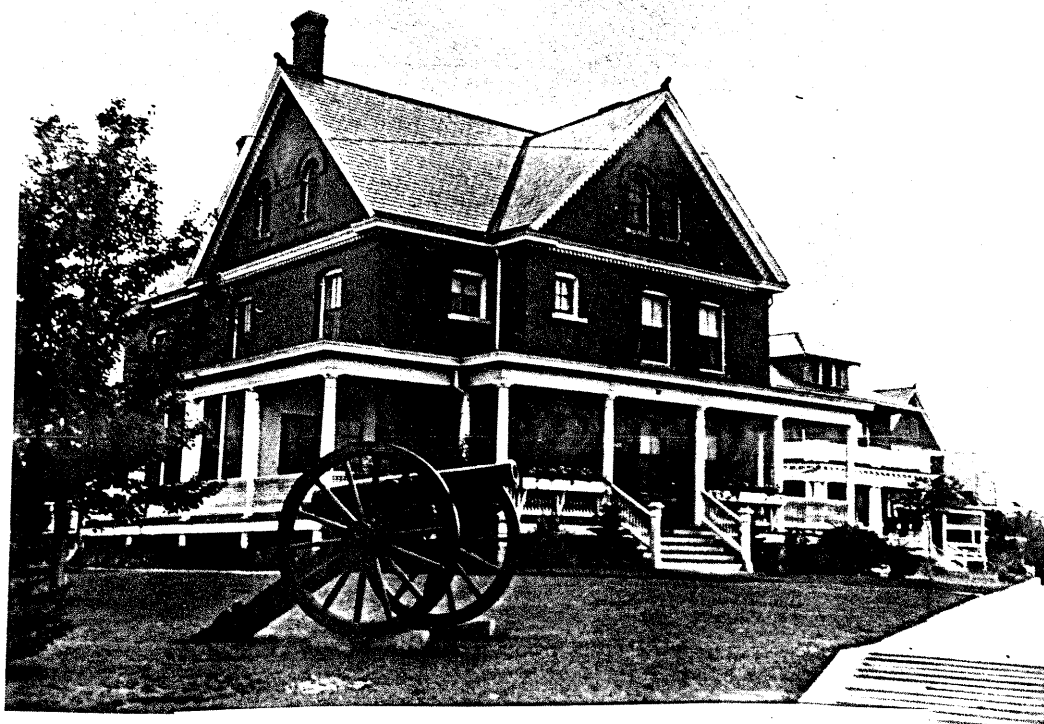
Guard House, 1911, Fort Williams, Cape Elizabeth, Me.



Hospital, 1901, Fort Williams, Cape Elizabeth, Me.



Hospital Steward's Quarters, 1901, Fort Williams, Cape Elizabeth, Me.



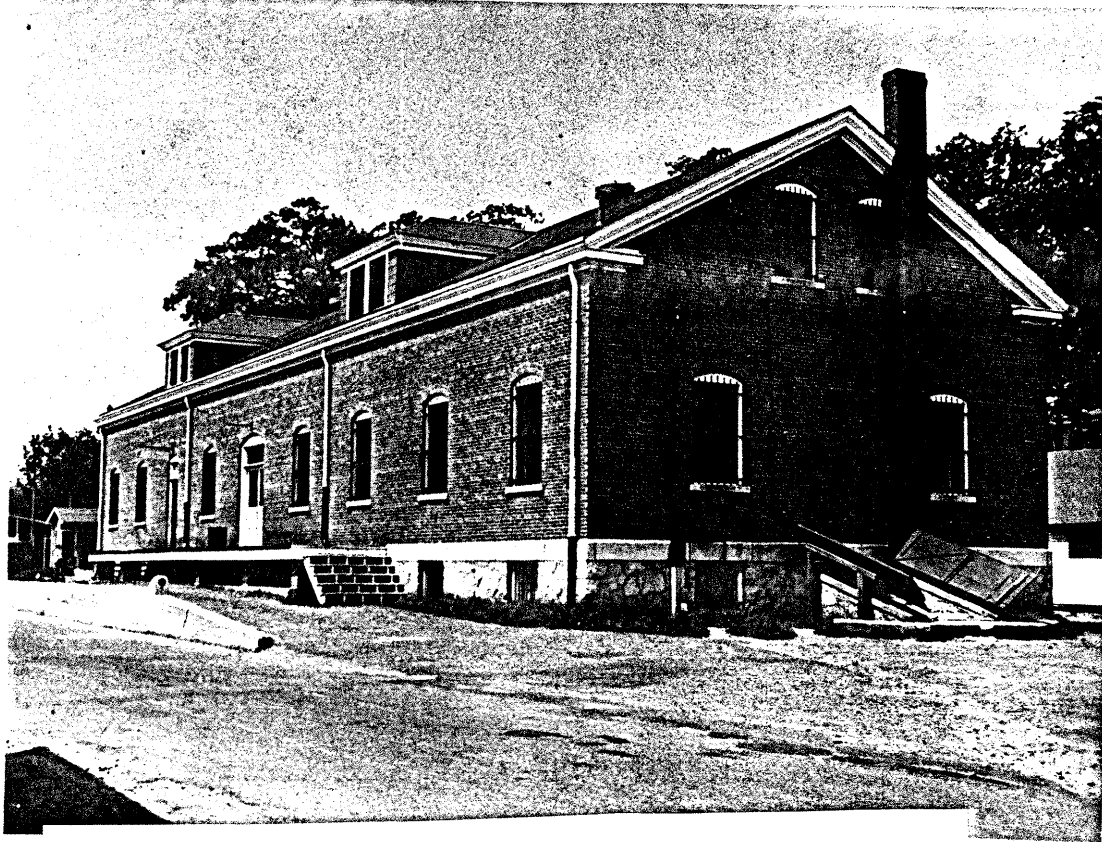
Officers Quarters, 1902, Fort Williams, Cape Elizabeth, Me.



Post Exchange, 1904, Fort Williams, Cape Elizabeth, Me.



Post Gymnasium, 1908, Fort Williams, Cape Elizabeth, Me.



Quartermaster Storehouse & Office, 1910, Fort Williams, Cape Elizabeth, Me.



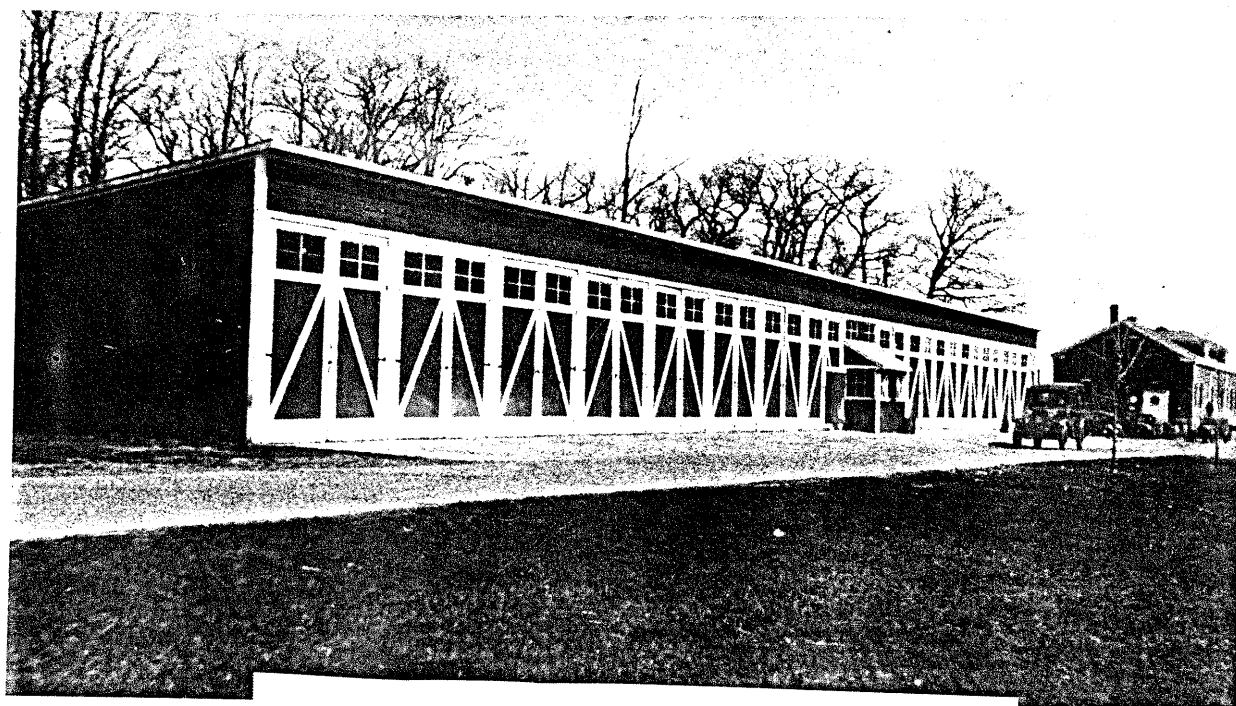
Combined Range Finding Station, 1909, Peaks Island, Me.



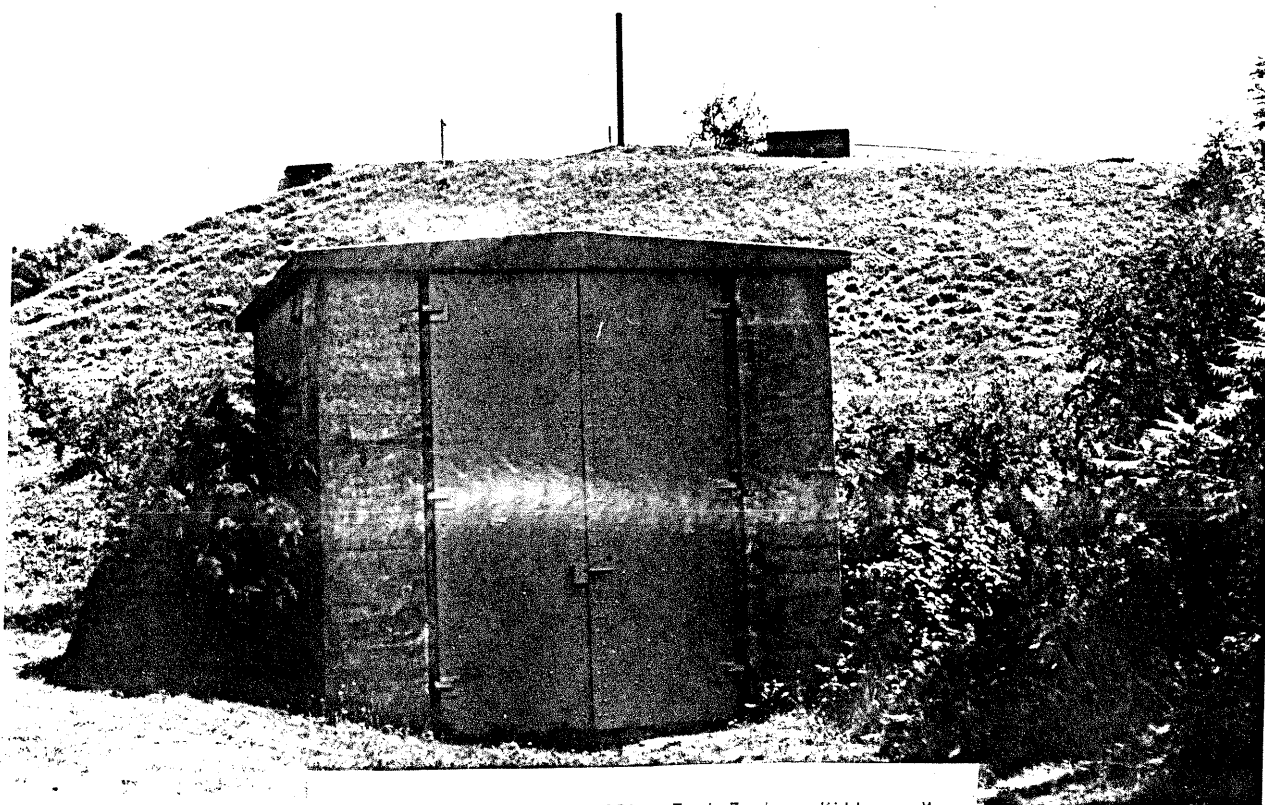
Disappearing Searchlight, 1921, Peaks Island, Me.



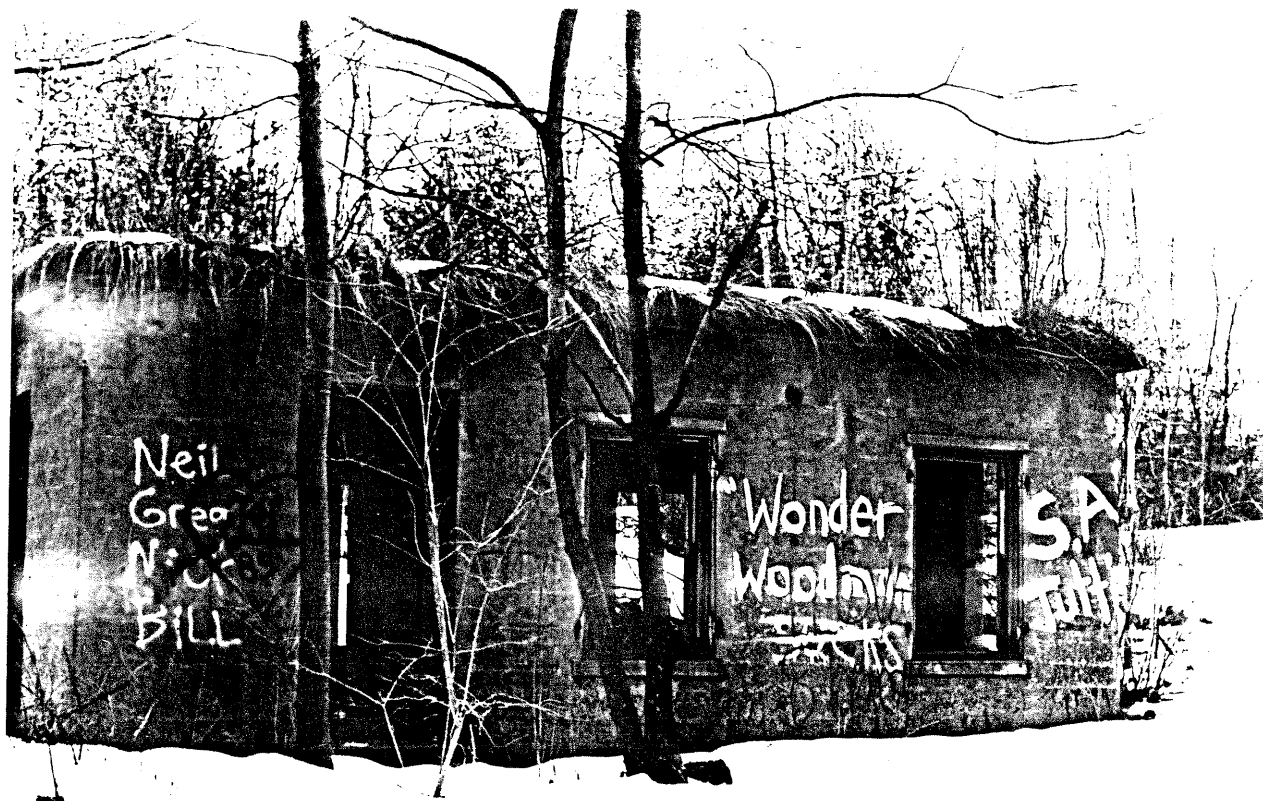
Observation Tower, 1921, Trundy Point, Cape Elizabeth, Me.



Quartermaster Garage, 192, Fort Williams, Cape Elizabeth, Me.



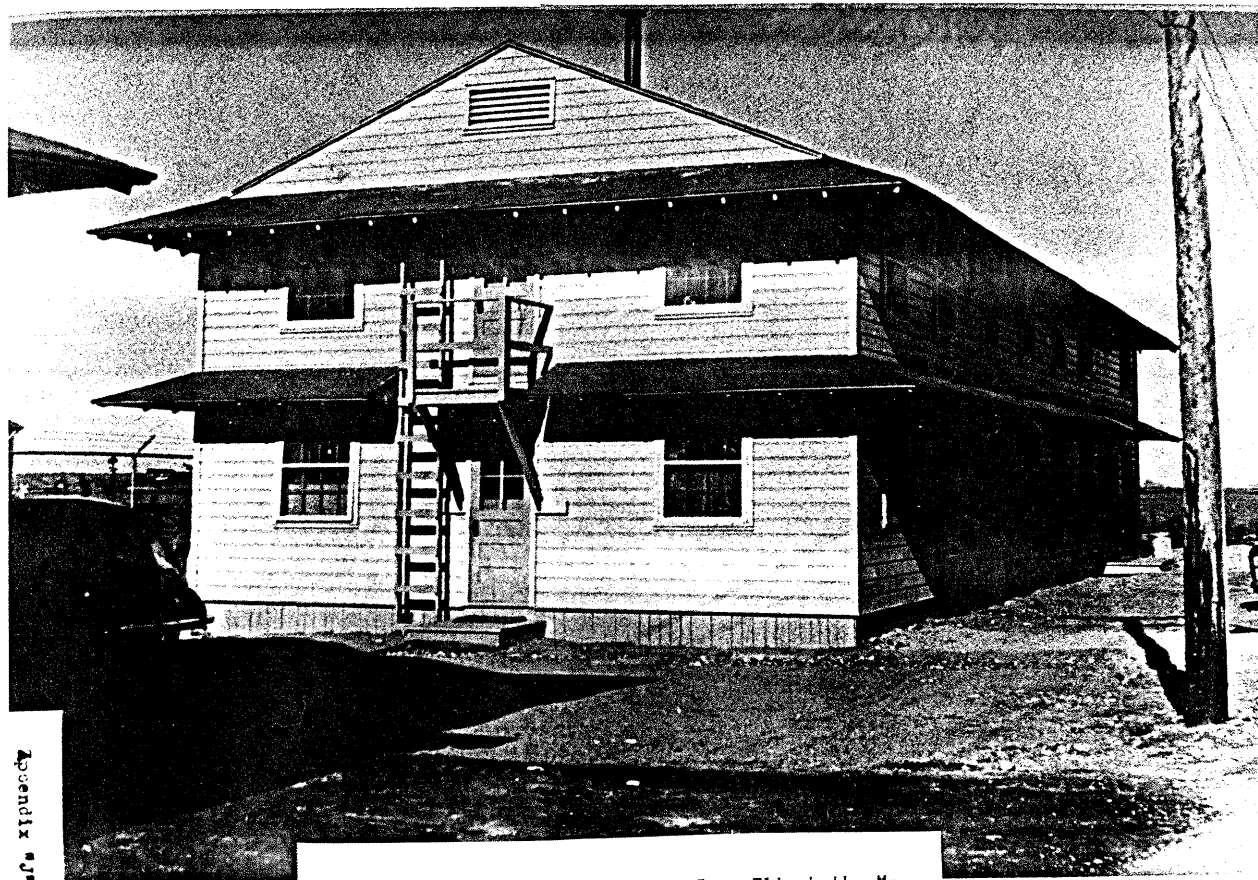
Searchlight Shelter, 1921, Fort Foster, Kittery, Me.



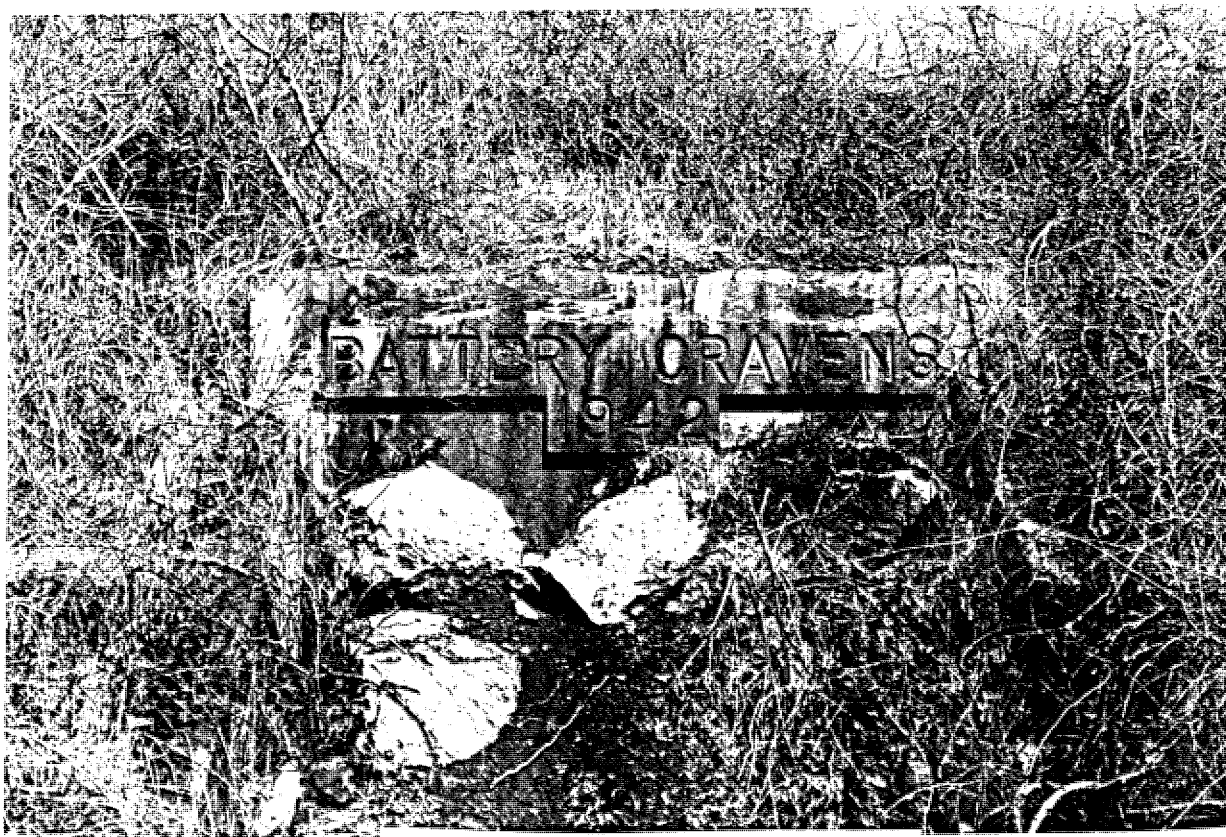
Searchlight Powerhouse, 1921, Peaks Island, Me.



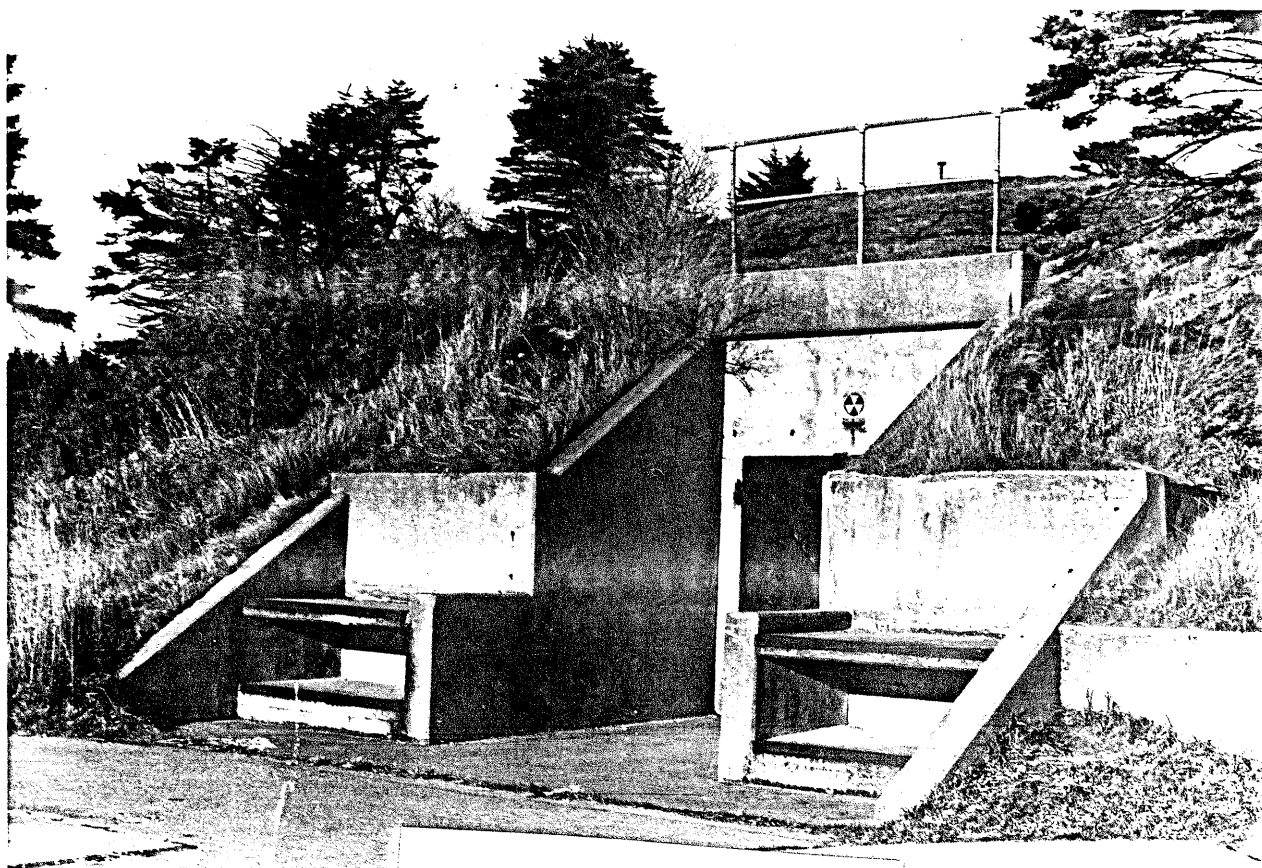
War Department Theater, 1938, Fort McKinley, Great Diamond Island, Me.



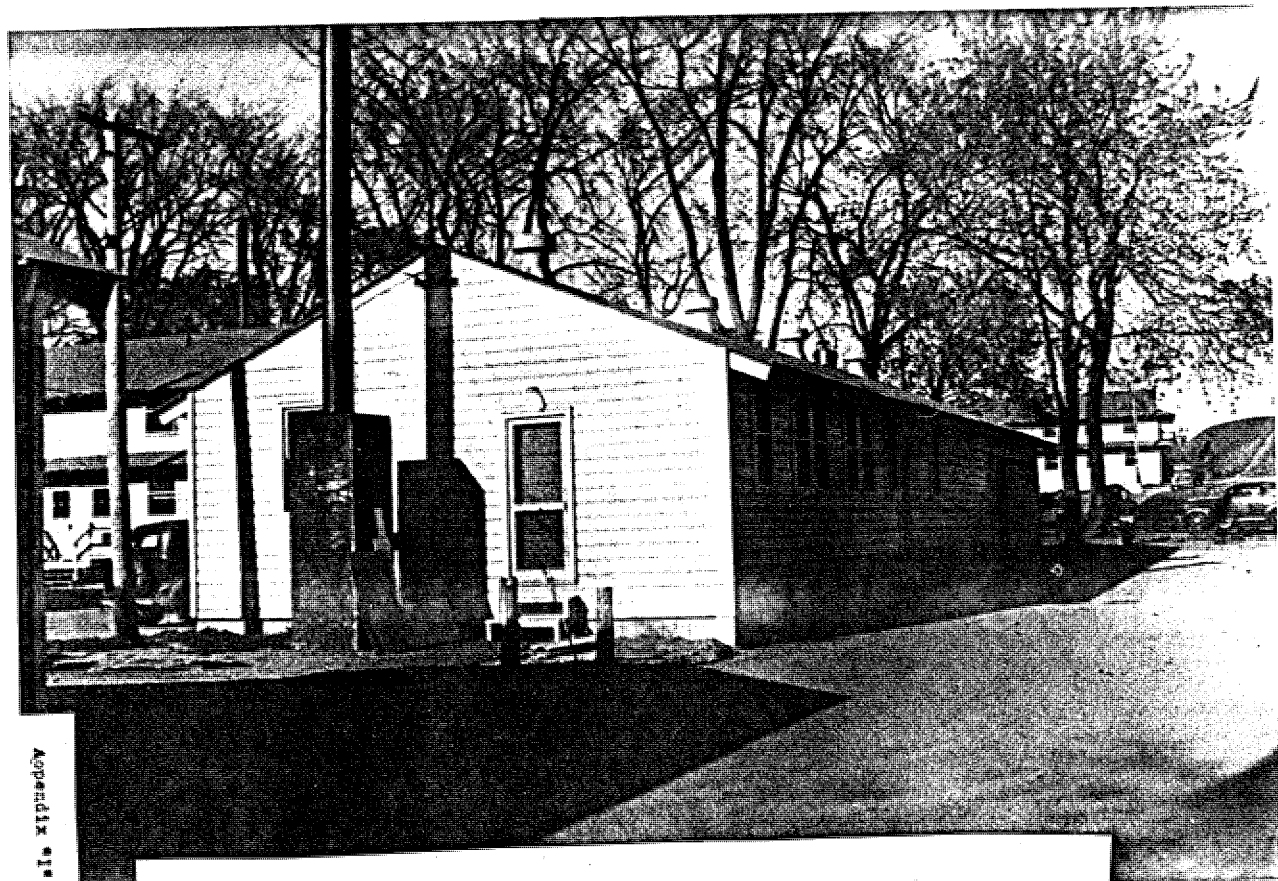
Barracks, 1941, Fort Williams, Cape Elizabeth, Me.



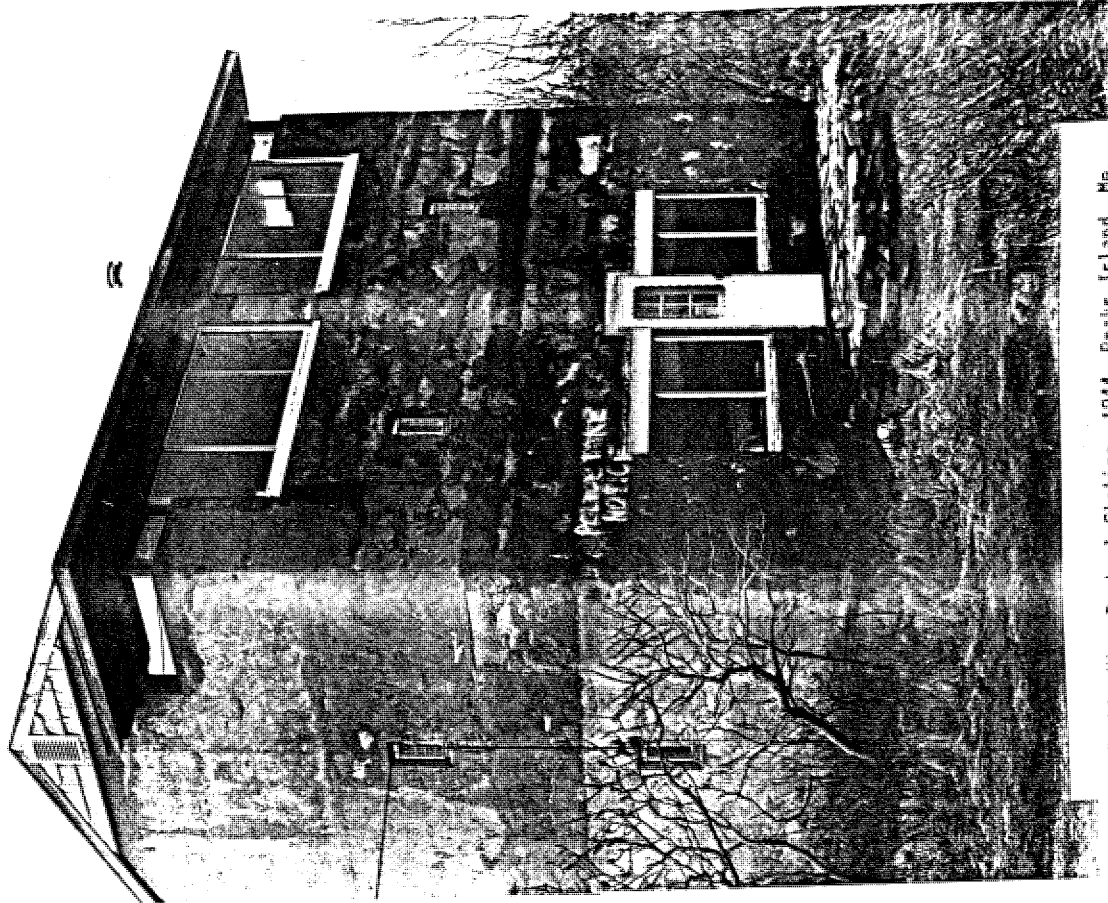
Battery Cravens, 1944, Peaks Island, Me.



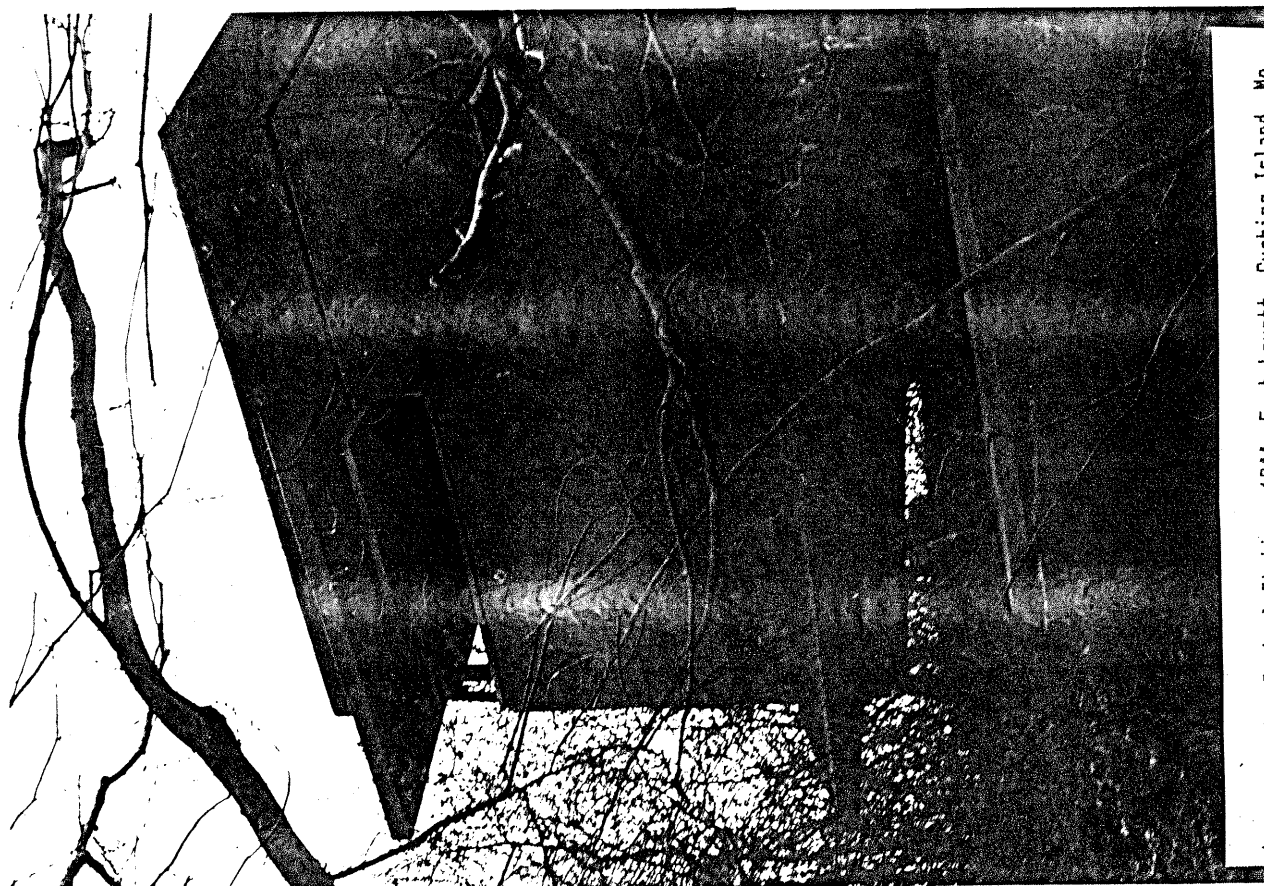
Battery 201, 1944, Cape Elizabeth, Me.



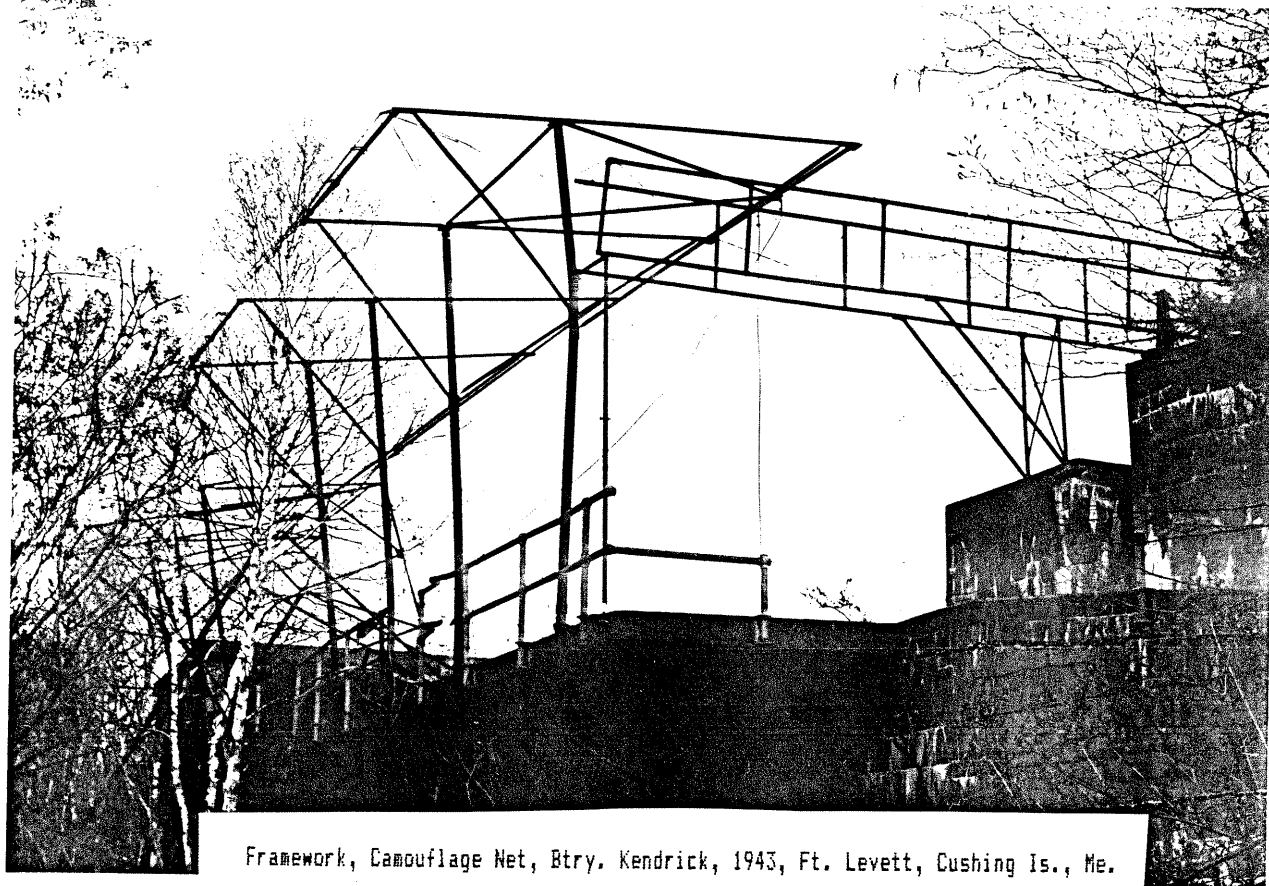
Company Administration and Storehouse, 1941, Fort Williams, Cape Elizabeth, Me.



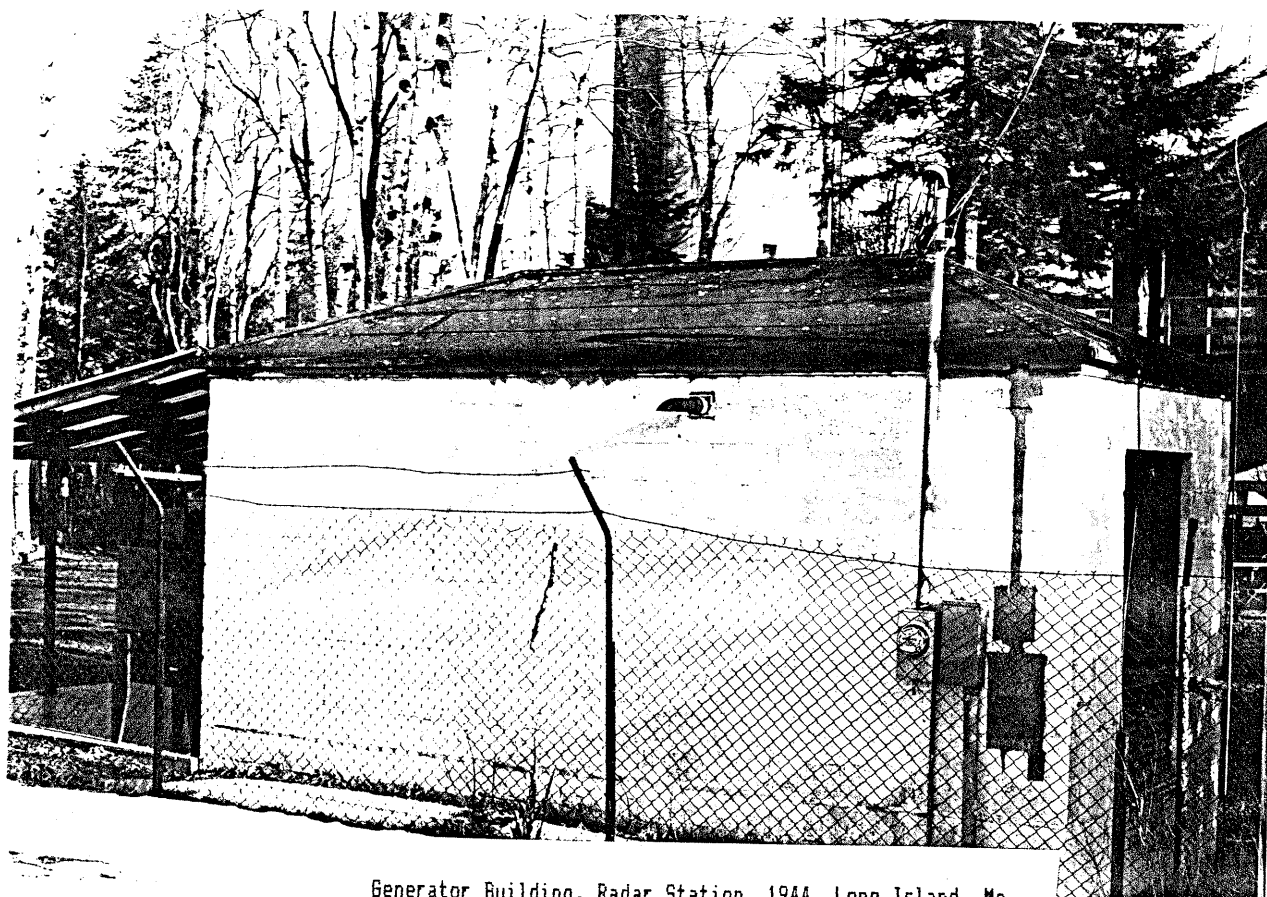
Double Mine Control Station, 1944, Peaks Island, Me.



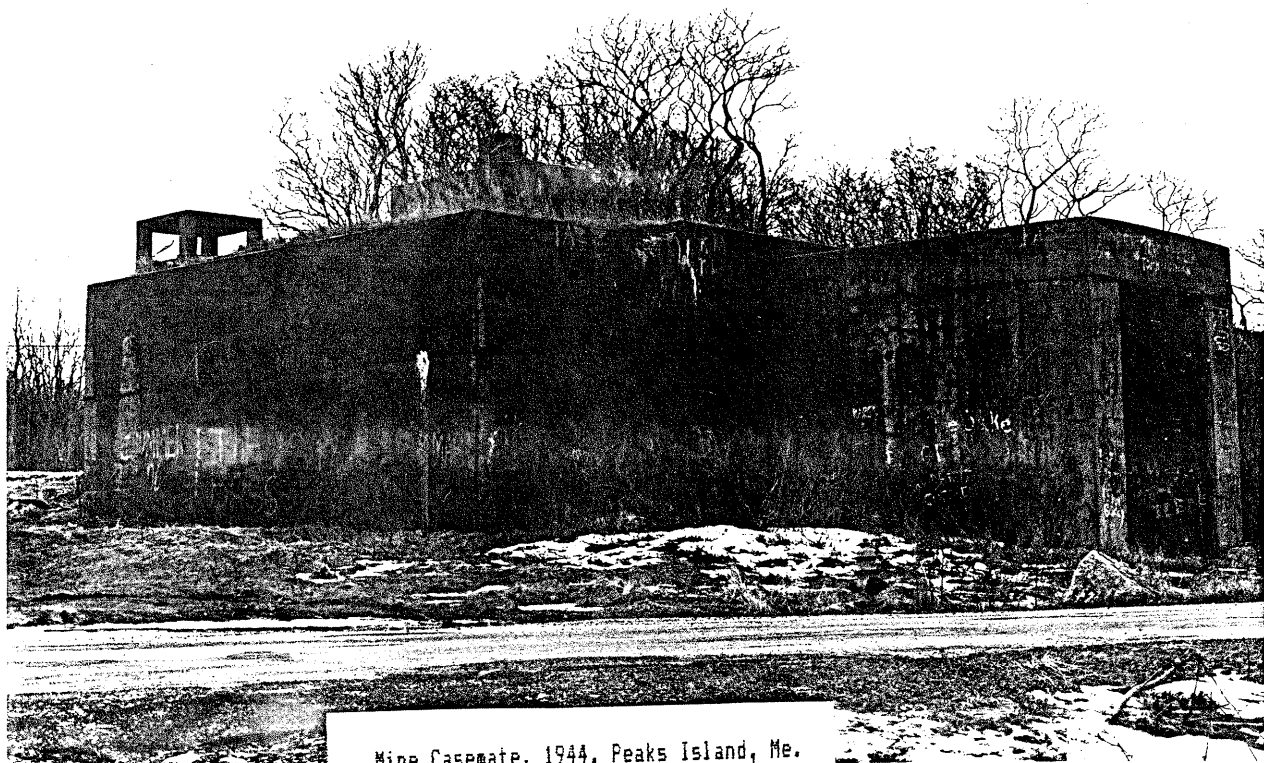
Double Mine Control Station, 1944, Fort Levett, Cushing Island, Me.



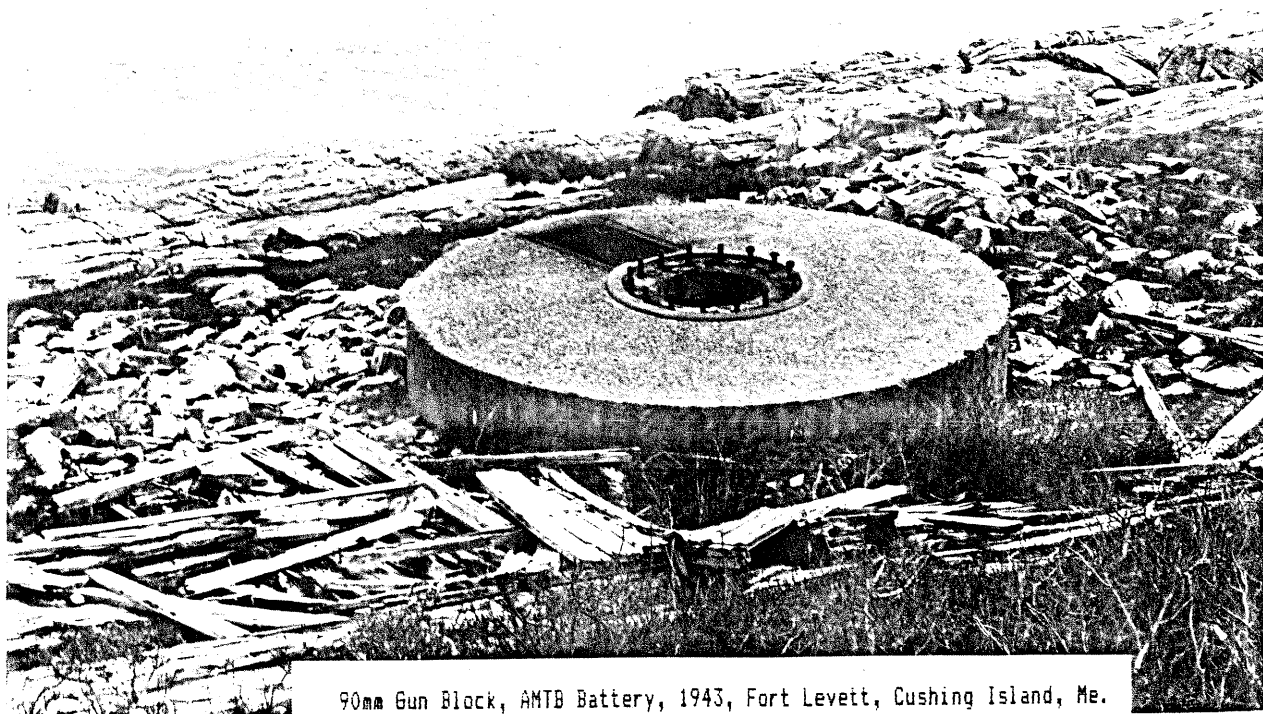
Framework, Camouflage Net, Btry. Kendrick, 1943, Ft. Levett, Cushing Is., Me.



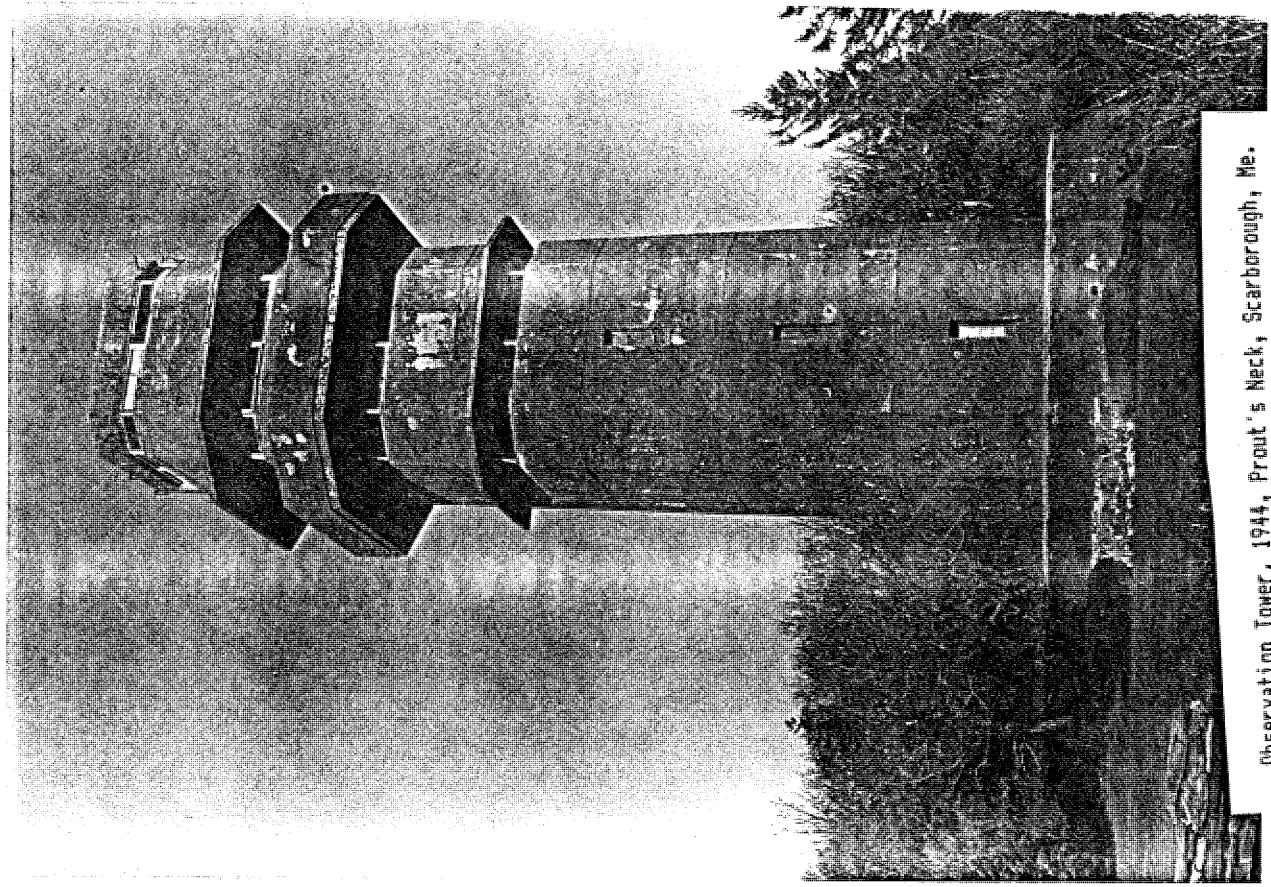
Generator Building, Radar Station, 1944, Long Island, Me.



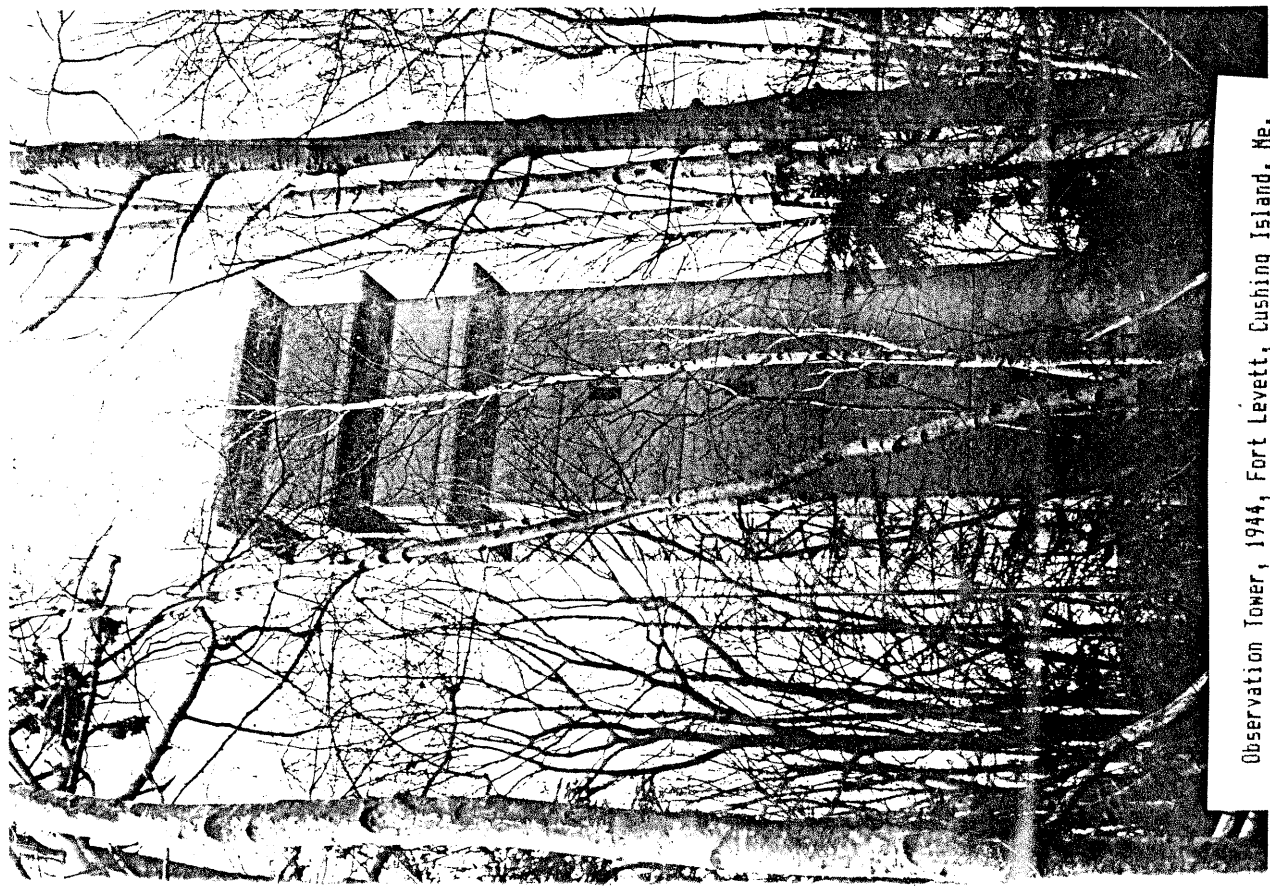
Mine Casemate, 1944, Peaks Island, Me.



90mm Gun Block, AMTB Battery, 1943, Fort Levett, Cushing Island, Me.

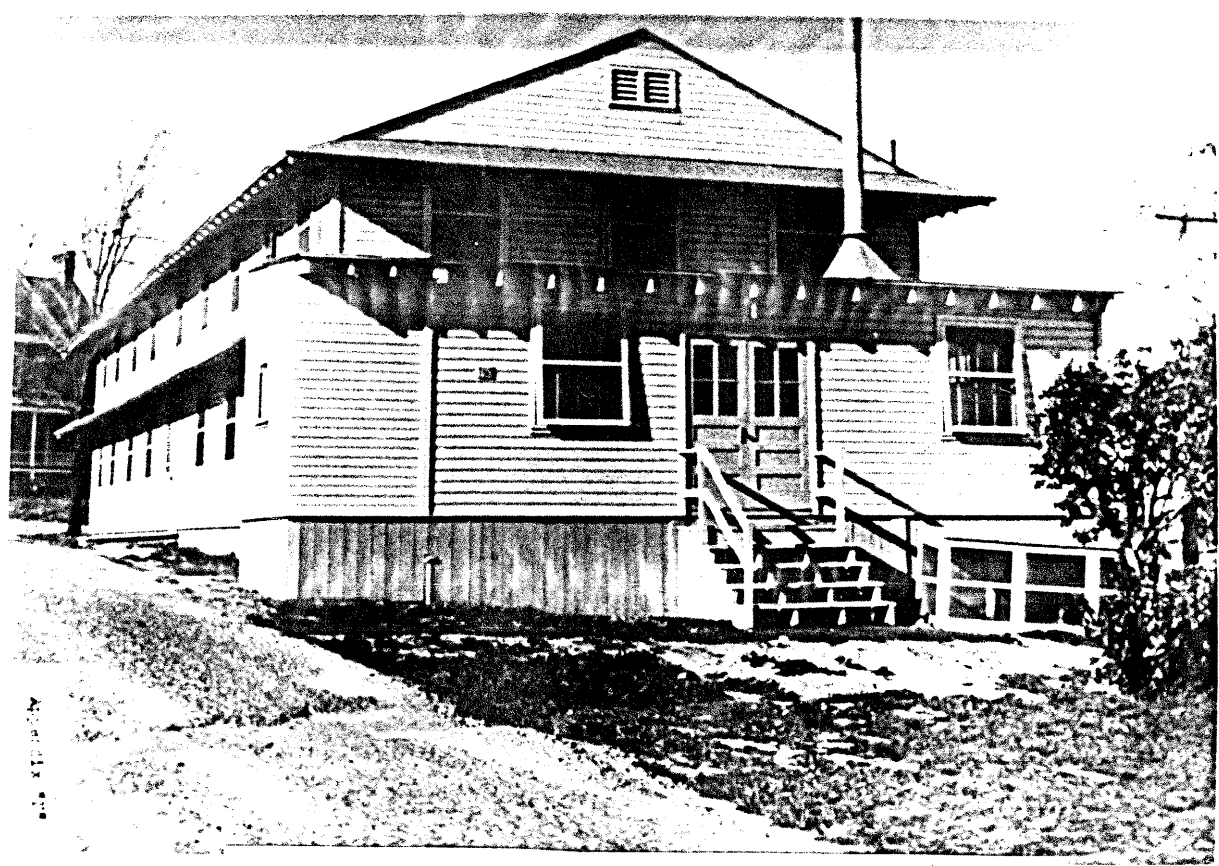
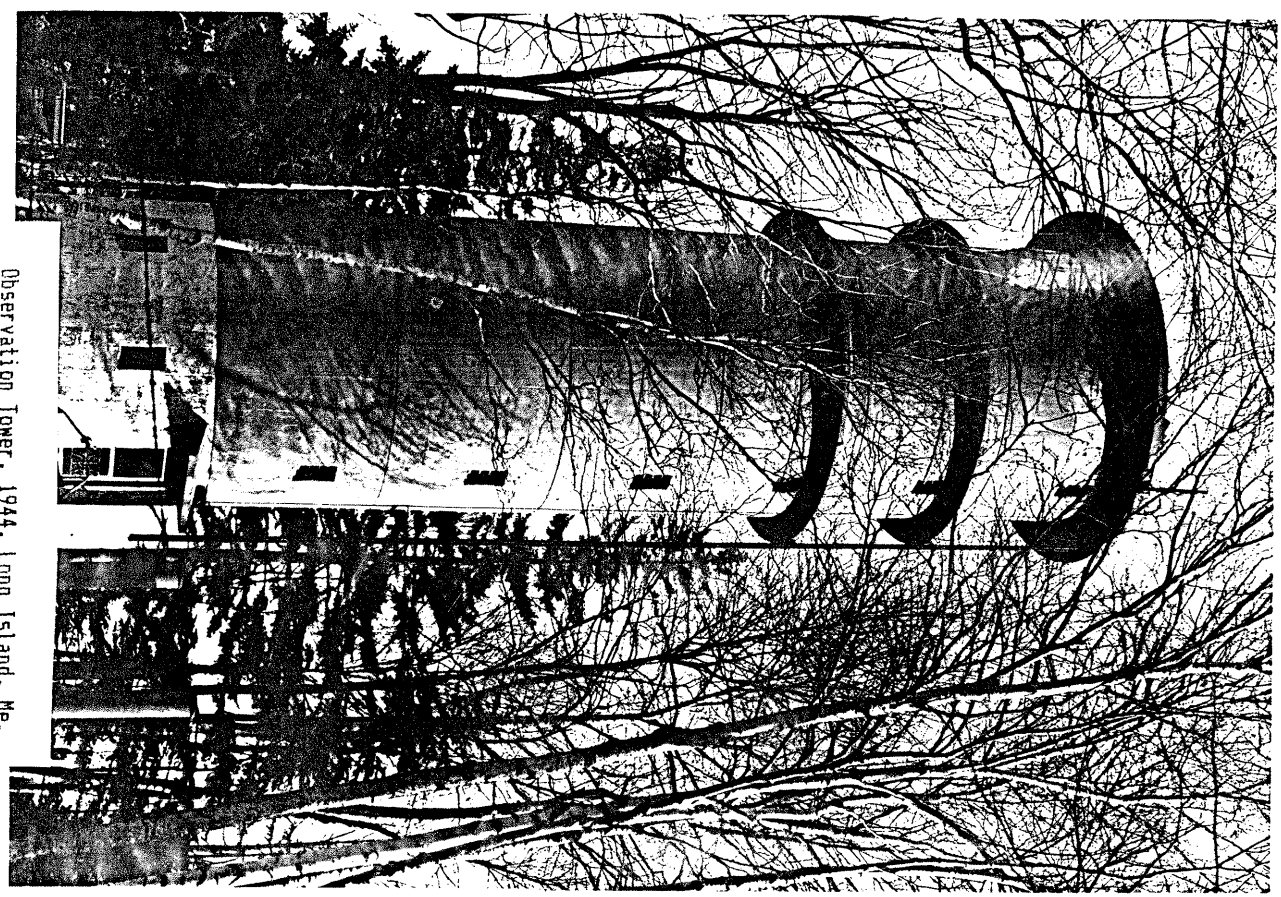


Observation Tower, 1944, Prout's Neck, Scarborough, Me.

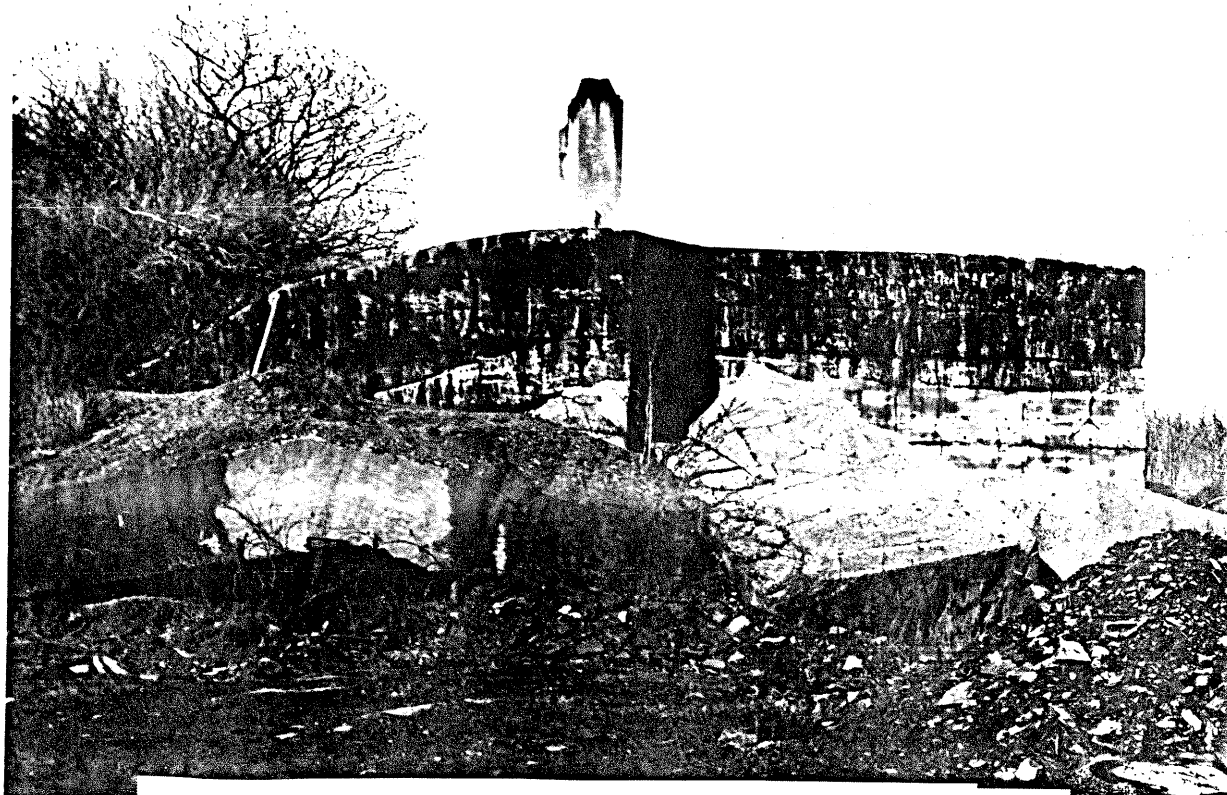


Observation Tower, 1944, Fort Levett, Cushing Island, Me.

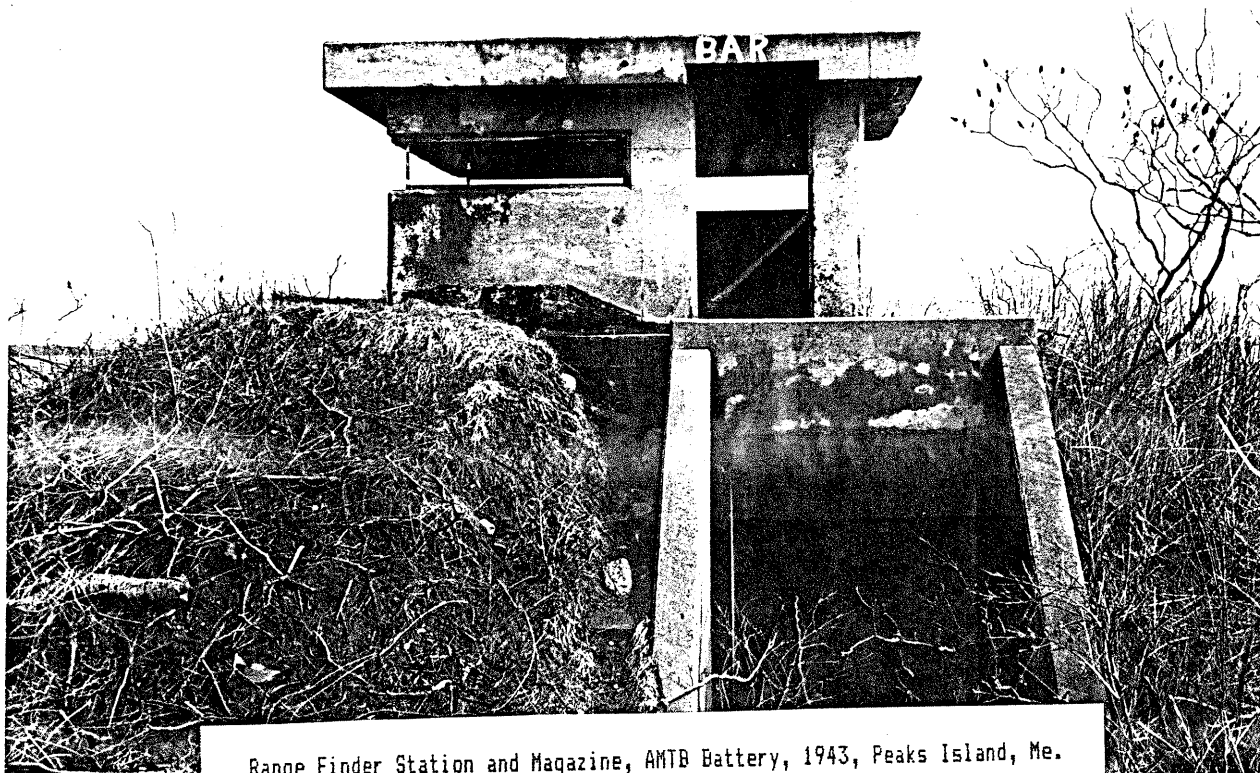
Observation Tower, 1944, Long Island, Me.



Officers Quarters and Mess, 1941, Fort Williams, Cape Elizabeth, Me.



Plotting, Switchboard and Radio Room, Battery Steel, 1944, Peaks Island, Me.



Range Finder Station and Magazine, AMTB Battery, 1943, Peaks Island, Me.

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