

105758

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(BATTERIES)

HARBOR DEFENSES OF THE DELAWARE
FORT MILES
BATTERY HUNTER. 222 NO. OF GUNS 2
CALIBER 6 INCHES. CARRIAGE BARNETTE
M-1

PART I CORRECTED TO 1 MAY 1944

GENERAL

GENERAL

Battery commenced .. 15 APRIL 1942 ..
ttery completed .. 29 OCTOBER 1943 ..
Date of transfer .. 13 DECEMBER 1943 ..
Cost to date of transfer .. \$150,200 ..
Materials of construction .. REINFORCED CONCRETE ..
Battery new or modernized .. NEW ..
Trunnion elevation in btry. .. 21.0 ..
Datum plane .. DELAWARE RIVER DATUM ..

UTILITIES:

WATER SUPPLY:

WATER SUPPLY: **CITY OF LEWES, DELAWARE**
Source of
Alternate source **NONE**
Size of Main **4 INCHES**

SEWER

Connected to sewer **YES**
Type of disposal **IMHOFF TANK, CHLORINATED EFFLUENT.**
Type of Latrine **AS PER TYPE PLAN.**

UTILITIES (Cont'd.)

ELECTRIC POWER

BATTERY POWER ROOM

Sources of
Procured & installed by **ORDNANCE**
Characteristics: Voltage **480 AC or DC** Phase **3**
No. of units and capacity **3 UNITS AT 125 KVA EACH**
Max. K.W. required for utilities **200 KW**
Max. K.W. required for non-battle conditions **37.5 KVA**
Commercial power provided **YES** Capacity **45.0**
Auxiliary power unit provided **NO** Capacity
Type of lighting fixtures **WATERPROOF**
Dehumidifying Unit Make and capacity **YORK AIR**
Rooms wet or Dry **DRY**
How ventilated **NATURAL DRAFT THROUGH VENT STACKS**
How heated **PLOTTING, SPOTTING ROOMS, LATRINE, HEATED BY**
DATA TRANSMISSION: ELECTRIC UNITS IN AIR COND'G UNIT,
Type **TELETYPE**

REMARKS: THIS FORM INCLUDES B. C. STATION ERECTED ON ROOF
OF BATTERY.

ARMAMENT

[illegible]

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATION
(Electric Plants)

105758

HARBOR DEFENSES OF THE DELAWARE

FORT MILES

POWER FOR BATTERY HUNTER (222)

PROCURED AND INSTALLED BY ORDNANCE

Part V

Corrected to 1 MAY 1944

	Serial No.	Type	Size	Mfr.	Date of Transfer	Cost	Condition	RPM	Type of Drive	Radiator for Engine No.	Fuel	Switchboard	
												Material	No. of Panels
Engine No. 1	VO-1944	(5 CIL.)	150 HP	WORTHINGTON			NEW	600	DIRECT		OIL		
No. 2	VO-1945	(DIESEL)	"	"			"	"	"		"		
No. 3	VO-1946	(ENGINE)	"	"			"	"	"		"		
No. 4													
Generator													
No. 1	91818P867	A.C.	125 KVA	WESTINGHOUSE			"	"	"				
No. 2	85818P867	"	"	"			"	"	"				
No. 3	93818P867	"	"	"			"	"	"				
No. 4													
Water Cooler													
No. 1	1055962	(EVAPO.)		WORTHINGTON			"						
No. 2	1055966	(RATIVE)		"			"						
No. 3	1055967	(COOLER)		"			"						
No. 4													
Generator (EXCITORS)													
No. 1	91-18P-874	(D.C.)	5 KW	WESTINGHOUSE			"	2000	V-BELT				
No. 2	85-18P-874	(MARINE)	"	"			"	"	"				
No. 3	93-18P-874	(GEN.)	"	"			"	"	"				
Switchboard													
Storage Battery													
Transformer													
No. 1	3290311	JR	10 KVA	WESTINGHOUSE			"						
No. 2	3286465	(MT STYLE)	"	"			"						
No. 3	3308030	(1091338)	"	"			"						
Auxiliaries													
FOR STARTING AIR													
No. 1	67084	A.C.	5 HP	WORTHINGTON			"	870	DIRECT		WESTINGHOUSE. ELEC. MTR		
No. 2	67077	"	"	" AIR COOLED			"	1750			GASOLINE		
No. 3													

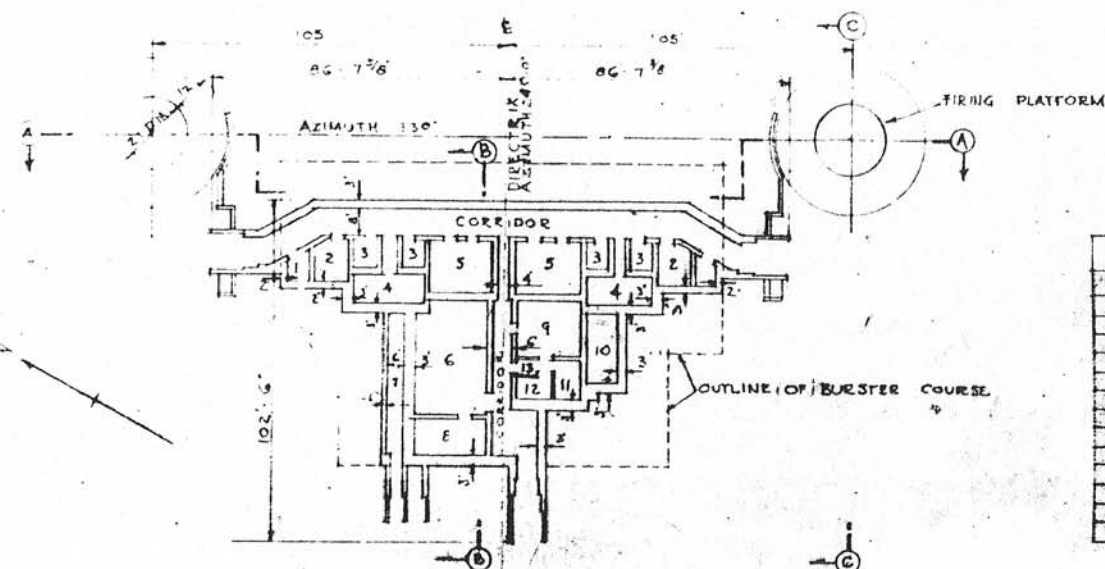
STEEL SEVEN

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Battery Plan)

HARBOR DEFENSES OF THE DELA.
FORT MILES
BATTERY NO. 222
No. of Guns - 2 Caliber - 6" Carriage - Barbette

Part VII

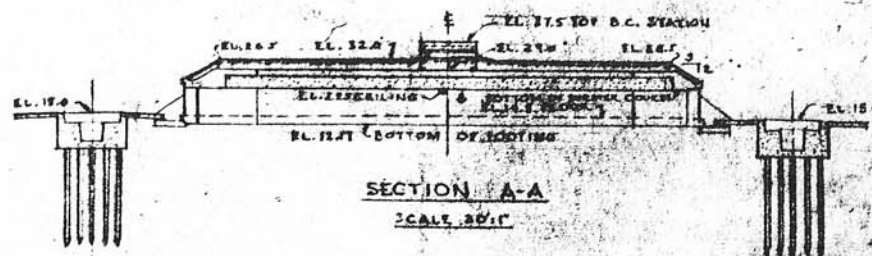
Corrected to 1 May 1944



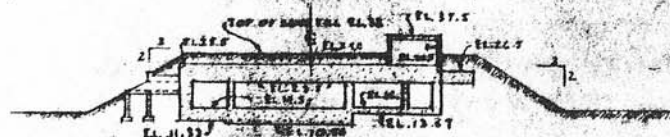
PLAN OF BATTERY 222
SCALE: 30' = 1"

ROOMS		
NO.	NAME	SIZE (LONGEST DIMENSIONS)
1	STORE ROOM	6' x 9'
2	AIR COMPRESSOR & MOTOR GENERATOR ROOM	10' x 12'-6"
3	SHELL ROOM	7' x 8'
4	SHELL ROOM	9' x 21'
5	POWDER ROOM	15'-6" x 20'
6	POWDER ROOM	22' x 34'
7	MOFFLE GALLERY	6' x 42'-6"
8	WATER COOLER ROOM	11' x 14'
9	PLOTTING ROOM	16' x 19'
10	SWITCHBOARD, SPOTTING OR RADIO ROOM	10' x 20'-6"
11	LATRINE	8' x 11'-6"
12	C.W.S. ROOM	7'-6" x 10'-6"
13	AIR LOCK	3'-6" x 6'-8"

NOTE:
ELEVATIONS REFER TO DELAWARE RIVER DATUM WHICH IS 2.4 FEET BELOW
MEAN SEA LEVEL.

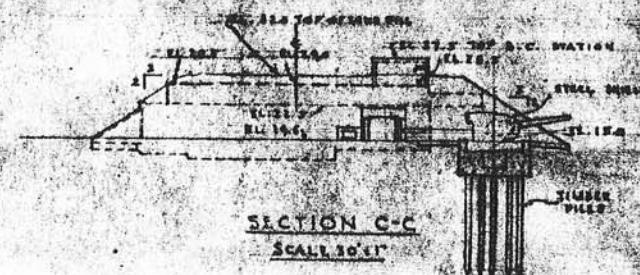


SECTION A-A
SCALE 30' = 1"



SECTION B-B

30 0 30 60



SECTION C-C
SCALE 30' = 1"