

*Superseded - 660 B (S.H. Hancock) 45  
3rd ind. Nov. 17, 1927.*

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

COAST DEFENSES OF Sandy Hook  
FORT Hancock, N.J.  
BATTERY Peck  
No. of guns 2 Caliber 6" Carriage Barbette

Form 1 Corrected to July 1, 1921

Battery commenced	1901	Sources of electric current	P.P. Bloomfield #1, 25 KW. and Alexander
Battery Completed	1903		25 KW. sets
Date of transfer	Nov. 10, 1903	Max. kw. required for lights	2-1/4 K.W.
Material of construction	Concrete	Max. kw. required for motors	-
Portland or Rosendale cement	Portland		
Cost to date of transfer	\$33,940.25	Present condition battery	Good
Connected to water supply	Yes	Rooms wet or dry	Dry
Connected to sewer	-		
Type of latrine	-	How ventilated	Through doorways
Type of data transmission	Telephone	Remarks:-	
	(Emp. #1; 28,399		
	" #2; 28,429		
Trunnion elevation in battery	M.L.W.		
Datum plane			

ARMAMENT

Emplacement or mortar No.	Guns or Mortars						Carriages				
	Cal.	Length	Model	Serial No.	Manufacturer	Mounted	Type	Model	Serial No.	Manufacturer	Motor
1	6"		1900	#27	Watervliet Arsenal	Yes 1906	Barbette	1900	#12	Rock Island	NO
2	6"		1900	#28	do.	do.	do.	1900	17	Watervliet Arsenal	NO
3							(Pedestal)				
4											
5											
6											
7											
8											

HOISTS

Emplacement Number	Type	Delivery	Motor						Date of transfer	Remodeled for long points
			Serial No.	Maker	H.P.	Volts	RPM	Type of control		
1										
2										
3										

SUPERSEDED: See Form 1, corrected to Nov. 17, 1927

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.

(Gun and Mortar Batteries)

Harbor ~~Coast~~ DEFENSES OF Sandy Hook

FORT Hancock, N. J.

\* BATTERY Peck

Form 1 Corrected to November 17, 1927.

No. of guns 2 Caliber 6" Carriage Barbette Ped.

Battery commenced	: 1901	: Sources of electric current	: P.P. Bloomfield #1 - 25 K.W. and Alexander 25 K.W. sets.
Battery completed	: 1903		
Date of transfer	: Nov. 10, 1903.	Max. kw. required for lights	: 2-1/4 K.W.
Material of construction	: Concrete	Max. kw. required for motors	: -
Portland or Rosendale cement	: Portland		
Cost to date of transfer	: \$33,940.25		
Connected to water supply	: Yes	Present condition battery	: Good
Connected to sewer	: -	Rooms wet or dry	: Dry
Type of latrine	: -		
Type of data transmission	: Telephone	How ventilated	: Through doorways
Trunnion elevation in battery	: Empl. #1; 28.399; #2; 28.429	Remarks:-	
Datum plane	: M.L.W.		

ARMAMENT

Emplacement : or mortar No:	Guns or Mortars						Carriages			
Mounted :	Cal :	Length :	Model :	Serial No:	Mfr :	Type :	Model :	Serial No.:	Mfr. :	Motor
1 Yes 1906	6"		1900	#27	Watervliet Arsenal	Barbette	1900	#12	Rock Island	No
2 do.	6"		1900	#28	do.	(Pedestal)	1900	17	Watervliet Arsenal	No
3										
4										
5										
6			NOTE: Emplacements modified to permit of							
7			20° elevation.							
8										

HOISTS

Emplacement: Number	Type	Delivery	Serial No.	Maker	H.P.	Volts	RPM	Type of control:	Date of transfer:	Remodeled for long points.
1										
2										
3										

NOTE: See reverse side for statement of cost of major modifications.

*Superseded!*  
*See Form 1 corrected to 11/10/43*

*Armament to be relocated to Emplacement of Battery Gunnison - 662 (New York) CM 30362 A - 2/18/43 \* 60mm guns at this emplacement.*

*DC authorized extension of platform 112 P (Duct Sound) at 11/22/41*



Statement of nature and cost of all major repairs or modifications  
on the structure since 1920.

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1920 -  
Plotting Room in Battery Engle (for Battery Peck).....  
(modifications to existing magazine) ..... \$ 520.55

1920 -  
C.R.F. Station - for Battery Peck -  
(constructed over old gun well - Battery Engle)  
concrete - enclosed type - ..... 1314.04

1920 -  
B.C. Station - Battery Peck -  
Constructing concrete B.C. Station (at site of open station) 444.87

Nov. 1925 -  
Rewiring - (cabling and lighting fixtures) ..... 590.94

Aug. 1928 -  
Modification of Emplacements (cutting out) to permit of  
200 elevation ..... 807.57

662 B(S.H. Hancock)45  
3rd ind. Nov. 17, 1927

## Volume of Magazine

Total volume.

$$125 \times 66 \times 8.5 = 70,200 \text{ cu. ft.}$$

Volume 3' walls

$$4 \times 48 \times 3 \times 8.5 = 4,900 \text{ cu. ft.}$$

$$2 \times 24 \times 3 \times 8.5 = 1,220 \text{ cu. ft.}$$

Volume 1' walls

$$6 \times 48 \times 1 \times 8.5 = 2,450 \text{ cu. ft.}$$

$$2 \times 29.5 \times 1 \times 8.5 = 500 \text{ cu. ft.}$$

$$2 \times 30 \times 1 \times 8.5 = 510 \text{ cu. ft.}$$

Volume of rad. walls

$$36.5 \times 3 \times 8.5 = 930 \text{ cu. ft.}$$

$$2 \times 12.5 \times 2 \times 8.5 = 425 \text{ cu. ft.}$$

Total wall volume 10,935 cu. ft.

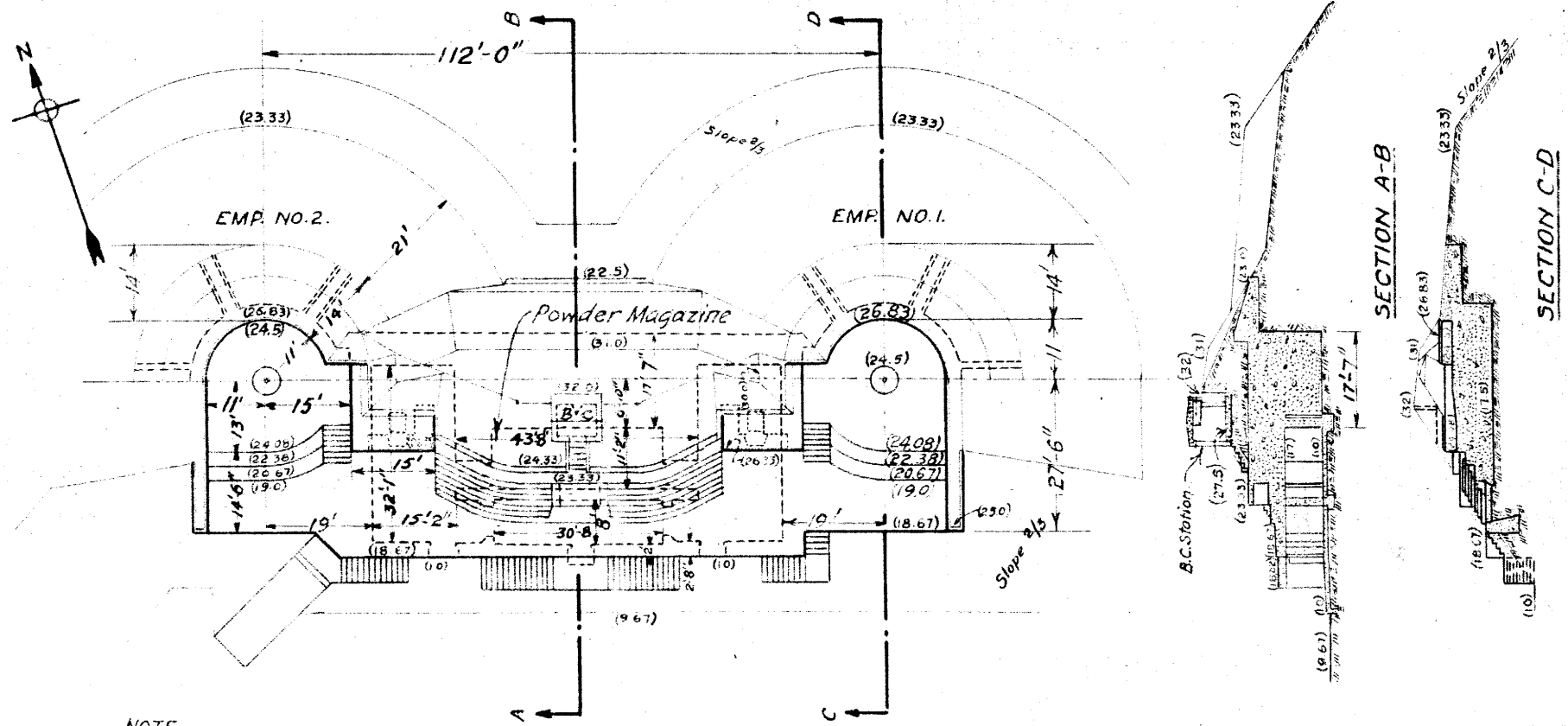
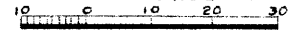
$$\text{Total empty space } 70,200 - 10,935 = \boxed{59,265 \text{ cu. ft.}}$$



Nov 17,

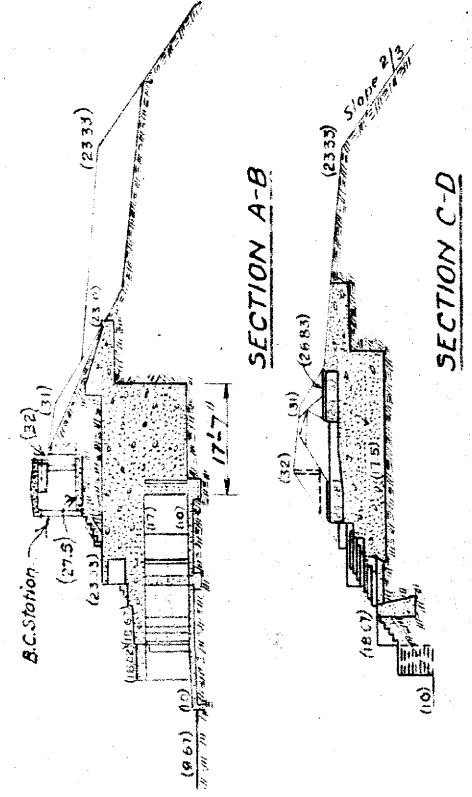
Corrected to April 20-1927.

Scale: 1"=30'



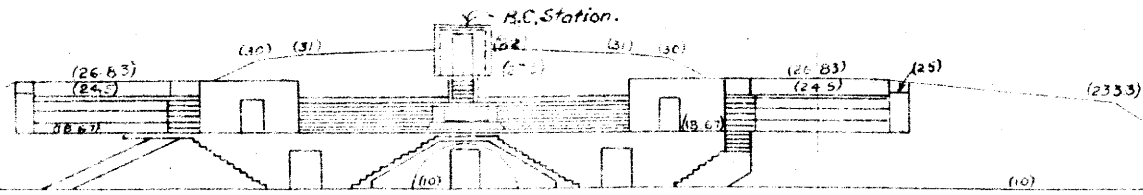
NOTE.  
C.R.F. Sta. for Battery Peck is located  
at Empl. of Battery Angle (See Form I, Battery Angle)

PLAN.



Revisions.

4/20/27 B.C. Station Modified.



REAR ELEVATION.





# COAST DEFENCES OF Sandy Hook

FORT Hancock

BATTERY Peck

NO OF GUNS: 2 CALIBER: 6"

	EMPLACEMENT NUMBER 1.		EMPLACEMENT NUMBER 2.		EMPLACEMENT NUMBER 3.		EMPLACEMENT NUMBER 4.	
	FROM	TO	FROM	TO	FROM	TO	FROM	TO
1-a. Azimuth	117° - 40'		108° - 30'					
b. Distance	220'		112' -					
2-a. Model of Gun	1900 #27		1900 #28					
b. " " Carriage	1900 #12		1900 #17					
c. Type of " "	Ped.		Ped.					
3 Elevations of	--		--					
a. Gun trunnions (in battery)	28.42		28.47					
b. Interior crest	26.71		26.73					
c. Loading platform	24.5		24.5					
4- Angle of depression	5°		5°					
5- Limiting azimuths of field of fire as determined by:	FROM	TO	FROM	TO	FROM	TO	FROM	TO
	0	0	0	0	0	0	0	0
a. Construction of emplacement	0	360	0	360				
b. Interference by adjacent emplacements	118.18	275.58	106.12	270.38				
	118.18	234.38	89.45	99.10				
c. Interference of other obstacles external to emplacement	237.41	275.58	253.47	270.38				
	No Stops.	-	No Stops.	-				
d. Position of Ordnance stops	-	-	-	-				

## NOTES.

1. Azimuth and distance of emplacement No.2 are given with reference to No.1; of No.3, with reference to No.2, etc. Azimuth and distance of No.1, are given with reference to #2 Alexander Gun Center

3. Above plane of M.L.W.

No.1 Gun - Dead Angle Hook Beacon-234.38 to 237.41 AZ..

5-c. Nature of obstacles No.2 Gun - Dead Angle Hook Beacon, 251.38 to 253.47 AZ..

No.1 Gun - Dead Angle Proving Ground & Hancock 275.58 to 118.18 AZ.

No.2 Gun - " " " " " " 270.38 to 89.45 AZ.

No. 2 Gun- " " Beacon keeper's House 99.10 to 107.42 AZ.

2-c Use one of following abbreviations or designations: Dis.; Nondis.; Alt.

gun-lift, Tunnel, Casemate, Ped., B.P.

600,914 (New York) 69866  
 REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS  
 (Batteries)

HARBOR DEFENSES OF NEW YORK  
 FORT HANCOCK, NEW JERSEY  
 BATTERY PECK No. of Guns 4  
 Caliber 90 MM Carriage

SPEKM-1

Part I Corrected to 10 November 1943

GENERAL:  
 Battery commenced 1901  
 Battery completed 1903  
 Date of transfer 10 November 1903  
 Cost to date of transfer \$33,940.25  
 Materials of construction Concrete  
 Battery new or modernized Modernized  
 (If modernized give detailed statement on reverse side)  
 Trunnion elevation in btry. El. 28.75  
 Datum plane Mean Sea Level

UTILITIES:  
WATER SUPPLY  
 Source of Reservation System  
 Alternate source  
 Size of Main 2"  
SEWER  
 Connected to sewer No  
 Type of Disposal Dry wall under each floor  
 Type of Latrine None

UTILITIES (Cont'd,)  
ELECTRIC POWER  
 Sources of 2 - 25KVA Ord. Dept. M7 Engine Gen.  
 Procured & installed by (OCE or ORD) ORD  
 Characteristics: Voltage 125 Ac ~~or DC~~ Phase 3φ  
 No. of units and capacity 2 - 25 KVA  
 Max. K.W. required for utilities --  
 Max. K.W. required for non-battle conditions --  
 Commercial power provided (yes or no) Yes Capacity 5KW  
 Auxiliary power unit provided (yes or no) No Capacity  
 Type of lighting fixtures U.S.E.D. Standard  
 Dehumidifying Unit..Make and capacity  
 Rooms Wet or Dry Dry  
 How ventilated Thru Doorways  
 How heated  
DATA TRANSMISSION  
 Type Telephone

REMARKS  
 See Attached Sheet

ARMAMENT

SECRET

Emplacement No.	Cal.	Length	Model	Guns		Date Mounted	Type	Model	Carriages		Motor
				Serial No.	Manufacturer				Serial No.	Manufacturer	
1	90 MM	50 Cal.	M1	6887	Chevr. Motors	1943	Fixed	T3	72	Fisher Body	Remote Control
2	90 MM	50 Cal.	M1	3096	Watervliet Arsenal	1942	Mobile	M1A1	980	Allis Chalmers	Yes
3	90 MM	50 Cal.	M1	5200	Chevr. Motors	1943	Fixed	T3	137	Fisher Body	Remote Control
4	90 MM	50 Cal.	M1	3210	Watervliet Arsenal	1942	Mobile	M1A1	1869	Worthington Pump	Yes

2.0.6



NATURE & COST OF ADDITIONAL MODIFICATIONS SINCE 1920

1920

Plotting Room in Battery Engle (for Battery Peck)  
Modification to existing magazine.....\$ 520.55

1920 .

CRF Station - For Battery Peck - constructed over  
old gun well - Battery Engle - Concrete enclosed type..... 1,314.04

1920

BC Station - Battery Peck  
Construction of concrete B.C. Station at  
side of open station..... 444.87

Nov. 1925

Rewiring (cabling and lighting fixtures)..... 590.94

Aug. 1928

Modification of emplacements (cutting out)  
to permit of 20° elevation..... 807.57

1942

Platform Modifications - extension of 2 gun platforms..... 884.85

1943

New 90 MM Gun Battery No. 7 - 6" Guns removed, gun plat-  
forms raised & revised for 90 MM emplacements..... 5,875.96

SECRET

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.  
(Fire control and torpedo structures)

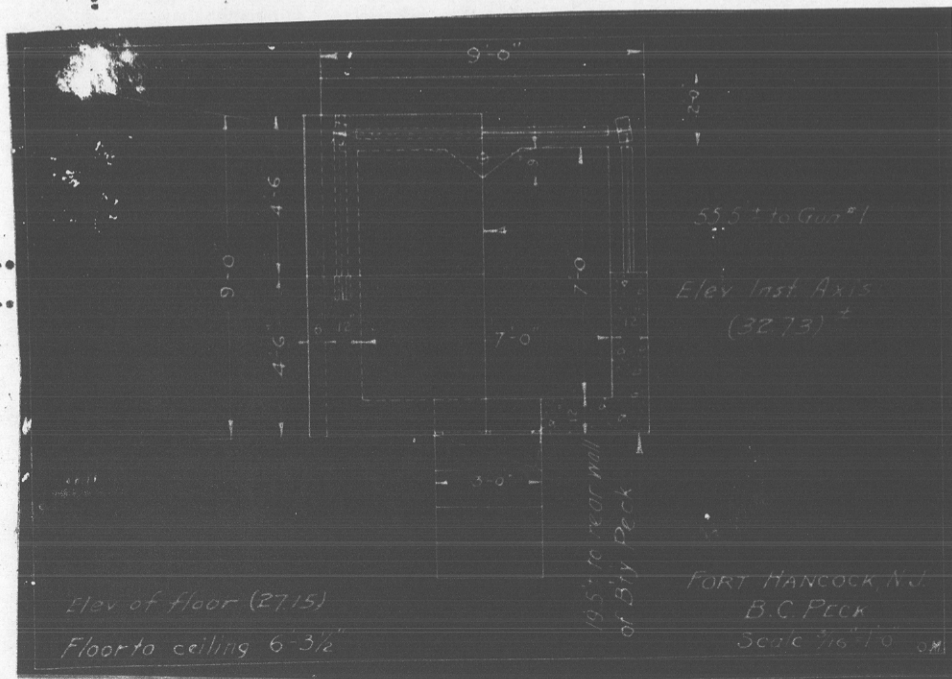
COAST DEFENSES OF Sandy Hook  
FORT Hancock, N.J.

Form 2 Corrected to July 1, 1921.

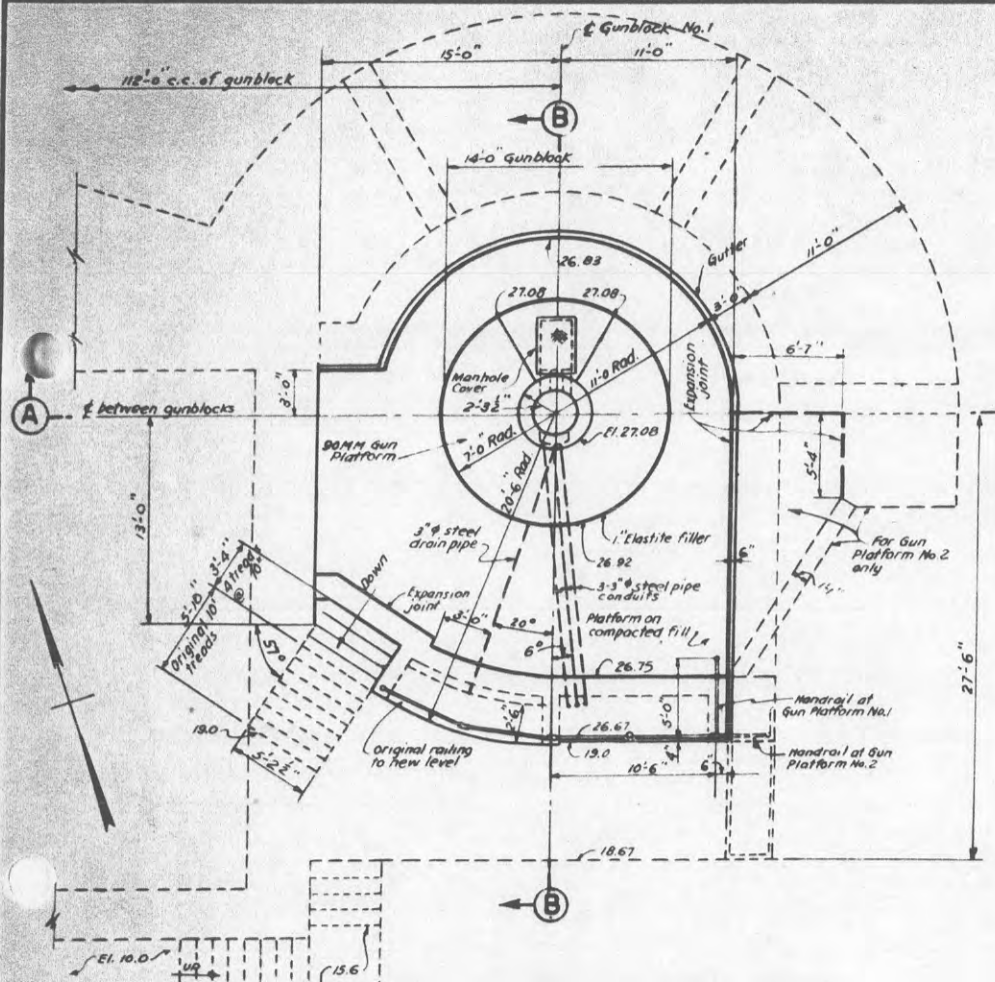
STRUCTURE B.C. Peck

*Superseded*

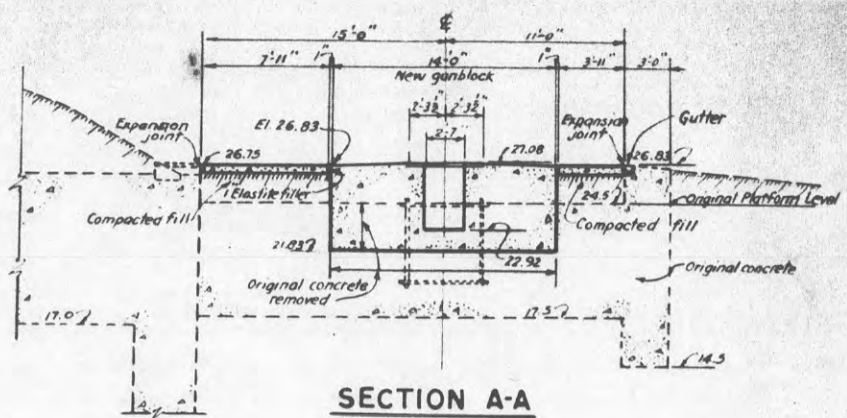
Location	: on center traverse of	: Type of data transmission	: --
	: Battery Peck.	:	:
	:	:	:
Date of transfer	: June 27, 1921.	: Date of transfer	: --
Cost to date	: \$444.87	: Cost of data transmission	: --
Type of construction	: concrete	: equipment.	:
(a) Roof	: do.	: For tide stations give	: --
(b) Remainder of building	: do.	: description of tide	:
How concealed	: None	: gauge.	:
	:	: For datum points give Forts.	: --
How protected	: do.	: from which visable	:
	:	: For dormitories give sta-	: --
Height above concealment	: --	: tions served	:
	:	: For cable hut give S.C. type:	: --
Height above protection	: --	:	:
Conspicuous at 5000 $\frac{1}{2}$ yards	: Yes	:	:
Source of electric current	: Central Power Plant	:	:
Kilowatts required	: .2 KW.	:	:
Type of lighting fixtures	: Wall lamp	:	:
How heated	: None	:	:
Connected to water mains	: No	:	:
Connected to sewer	: No	:	:
Type of latrine	: None	:	:
Permanent or temporary installation	: Permanent	:	:
Present condition	: Excellent	:	:
	:	:	:
Reference of site	: 23.15 $\frac{1}{2}$ ft. above m.l.	:	:
Reference of instrumental axis	: 32.7 $\frac{1}{2}$ ft. above m.l.	:	:
Type of observing instrument	: Swazey D.P.F. (?)	:	:
Type of plotting board	:	:	:
	:	:	:
Type and capacity of crane	: --	:	:
Max. dimensions of reel handled	: --	:	:
	:	:	:
	:	:	:
	:	:	:
	:	:	:
	:	:	:
	:	:	:



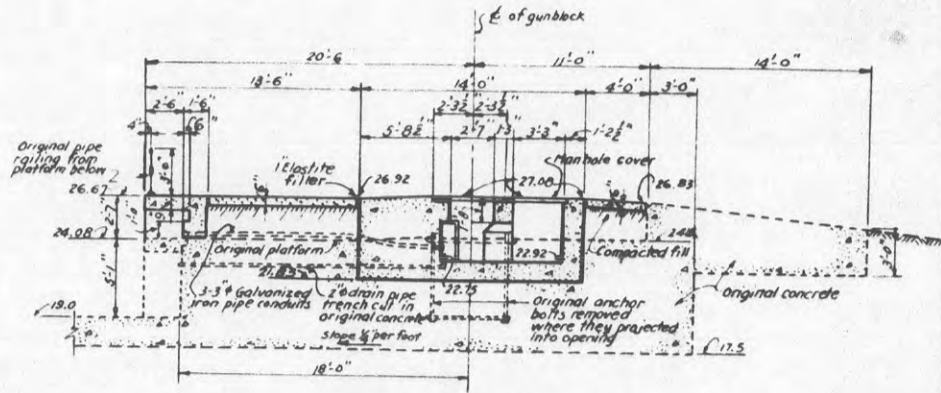




**PLAN FIRING PLATFORM NO.1**  
 PLATFORM NO.2 SAME & OPPOSITE HAND EXCEPT AS SHOWN



**SECTION A-A**



**SECTION B-B**

**NOTE**  
 Elevations refer to Mean Sea Level Datum

HARBOR DEFENSES OF NEW YORK  
 NEW 90 MM - BATTERY NO.8  
 (OLD BATTERY PECK)  
 FORT HANCOCK NEW JERSEY

SECRET

