

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

COAST DEFENSES OF. SAN FRANCISCO, CAL.  
FORT. BARRY,  
BATTERY. PATRICK O'RORKE,  
No. of guns FOUR Caliber 3-INCH Carriage BARB. LT

Form 1 Corrected to MARCH 1, 1920

Battery commenced	1903.	Source of electric current	Battery Guthrie electric plant: two 25-k.w. gas. motor sets.
Battery completed	1904.		
Date of transfer	June 8, 1905.	Max. kv. required for lights	2.5 k.w.
Material of construction	Concrete.	Max. kw. required for motors	No motors.
Portland or Rosendale cement	Portland.		
Cost to date of transfer	\$24,462.76.	Present condition of battery	Good.
Connected to water supply	Yes.	Rooms wet or dry	Dry.
Connected to sewer	Yes.		
Type of latrine	Syphon.	How ventilated	Natural draft. 6" flues from magazines terminating at rear wall.
Type of data transmission	Telephone.		
Trunnion elevation in battery	198.9	Remarks-	
Datum plane	M.L.L.W.		

ARMAMENT.

Emplacement or mortar No.	Guns or Mortars				Carriages						
	Cal.	length	model	Serial No.	Manufacturer	mounted	Type	model	Serial No.	Manufacturer	Motor
1	3"	169-5/8"	1903	90	Watervliet Ars.	Yes.	Pedsl	1903	68	Watertown Arsnl	None re-
2	3"	169-5/8"	1903	91	Watervliet Ars.	Yes.	Pedsl	1903	69	Watertown Arsnl	quired.
3	3"	169-5/8"	1903	92	Watervliet Ars.	Yes.	Pedsl	1903	70	Watertown Arsnl	" "
4	3"	169-5/8"	1903	94	Watervliet Ars.	Yes.	Pedsl	1903	71	Watertown Arsnl	" "
5											
6											
7											
8											

HOISTS.

Emplacement Number	Type	Delivery	Motor					Date of transfer	Remodeled for long points.
			Serial No.	Maker	H.P.	Volts	RPM		
1									
2			NO HOISTS REQUIRED.						
3									
4									

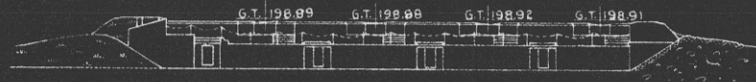
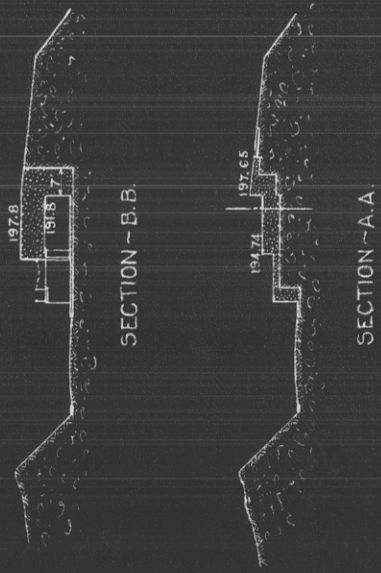
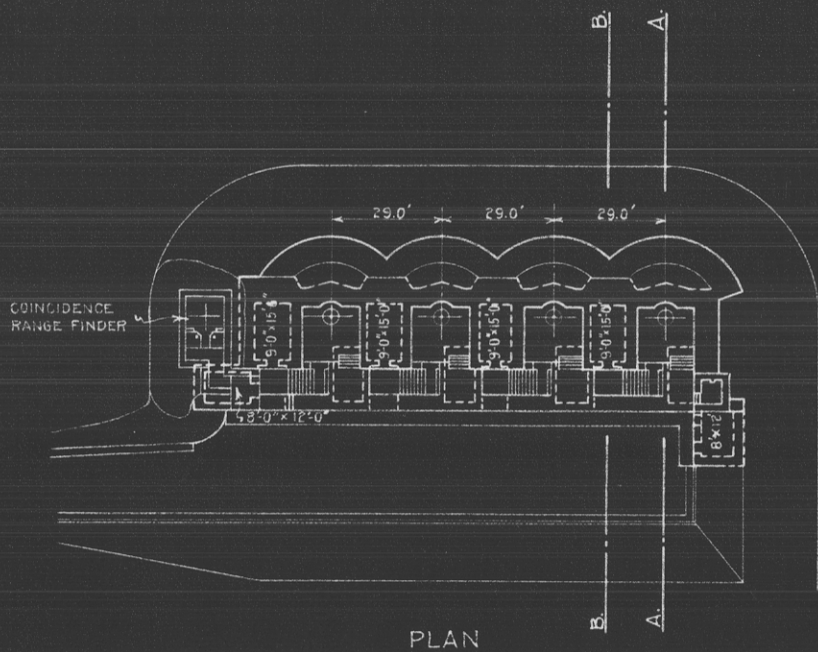
Plans for furnishing AC commercial power for lighting approved 6/29/42. 675.1 (San Fran.) CM 13 445.

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS  
(BATTERY PLAN)

COAST DEFENSES OF SAN FRANCISCO, CAL.  
FORT BARRY  
BATTERY PATRICK O'RORKE  
NO. OF GUNS 4: CALIBER 3<sup>IN.</sup>: BARBETTE CARRIAGE

CORRECTED TO DEC. 1919.

FORM-7



REAR ELEVATION

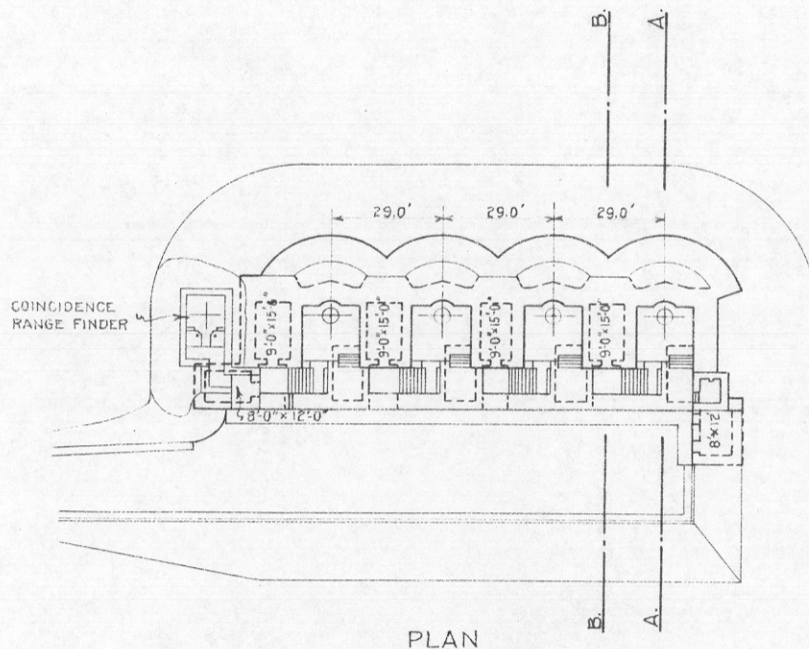


REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS  
 (BATTERY PLAN)

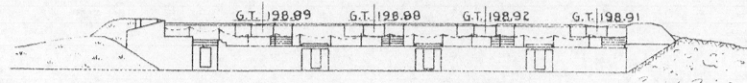
COAST DEFENSES OF SAN FRANCISCO, CAL.  
 FORT BARRY  
 BATTERY PATRICK O'RORKE  
 NO. OF GUNS 4: CALIBER 3 1/2": BARBETTE CARRIAGE

CORRECTED TO DEC. 1919.

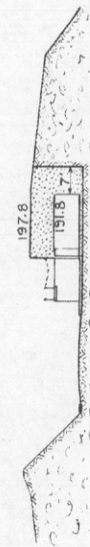
FORM-7



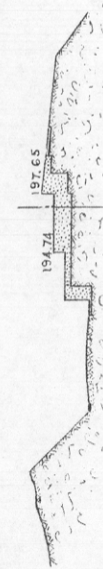
PLAN



REAR ELEVATION



SECTION - B.B.



SECTION - A.A.







COAST DEFENSES OF San Francisco, California.

FORT Barry BATTERY Patrick O'Rourke No. of GUNS: 4 CALIBER: 3"

	EMPLACEMENT NUMBER 1.	EMPLACEMENT NUMBER 2.	EMPLACEMENT NUMBER 3.	EMPLACEMENT NUMBER 4.
1-a. Azimuth.	279° 22½'	144° 33½'	144° 33½'	144° 33½'
b. Distance.	2757'	29'	29'	29'
2-a. Model of Gun.	1903	1903	1903	1903
b. " " Carriage.	1903	1903	1903	1903
c. Type of " "	Ped	Ped	Ped	Ped
3- Elevations of.				
a. Gun trunnions (in battery)	198.9	198.9	198.9	198.9
b. Interior crest.	198.35	198.35	198.35	198.35
c. Loading platform.	194.93	194.93	194.93	194.93
4- Angle of depression.	5°00'	5°00'	5°00'	5°00'
5- Limiting azimuths of field of fire as determined by:				
a. Construction of emplacement.	FROM. 0 1	TO. 0 1	FROM. 0 1	TO. 0 1
b. Interference by adjacent emplacements.	354°30'	40°25'	353°25'	115°30'
c. Interference of other obstacles external to emplacement.			353°25'	115°30'
d. Position of Ordnance stops.			115°30'	323°30'
			115°30'	

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 Podco { Latitude - 37°49' - 1195.6 meters  
Longitude 122°31'-51.7 "
3. Above plane of M. L. L. W.
- 5-c. Nature of obstacles: No obstacles
- 2-c. Use one of following abbreviations or designations: Dis.; Nondis.; Alt. gun-tiff; Turret; Casemate; Ped.; B.P.



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

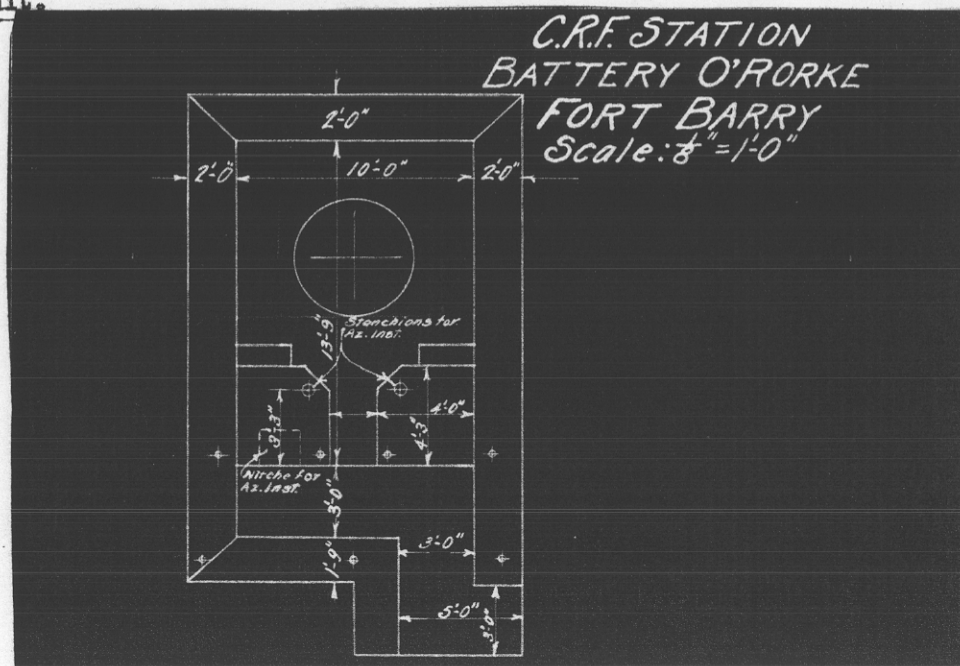
COAST DEFENSES OF SAN FRANCISCO.  
FORT... **BARRY**.....  
STRUCTURE - **C.R.F. O'RORKE**.....

Form 2.

Corrected to

~~MAR 1 - 1919~~

Location	On the horizontal axis of the battery 32'6" to the left of Gun #4.	Type of data transmission	Telephone.
Date of transfer	April 25, 1919.	Date of transfer	
Cost to that date	\$1560.83	Cost of data transmission	
Type of construction		equipment	Supplied by S. C.
(a) Roof	Canvas.	For tide stations give description of tide gauge	
(b) Remainder of bldg.	Concrete breast walls and floor.	For datum points give Forts from which visible	
How concealed	Not concealed.	For dormitories give stations served	
How protected	Concrete breast walls and earth.	For cable hut give S.C. Type	
Heights above concealment	5.5'		
Heights above protection	5.5'		
Conspicuous at	1300 yards from sea.		
Source of electric current	Guthrie Power Plant.		
Kilowatts required	.18 k.w.		
Type of lighting fixtures	W.T. Fix. l. c. cable, 1-A Conduit.		
How heated	Not heated.		
Connected to water mains	No.		
Connected to sewer	No.		
Type of latrine	None.		
Permanent or temporary installation	Permanent.		
Present condition	Good.		
Reference of site	198.0		
Reference of instrument axis	199.92		
Type of observing inst.	(Bausch & Lomb. C.R.F.		
Type of plotting board	(15° instrument.		
Type and capacity of crane			
Max. dimensions of reel handled			



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

COAST DEFENSES OF SAN FRANCISCO, CALIF.

FORT. BARRY

BATTERY ALEXANDER

No. of ~~guns~~ <sup>Mortars</sup>

FOUR Caliber 12-INCH CarriageMortar

Form 1 Corrected to SEPTEMBER 1, 1923.

Battery commenced -----	1901.	Source of electric current---	* Battery Guthrie electric plant: Two 25-k.w. gas. motor sets.
Battery completed -----	1903.*		
Date of transfer -----	June 8, 1905.	Max. kv. required for lights---	8.2 k.w.
Material of construction ---	Concrete.	Max. kw. required for motors---	No motors.
Portland or Rosendale cement	Portland.		
Cost to date of transfer-----	\$100,382.00		
Connected to water supply---	Yes.	Present condition of battery-	Good.
Connected to sewer -----	Yes.	Rooms wet or dry -----	Dry.
Type of latrine -----	Syphon.		
Type of data transmission ---	Telephone.	How ventilated -----	Natural draft. Two 6" dia. flues from each magazine, extending through roof in one 10" dia. flue terminating in metal cap.
Union Elevation in-floor		Remarks-----	*Except as to minor details, work incident to setting baserings, delivering and mounting ordnance, etc.
<del>battery</del> of pits-----	170.6		
Datum plane -----	M.L.L.W.		

ARMAMENT.

Emplacement or mortar No.	Guns or Mortars					Carriages					
	Cal.	length	model	Serial No.	Manufacturer	mounted	Type	model	Serial No.	Manufacturer	Motor
1 PIT A 1	12"	11.759'	1890MI	160	Watervliet Ars.	Yes	Steel	1896Mi	280	Rarig Eng.Co.	None required.
2 2				**							
3 3	12"	11.759'	1890MI	147	do.	Yes	Steel	1896Mi	277	do.	do.
4 4				**							
5 PIT B 1	12"	11.759'	1890MI	151	do.	Yes	Steel	1896Mi	282	do.	do.
6 2				**							
7 3	12"	11.759'	1890MI	155	do.	Yes	Steel	1896Mi	284	do.	do.
8 4				**							

\*\*MORTARS AND CARRIAGES REMOVED.

HOISTS.

Emplacement Number	Type	Delivery	Motor						Remodeled for long points.
			Serial No.	Maker	H.P.	Volts	RPM	Type of Control	
1									
2									
3			NO HOISTS REQUIRED.						
4									

\* Plans for AC commercial power for lighting approved 6/29/42, 67511(San Fran.) CM 13,445

Reclassified in Class "C". To be used in training & target practice in lieu of Btry. Livingston. See 662B(San Fran)296 10101