

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

COAST DEFENSES OF SAN FRANCISCO, CAL.
FORT. McDOWELL.
BATTERY DREW.
No. of guns 0** Caliber 8" Carriage N. Dis.

Form 1 Corrected to MARCH 1, 1920

Battery commenced -----	1898	Source of electric current -----	Battery plant. 5-h.p. Hornsby-Akroyd oil engine belted to 2.65 k.w., 125-v. Westinghouse generator.
Battery completed -----	1898	Max. kv. required for lights -----	7-k.w.
Date of transfer -----	May 1, 1900	Max. kw. required for motors -----	No motors required.
Material of construction -----	Concrete.	Present condition of battery -----	Good.
Portland or Rosendale cement -----	Portland.	Rooms wet or dry -----	Damp.
Cost to date of transfer -----	\$34,836.82	How ventilated -----	Natural draft. 6" vent from magazine terminating at traverse wall.
Connected to water supply -----	Yes.	Remarks -----	
Connected to sewer -----	Yes.		
Type of latrine -----	Syphon.		
Type of data transmission -----	Telephone.		
Elevation intr. crest of battery -----	255.14		
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	** ONE EMPLACEMENT, GUN AND CARRIAGE REMOVED 1918.									
2										
3										
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		
1			NO HOISTS REQUIRED.						
2									
3									
4									

See Index Plat. Rev. May 22, 1936 - Battery no longer under control of H.D. Commander. Magazines used for post storage purposes.

REPORT OF COMPLETED WORKS ~ SEACOAST FORTIFICATIONS
(BATTERY PLAN)

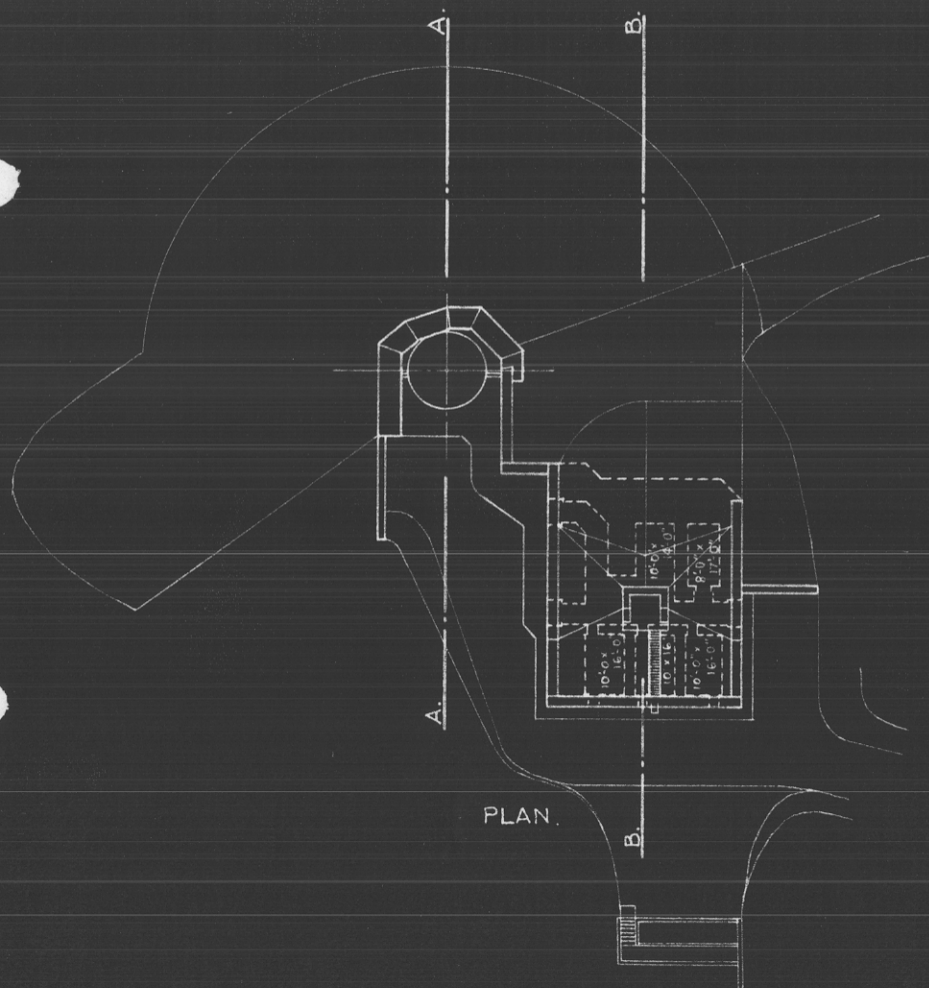
CORRECTED TO DEC. 1919.

FORM-7

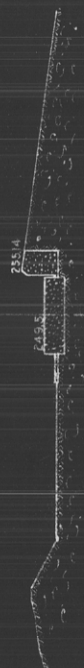
COAST DEFENSES OF SAN FRANCISCO, CAL.
FORT MCDOWELL
BATTERY DREW

NO. OF GUNS 0: CALIBER —: CARRIAGE 0.
EMPT. FOR 8 IN. GUN NONDISAPPEARING CARRIAGE

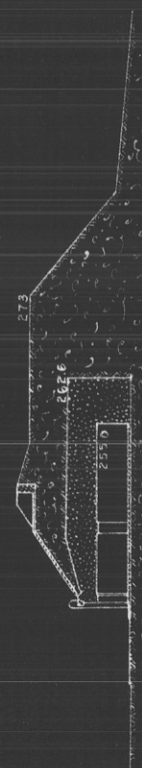
10 0 50 100 150 FEET



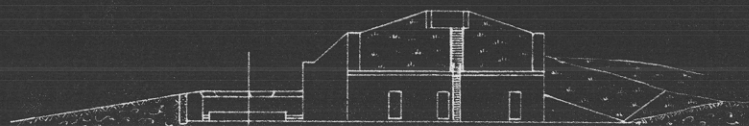
PLAN.



SECTION-A.A.



SECTION-B.B.



REAR ELEVATION.

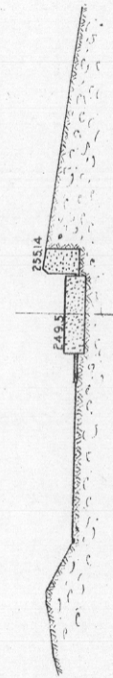
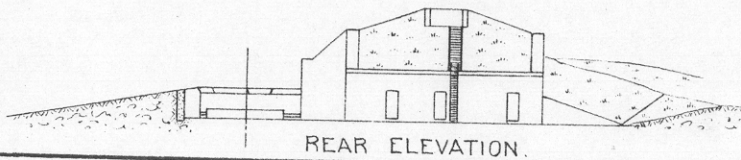
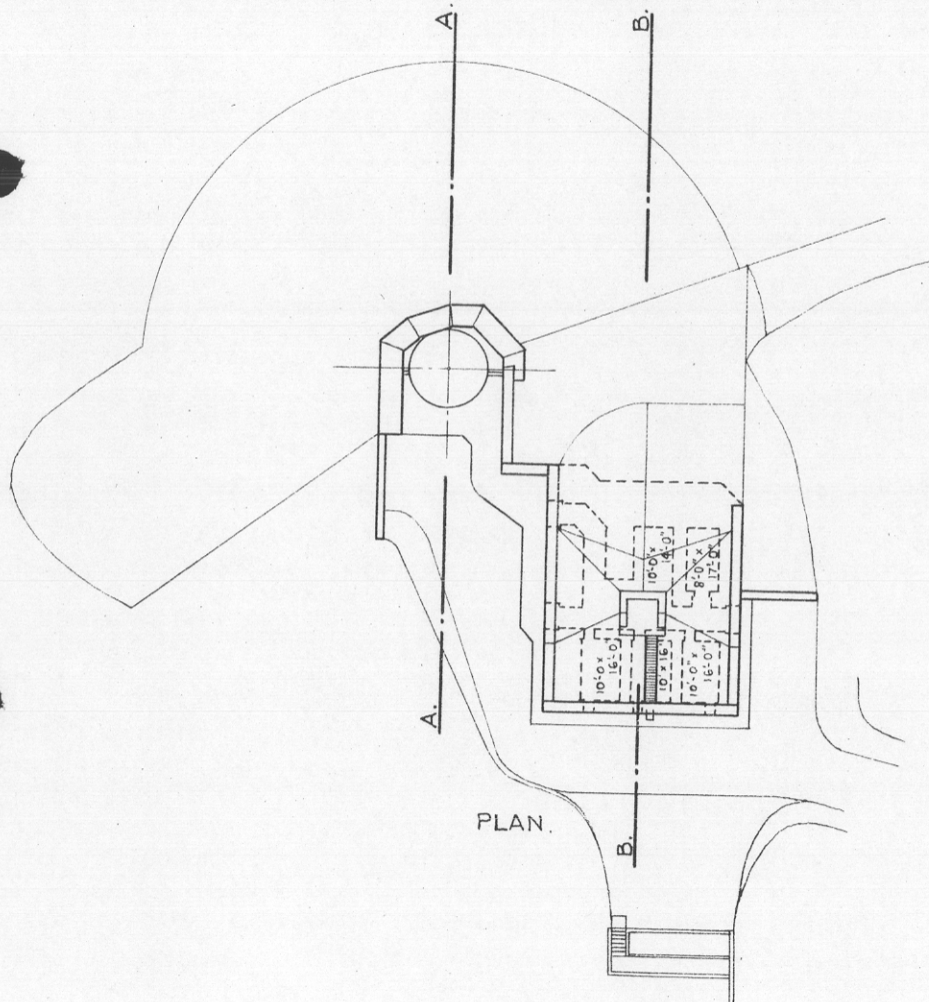
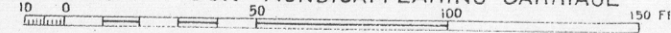
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(BATTERY PLAN)

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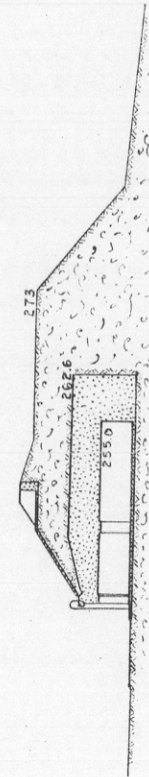
FORM-7

COAST DEFENSES OF SAN FRANCISCO, CAL
FORT M^CDOWELL
BATTERY DREW

NO. OF GUNS 0: CALIBER —: CARRIAGE 0.
EMPT. FOR 8^{IN.} GUN ^{10.}0 ⁵⁰NONDISAPPEARING CARRIAGE



SECTION-A.A



SECTION - B.B.

COAST DEFENSES OF San Francisco, California

FORT McDowell BATTERY Drew No. of GUNS: 1 CALIBER: 8"

	EMPLACEMENT NUMBER 1.	EMPLACEMENT NUMBER 2.	EMPLACEMENT NUMBER 3.	EMPLACEMENT NUMBER 4.
1-a. Azimuth. _____	<u>116°45$\frac{1}{2}$'</u>			
b. Distance. _____	<u>1956.11</u>			
2-a. Model of Gun. _____	<u>1888</u>			
b. " " Carriage. _____	<u>1892</u>			
c. Type of " _____	<u>Non Dis.</u>			
3- Elevations of. _____				
a. Gun trunnions (in battery). _____	<u>257.35</u>			
b. Interior crest. _____	<u>255.14</u>			
c. Loading platform. _____	<u>242.50</u>			
4- Angle of depression. _____	<u>5°07'</u>			
5- Limiting azimuths of field of fire as determined by: _____	FROM. TO.	FROM. TO.	FROM. TO.	FROM. TO.
a. Construction of emplacement. _____	01 01	01 01	01 01	01 01
b. Interference by adjacent emplacements. _____	<u>No interference</u>			
c. Interference of other obstacles external to emplacement. _____	<u>250°25'</u>	<u>267°15'</u>		
d. Position of Ordnance stops. _____	<u>None Fitted</u>			

NOTES.

- 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 Battery Wallace. Gun #1. Latitude - 37°51' - 869.3 meters Longitude - 122°26' - 565.5 "
- Above plane of M. L. L. W.
- Nature of obstacles: Topography of Angel Island.
- Use one of following abbreviations or designations: Dis.; Nondis.; Alt. gun-lift; Turret; Casemate; Ped.; B.P.