

COAST DEFENSES OF SAN FRANCISCO, CAL.
FORT. WILKINS, CAL.
BATTERY. LANCASTER.

No. of guns 0* Caliber 12" Carriage L.F.D.O.

Source of electric current
Max. kw. required for lights
Max. kw. required for motors
Present condition of battery
Rooms wet or dry
How ventilated
Remarks-

Central Power Plant: two 100-k.w. steam
driven sets.
7.6 k.w.
23.5 k.w. (3 retracting motors) Not in use, and
(1 hoist motor.) removed.

Good.
Dry.

Natural draft. 4" terra cotta vents from sag-
ging terminating at breezeway walls.

NOTE: Easps. 1 and 2 \$75,000. Easp.3 (Lancaster)
and Easps. 1 and 2 (Saffold) \$107,409.04.

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

COAST DEFENSES OF SAN FRANCISCO, CALIF.
FORT. WINFIELD SCOTT, CALIF.
BATTERY LANCASTER.

Form 1 Corrected to SEPTEMBER 1, 1923.

No. of guns 0* Caliber 12-INCH Carriage L.F.D.C.

Battery commenced -----	1898	: 1896	Source of electric current ---	Central Power Plant: Two 100-k.w. steam driven sets.
Battery completed -----	1900	: 1898		
Date of transfer -----	Apr. 1900	: June 1899	Max. kv. required for lights ---	7.6 k.w.
Material of construction -----	Concrete.		Max. kw. required for motors ---	23.5 k.w. (3 retracting motors) Not in use, guns removed.
Portland or Rosendale cement -----	Portland.			(1 hoist motor)
Cost to date of transfer -----	SEE NOTE.		Present condition of battery ---	Good.
Connected to water supply -----	Yes.		Rooms wet or dry -----	Dry.
Connected to sewer -----	Yes.		How ventilated -----	Natural draft. 4" terra cotta vents from magazines terminating at traverse walls.
Type of latrine -----	Syphon.		Remarks -----	NOTE: Emps. 1 and 2, \$75,000. Emp. 3 (Lancaster), and Emps. 1 and 2 (Saffold), \$107,409.04.
Type of data transmission -----	Telephone and speaking tube.			
Trunnion elevation in -----	#1- 178.4			
battery -----	2- 184.4			
Datum plane -----	3- 194.3			
	M.L.L.W.			

ARMAMENT.

Emplacement or mortar No.	Cal.	length	Guns or Mortars			Manufacturer	mounted	Carriages			
			model	Serial No.				Type	model	Serial No.	Manufacturer
1								1 D.C.	1897	7	Robt. Pool & Sons
2								2 D.C.	1897	6	do.
3								3 D.C.	1896	23	Morgan Engr. Co.
4											do.
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									
3									
4	T-R	Back	11	G.E.Co.	7 1/2	220	1100	Sept. 30, 1908	Yes

Hoist motor and accessories, misc. Eng. supplies to be removed and stored at Fort. Scott - See 665 (3rd Empt. 110)

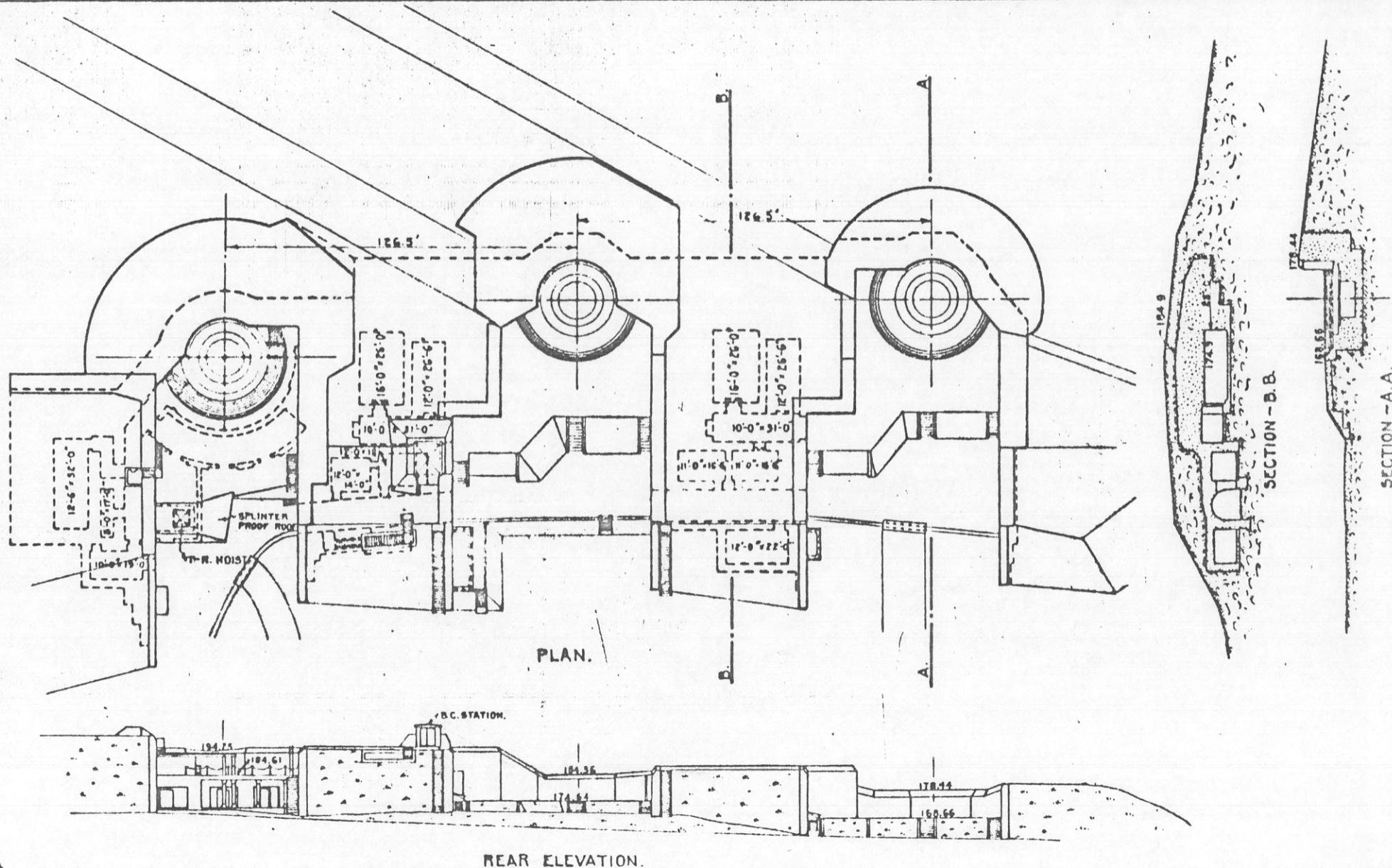
REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(BATTERY PLAN)

CORRECTED TO DEC. 1919.

COAST DEFENSES OF SAN FRANCISCO, CAL.
FORT WINFIELD SCOTT
BATTERY LANCASTER
NO. OF GUNS 0: CALIBER 13-12" DISAPPEARING CARRIAGES

FORM-7

0 50 100 150 FEET



COAST DEFENSES OF San Franc. co, California

FORT Winfield Scott. BATTERY Lancaster No. of GUNS: 3 CALIBER: 12"
Guns removed Dis.

	EMPLACEMENT NUMBER 1.	EMPLACEMENT NUMBER 2.	EMPLACEMENT NUMBER 3.	EMPLACEMENT NUMBER 4.				
1-a. Azimuth. _____	153°02½'	239°50½'	231°14'					
b. Distance. _____	942'	127'	128'					
2-a. Model of Gun. _____	1895	1895	1888 M1½					
b. " " Carriage _____	1897	1897	1896					
c. Type of " _____	Dis.	Dis.	Dis.					
3- Elevations of. _____								
a. Gun trunnions (in battery) _____	181.32	187.35	197.19					
b. Interior crest. _____	178.44	184.36	194.25					
c. Loading platform. _____	168.66	174.64	184.61					
4- Angle of depression. _____	5°03'	5°00'	5°06'					
5- Limiting azimuths of field of fire as determined by: }	FROM.	TO.	FROM.	TO.	FROM.	TO.	FROM.	TO.
	01	01	01	01	01	01	01	01
	a. Construction of emplacement. _____	95°50'	257°00'	86°59'	211°08'	45°00'	211°11'	
	b. Interference by adjacent emplacements. _____	No interference inside of azimuths given under "a."						
	c. Interference of other obstacles external to emplacement. _____							
d. Position of Ordnance stops. _____	25°50'	254°16'	90°32'	209°14'	54°00'	196°45'		

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 Fort Point (Latitude ~ 37°48' ~ 1209.9 meters. Light. Longitude ~ 122°28' ~ 868.9 "

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-lift; Turret; Casemate; Ped.; B.P.

Obsolete

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

HARBOR

~~XXXXXX~~ DEFENSES OF SAN FRANCISCO.

FORT.....WINFIELD SCOTT.....

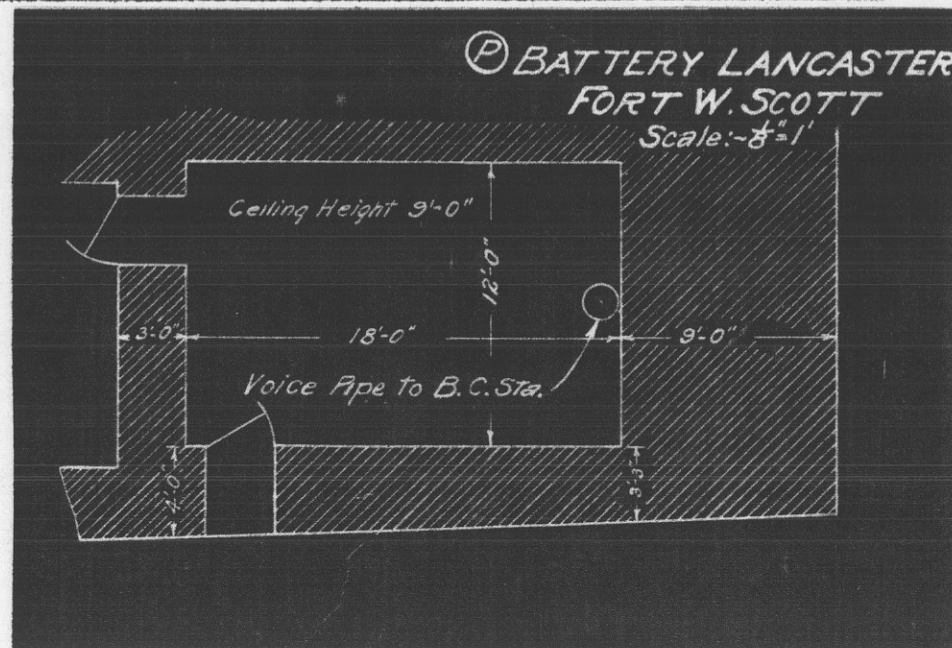
STRUCTURE....PLOTING ROOM, BATTERY.....

LANCASTER.

Form 2.

Corrected to NOV 1 1927

Location	In traverse between Emps. #2 and #3, Battery Lancaster	Type of data transmission	Telephone and voice tube. All equipment removed. Battery disarmed.
Date of transfer	June 14, 1899 & Apr. 27, 1900	Date of transfer	
Cost to that date	MODIFICATIONS \$170.00	Cost of data transmission	
Type of construction		equipment	Installed by Signal Corps
(a) Roof	Concrete and earth.	For tide stations give description of tide gauge	
(b) Remainder of bldg.	Concrete and earth.	For datum points give Forts from which visible	
How concealed	Concrete and earth.	For dormitories give stations served	
How protected	Concrete and earth.	For cable hut give S.C. Type	
Heights above concealment	Not above concealment.		
Heights above protection	Not above protection.		
Conspicuous at _____ yards	Not visible.		
Source of electric current	Central Power Plant.		
Kilowatts required	.9 k.w. (when in service)		
Type of lighting fixtures	3 light clusters, w.p. fixtures & arm. cable.		
How heated	Not heated.		
Connected to water mains	No.		
Connected to sewer	No.		
Type of latrine	Use battery latrine.		
Permanent or temporary installation	Permanent.		
Present condition	Good		
Reference of site	Floor 169.5' M.L.L.W.		
Reference of instrument axis			
Type of observing inst.			
Type of plotting board	Board removed.		
Type and capacity of crane			
Max. dimensions of reel handled			



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

Obsolete

HARBOR
~~XXXXXXXX~~ DEFENSES OF SAN FRANCISCO.
FORT...WINFIELD SCOTT.....
STRUCTURE...B.C. LANCASTER.....

Form 2.

Corrected to NOV 1 1927

Location : On traverse between Em-
placements #2 and #3.
Battery Lancaster.

Date of transfer : March 7, 1911.

Cost to that date : \$3,350.00.

Type of construction :
(a) Roof : Concrete.
(b) Remainder of bldg. : Concrete.

How concealed : Partly by earth fill.

How protected : Partly by earth fill.

Heights above concealment : 3.08'

Heights above protection : 3.08'

Conspicuous at 1500 yards : from sea.

Source of electric current : Central power plant.

Kilowatts required : .18 k.w. (when in service)

Type of lighting fixtures : W.t. fix. & iron conduit.

How heated : Not heated.

Connected to water mains : No.

Connected to sewer : No.

Type of latrine : Use battery latrine.

Permanent or temporary :
installation : Permanent.

Present condition : Good.

Reference of site : 193.66

Reference of instrument :
axis : 199.75

Type of observing inst. : Instrument removed.

Type of plotting board :

Type and capacity of crane :

Max. dimensions of reel handled :

Type of data transmission

Date of transfer

Cost of data transmission

equipment

For tide stations give descrip-

tion of tide gauge

For datum points give Forts

from which visible

For dormitories give

stations served

For cable hut give

S.C. Type

Telephone and voice pipe.
All equipment removed.
Battery disarmed.

