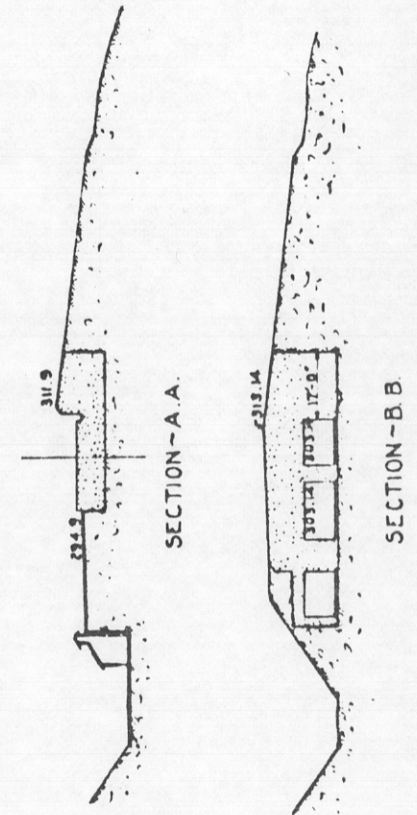
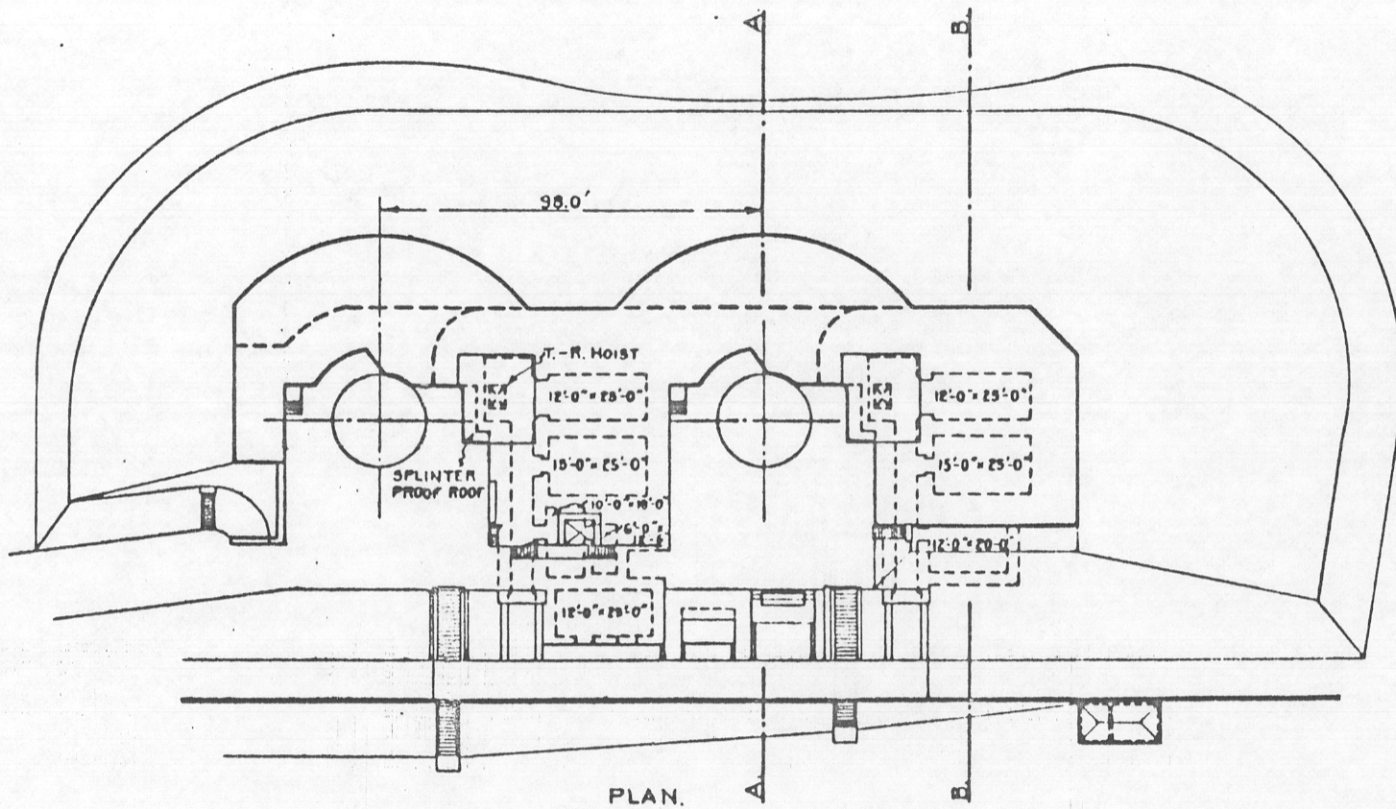
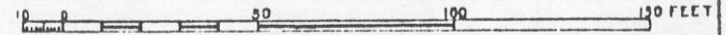


REPORT OF COMPLETED WORKS ~ SEACOAST FORTIFICATIONS
(BATTERY PLAN)

COAST DEFENSES OF SAN FRANCISCO, CAL.
FORT WINFIELD SCOTT
BATTERY SAFFOLD
No. of guns 2; CALIBER 12"^M; NONDISAPPEARING CARRIAGE

CORRECTED TO DEC. 1919.

FORM-7



REAR ELEVATION.

COAST DEFENSES OF San Francisco, California.

FORT Winfield Scott. BATTERY Saffold NO. OF GUNS: 2 CALIBER: 12"

	EMPLACEMENT NUMBER 1.		EMPLACEMENT NUMBER 2.		EMPLACEMENT NUMBER 3.		EMPLACEMENT NUMBER 4.	
	FROM.	TO.	FROM.	TO.	FROM.	TO.	FROM.	TO.
1-a. Azimuth.	354° 38½'		199° 58'					
b. Distance.	1461'		98'					
2-a. Model of Gun.	1888 M11		1888					
b. " " Carriage.	1892		1892.					
c. Type of " "	Non Dis.		Non Dis.					
3- Elevations of.								
a. Gun trunnions (in battery)	317.03		317.04					
b. Interior crest.	311.90		311.91					
c. Loading platform.	294.90		294.90					
4- Angle of depression.	7° 24'		7° 10'					
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	0
b. Interference by adjacent emplacements.	11° 21'	211° 54'	None.					
c. Interference of other obstacles external to emplacement.	168° 00'	211° 54'	170° 00'	212° 27'				
d. Position of Ordnance stops.	11° 21'	263° 03'	10° 54'	263° 00'				

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 Rob 3 { Latitude - 37° 47' - 1438.0 meters.
Longitude - 122° 28' - 849.0 "

3. Above plane of M.L.L.W.

5-c. Nature of obstacles: Topography of Fort Point.

2-c. Use one of following abbreviations or designations: Dis.; Nondis.; Alt. gun-lift; Turret; Casemate; Ped.; B.P.

⊕ At present recesses exist in the parapet walls of this battery, which permit the guns to fire into San Francisco Bay at Az. 263°. It is intended to fill up these recesses, which will reduce the Az. to about 212°.

obsolete ✓

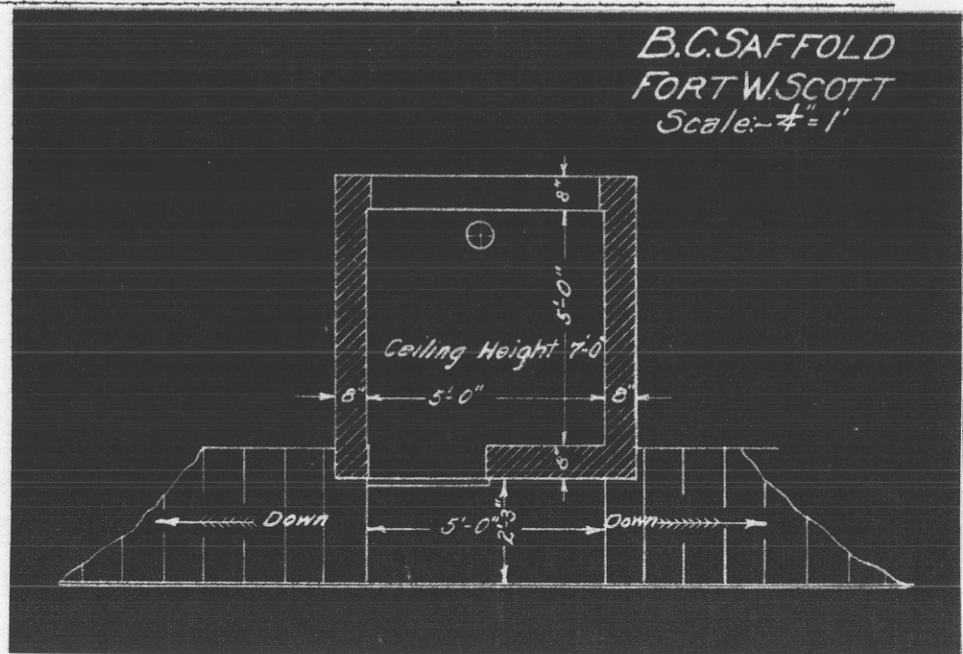
REPORT OF COMPLETED WORKS -- SEACOAST FORTIFICATIONS.
(Fire control or Torpedo Structures)

HARBOR
~~COAST~~ DEFENSES OF SAN FRANCISCO.
FORT. WINFIELD SCOTT.
STRUCTURE. B. C. SAFFOLD.

Form 2. Corrected to NOV 1 1927

Location	: At rear of traverse between Emplacements Nos. 1 and 2, Saffold.	Type of data transmission	: Telephone.
Date of transfer	: Feb. 4, 1898.*	Date of transfer	:)
Cost to that date	: MODIFICATIONS \$1,775.00	Cost of data transmission equipment	:) Installed by Sig. Corps.
Type of construction		For tide stations give description of tide gauge	:)
(a) Roof	: Concrete.	For datum points give Forts from which visible	:)
(b) Remainder of bldg.	: Reinforced concrete.	For dormitories give stations served	:)
How concealed	: Partly concealed by concrete.	For cable hut give S.C. Type	:)
How protected	: Partly protected by concrete.		:)
Heights above concealment	: 3.8'		:)
Heights above protection	: 3.8'		:)
Conspicuous at 2000 yards	: from sea.		:)
Source of electric current	: Battery Saffold power plant.		:)
Kilowatts required	: .18 k.w.		:)
Type of lighting fixtures	: W.T. fixtures & 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	: 303. M.L.L.W.		:)
Reference of instrument axis	: 317.3		:)
Type of observing inst.	: Azimuth inst., Mod. 1910,		:)
Type of plotting board	: #302.		:)
Type and capacity of crane	:		:)
Max. dimensions of reel handled	:		:)

*Existing crow nest modified to serve as a B.C. station.



REPORT OF COMPLETED WORKS * SEACOAST FORTIFICATIONS
(Electric Plants)

COAST DEFENSES OF SAN FRANCISCO, CAL.

FORT WINFIELD SCOTT

POWER FOR BATTERY SAFFOLD.

Form 5.

Corrected to Aug. 1, 1925.

	Serial No.	Type	Size	Mfgr.	Date of transfer	Cost	Con- dition	RPM	Belt or Direct Drive	Radiator: for Engine No.	Fuel	Switchboard			
												Material	No. of Panels	Gen. Feed	
Boiler No.1															
No.2															
No.3															
Engine No.1	17841	GM 12	43/54 HP	G.E.Co.	June 12/22		Good	560	Direct		Gasol.		See	15.1 (4th C.A.)	
No.2	19601	"	"	"	do.		"	"	"		"		Volts	Wire	Used for Q.M. Power
No.3											"		"	3	No
Generator															
No.1	924351	MRC 6	25-k.w.	"	do.		"	"	"						
No.2	944611	"	"	"	do.		"	"	"						
No.3															
Radiator															
No.1	17348	FF 54		"	do.		"	1150	"						
No.2	20008	"		"	do.		"	"	"						
No.3															
Motor-generator															
No.1															
No.2															
No.3															
Switchboard	491	G.D.G.	60"x82"	"	do.		Un- known								
Storage Battery															
Transformer															
No.1															
No.2															
No.3															
Auxiliaries															
No.1															
No.2															
No.3															

DISTRIBUTION OF K.W.

	Light	Power	Total
Battery Saffold, ---- :	3.8	11.2	15.
3 F.C.Stations, ---- :	1.8		1.8
Battery Crosby, ----- :	2.9		2.9
			<u>19.7</u>

Current can also be supplied to other batteries and f.c.stations at Fort Scott through the switchboard at central power plant, so far as the capacity of the plant will permit.

*POWER PLANT
BATTERY SAFFOLD FT. W. SCOTT
CALIFORNIA*

*NOTE:- For details of plant see
Transfer Plan 33-4-7*

SCALE $\frac{1}{8}$ " = 1 FT.

10 5 0 10 FEET.

