

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

COAST DEFENSES OF SAN FRANCISCO, CAL.
FORT. WINFIELD SCOTT.
BATTERY STOTSENBERG.
No. of ~~guns~~ 8 Caliber 12" Carriage 1896M1

Form 1 Corrected to 1920
MARCH 1, 1911

Battery commenced	1897	Source of electric current	Central Power Plant. Two 100-k.w. steam driven sets.
Battery completed	1898	Max. kw. required for lights	7.3 k.w.
Date of transfer	April 27, 1900	Max. kw. required for motors	No motors.
Material of construction	Concrete	Present condition of battery	Good.
Portland or Rosendale cement	Portland.	Rooms wet or dry	Dry.
Cost to date of transfer	\$130,188.43	How ventilated	Natural draft. 6" terra cotta vents from magazines terminating on top of fill in sewer pipe
Connected to water supply	Yes.	Remarks-	\$130,188.43 cost of Batteries Stotsenburg and McKinnen.
Connected to sewer	Yes.		
Type of latrine	Syphon.		
Type of data transmission	Telephone.		
Maximum elevation of floor			
Maximum of pits	338.6		
Datum plane	M.L.L.W.		

ARMAMENT.

ARMAMENT.												
Emplacement or mortar No.		Guns or Mortars					Carriages					
		Cal.	length	model	Serial No.	Manufacturer	mounted	Type	model	Serial No.	Manufacturer	Motor
PIT A	1-----	12" ^M	11'8"	1890M1	22 a	Builders I.Fdy.	Yes	1896M1	steel	62	Southward Fdy &	None
	2-----	12" ^M	11'8"	1890M1	33	do.	Yes	1896M1	steel	60	Machine Co.	required
	3-----	12" ^M	11'8"	1890M1	47	Watervl.Arsnl.	Yes	1896M1	steel	63	do.	do
	4-----	12" ^M	11'8"	1890M1	35	do.	Yes	1896M1	steel	61	do.	do
PIT B	5-----	12" ^M	11'8"	1890M1	31	Builders I.Fdy	Yes	1896M1	steel	66	do	do
	6-----	12" ^M	11'8"	1890M1	30	Do.	Yes	1896M1	steel	64	do	do
	7-----	12" ^M	11'8"	1890M1	49	Watervl.Arsnl	Yes	1896M1	steel	67	do	do
	8-----	12" ^M	11'8"	1890M1	6	Wilson Tool Wks	Yes	1896M1	steel	65	do	do

HOISTS.

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

NO HOISTS REQUIRED.

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

COAST DEFENSES OF SAN FRANCISCO, CALIF.,
FORT. WINFIELD SCOTT.
BATTERY STOTSSENBURG.
No. of ~~guns~~ ^{mortars} EIGHT Caliber 12-INCH Carriage Mortar

Form 1 Corrected to SEPTEMBER 1, 1923.

Battery commenced-----	1897	Source of electric current-----	Central Power Plant: Two 100-k.w. steam gener- ating sets. Also- Battery Stotsenburg-McKinnon Plant: Two 25-k.w. gas. motor sets.
Battery completed-----	1898	Max. kv. required for lights-----	7.84 k.w.
Date of transfer-----	Apr. 27, 1900.	Max. kw. required for motors-----	No motors.
Material of construction-----	Concrete.	Present condition of battery-----	Good.
Portland or Rosendale cement-----	Portland.	Rooms wet or dry-----	Dry.
Cost to date of transfer-----	\$130,188.43*	How ventilated-----	Natural draft. 6" terra cotta vents from maga- zines terminating on top of fill in sewer pipe elbow.
Connected to water supply-----	Yes.	Remarks-----	*Cost of Batteries Stotsenburg and McKinnon combined.
Connected to sewer-----	Yes.		
Type of latrine-----	Syphon.		
Type of data transmission-----	Telephone.		
Traffic Elevation in floor -battery of pits-----	338.6		
Datum plane-----	M.L.L.W.		

ARMAMENT.

Emplacement		Guns or Mortars					Carriages					
or mortar No.		Cal.	length	model	Serial No.	Manufacturer	mounted	Type	model	Serial No.	Manufacturer	Motor
1 PIT A-	1.	12"	11'8"	1890MI	22-a	Builders I. Fdry.	Yes	Steel	1896MI	62		
2	2.	12"	11'8"	1890MI	33	do.	Yes	do.	1896MI	60		
3	3.	12"	11'8"	1890MI	47	Watervliet Ars.	Yes	do.	1896MI	63	Southwark	
4	4.	12"	11'8"	1890MI	35	do.	Yes	do.	1896MI	61	Foundry	None
5 PIT B-	1.	12"	11'8"	1890MI	31	Builders I. Fdry.	Yes	do.	1896MI	66	and	re-
6	2.	12"	11'8"	1890MI	30	do.	Yes	do.	1896MI	64	Machine Co.	quired.
7	3.	12"	11'8"	1890MI	49	Watervliet Ars.	Yes	do.	1896MI	67		
8	4.	12"	11'8"	1890MI	6	Niles Tool Wks.	Yes	do.	1896MI	65		

HOISTS.

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

NO HOISTS REQUIRED.

See 660.2-20. Above armament to be stored locally
for use as spares in connection with the 48 mortars
of this type to be retained in Ninth Corps Area.

See 660.2-20. Above carriages to be sold as scrap, retaining
the parts listed in correspondence, storing them locally, for
use as spares in connection with the 48 carriages of this
type to be retained in the Ninth Corps Area.

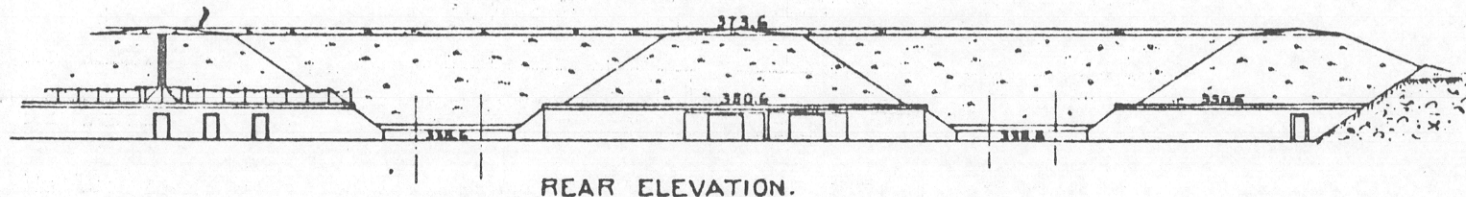
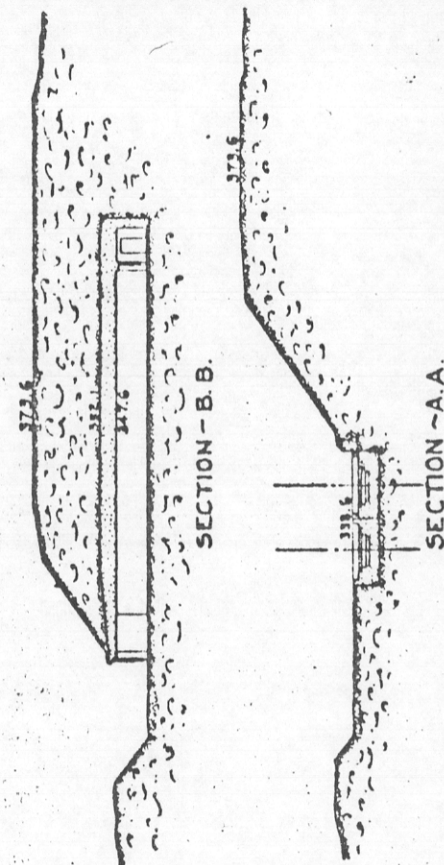
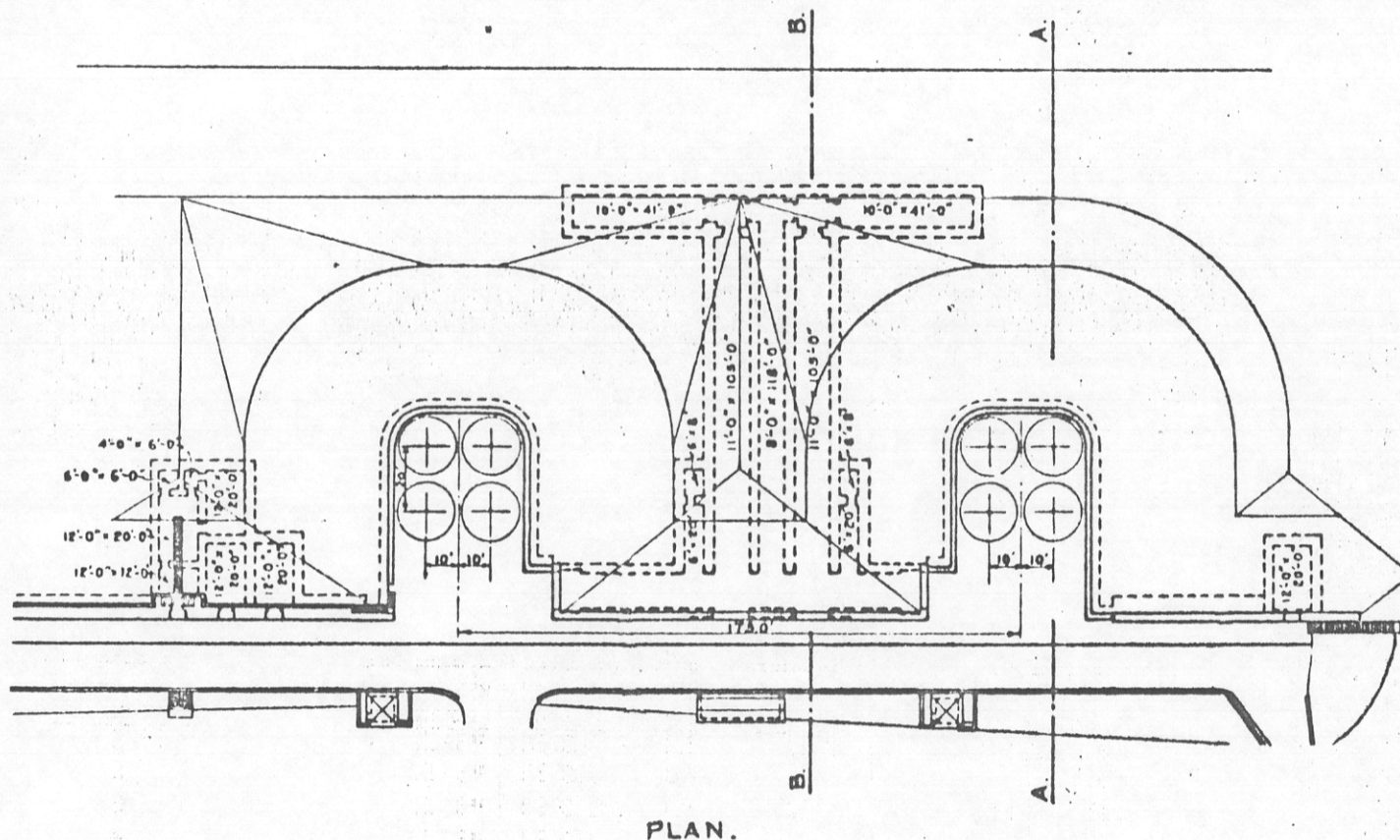
REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(BATTERY PLAN)

CORRECTED TO DEC. 1919.

COAST DEFENSES OF SAN FRANCISCO, CAL.
FORT WINFIELD SCOTT
BATTERY STOTSENBURG
No. OF MORTARS 8 : CALIBER 12^{IN.} : MORTAR CARRIAGES

FORM-7

10 0 50 100 150 FEET



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

COAST DEFENSES OF SAN FRANCISCO, CALIF.
FORT WINFIELD SCOTT
BATTERY WILLIAM MCKINNON
No. of ~~guns~~ mortars FOUR Caliber 12-INCH Carriage Mortar

Form 1 Corrected to SEPTEMBER 1, 1923.

Battery commenced -----	1897	Source of electric current -----	Central Power Plant; Two 100-k.w. steam generating sets. Also- Battery Stotsenburg-McKinnon Plant: Two 25-k.w. gas motor sets.
Battery completed -----	1898	Max. kv. required for lights -----	7.84 k.w.
Date of transfer -----	Apr. 27, 1900.	Max. kw. required for motors -----	No motors.
Material of construction -----	Concrete.	Present condition of battery -----	Good.
Portland or Rosendale cement -----	Portland.	Rooms wet or dry -----	Dry.
Cost to date of transfer -----	\$130,188.43*	How ventilated -----	Natural draft. 6" terra cotta vents from magazines terminating on top of fill in sewer pipe elbows.
Connected to water supply -----	Yes.	Remarks -----	*Cost of Batteries McKinnon and Stotsenburg combined.
Connected to sewer -----	Yes.		
Type of latrine -----	Syphon.		
Type of data transmission -----	Telephone.		
Trunnion Elevation in-floor -----			
battery of pits -----	338.6		
Datum plane -----	M.L.L.W.		

ARMAMENT.

Emplacement		Guns or Mortars					Carriages					
or mortar No.		Cal.	length	model	Serial No.	Manufacturer	mounted	Type	model	Serial No.	Manufacturer	Motor
1	PIT A-1	12"	11'8"	1890MI	34	Builders I.Fdry.	Yes	Steel	1896MI	91	)	)
2	2				**							
3	3	12"	11'8"	1890MI	36	do.	Yes	do.	1896MI	94	)	Robt.Poole
4	4				**						)	None
5	PIT B-1	12"	11'8"	1890MI	39	Watervliet Ars.	Yes	do.	1896MI	85	)	& Sons Co.
6	2				**						)	re- quired
7	3	12"	11'8"	1890MI	28-d	Builders I.Fdry.	Yes	do.	1896MI	86	)	)
8	4				**							
**MORTARS AND CARRIAGES REMOVED TO BATTERY WALTER HOWE, FORT FUNSTON, 1917.												

**MORTARS AND CARRIAGES REMOVED TO BATTERY WALTER HOWE, FORT FUNSTON, 1917.

HOISTS.

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

NO HOISTS REQUIRED.

See LLO.2 - 20. Above armament (Nos. 34, 36, 39, 28) to be stored locally for use as spares in connection with the 48 mortars of this type to be retained in the Ninth Corps Area.

See LLO.2 - 20 Above carriages to be sold as scrap, retaining some parts listed in correspondence, storing them locally, for use as spares in connection with the 48 carriages of this type to be retained in the Ninth Corps Area.

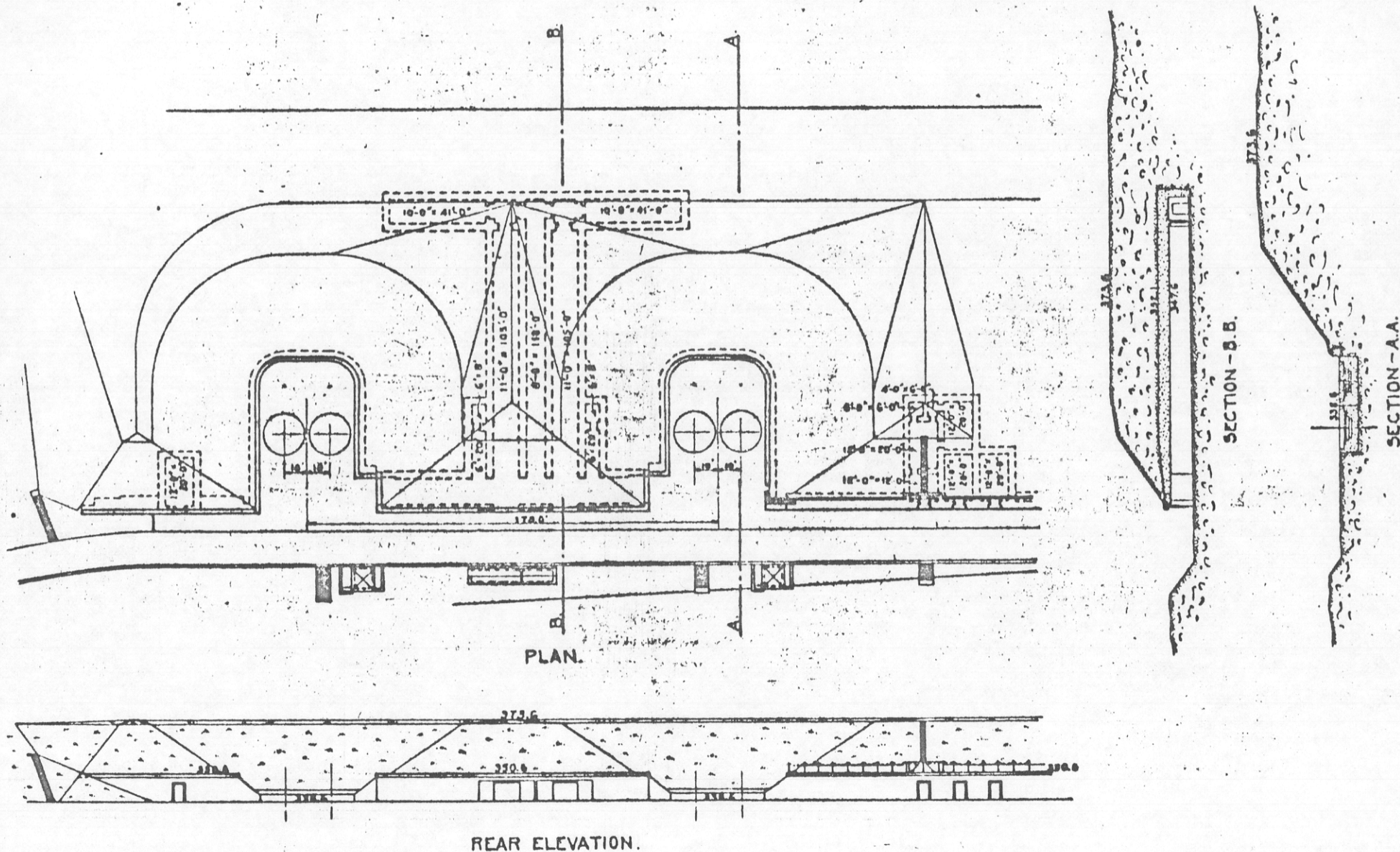
REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(BATTERY PLAN)

CORRECTED TO DEC. 1919

COAST DEFENSES OF SAN FRANCISCO, CAL.
FORT WINFIELD SCOTT
BATTERY WM. MCKINNON
NO. OF MORTARS 4 : CALIBER 12^{IN} : 4 MORTAR CARRIAGES

FORM-7

0 20 40 60 80 100 120 FEET.



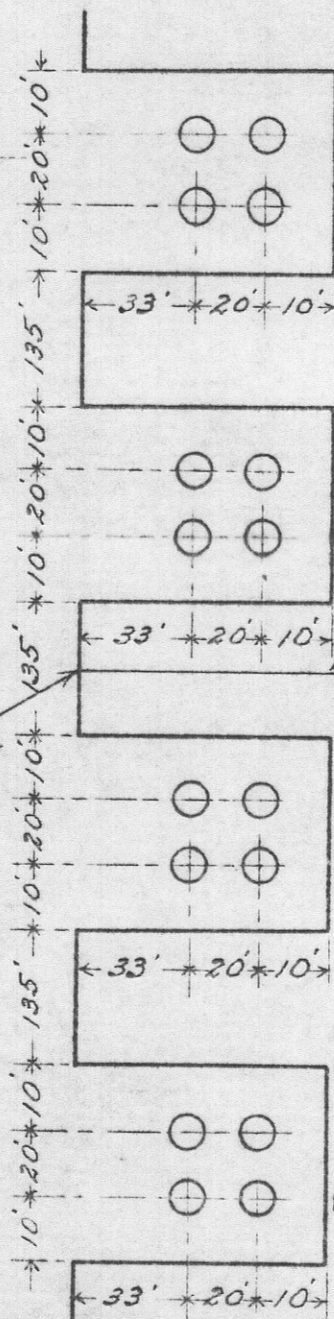
Stotsenburg and
 FORT Winfield Scott. BATTERIES McKinnon 16-12" MORTARS.

ARMAMENT BATTERY William McKinnon

MODELS OF MORTARS CARRIAGES

PIT A No. 1	1890 M.L.	1896
" 2	1890 M.L.	1896
" 3	1890 M.L.	1896
" 4	1890 M.L.	1896
PIT B No. 1	1890 M.L.	1896
" 2	1890 M.L.	1896
" 3	1890 M.L.	1896
" 4	1890 M.L.	1896

Converted into Model 1896 M.L.



Azimuth of Capital
 162° 56'

Azimuth 292° 18' 34"
 central traverse from "Rob 3"
 112.5 ft. to rear face of

Position of "Rob 3"

Lat. 37° 47' ~ 1438.0 meters.
 Long. 122° 28' ~ 849.0 metres.

ARMAMENT BATTERY Stotsenburg

MODELS OF MORTARS CARRIAGES

PIT A No. 1	1890 M.L.	1896
" 2	1890 M.L.	1896
" 3	1890 M.L.	1896
" 4	1890 M.L.	1896
PIT B No. 1	1890 M.L.	1896
" 2	1890 M.L.	1896
" 3	1890 M.L.	1896
" 4	1890 M.L.	1896

Converted into Model of 1896 M.L.

ELEVATION OF FLOORS OF PITS 338.6 ABOVE PLANE OF M.L.L.W.

REPORT OF COMPLETED WORKS * SEACOAST FORTIFICATIONS
(Electric Plants)

COAST DEFENSES OF SAN FRANCISCO, CAL.
FORT WINFIELD SCOTT
POWER FOR BATTERIES STOTSSENBERG & MCKINNON

Form 5.

Corrected to June 15, 1927.

	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	
Boiler No.1													Gen.	Feed
No.2														
No.3														
Engine No.1	17840	GM 12	43/54 HP	G.E.Co.	June 12/22		Good	560	Direct		Gasol.	See	675.1	(9th C.A.)
No.2	17898	"	"	"	do.		"	"	"		"	Volts	Wires	Used for
No.3												115 -	3	No.
												230 D.C.		
Generator														
No.1	924350	MPC 6	25-k.w.	"	do.		"	"	"					
No.2	944608	"	"	"	do.		"	"	"					
No.3														
Radiator														
No.1	17347	FF 54		"	do.		"	1150		1				
No.2	20005	"		"	do.		"	"		2				
No.3														
Motor-generator														
No.1														
No.2														
No.3														
Switchboard	489	C.D.G.	60"x 82"	"	do.	Un- known	"					Ebony Asbes- tos wood.	2	1
Storage Battery														
Transformer														
No.1														
No.2														
No.3														
Auxiliaries														
No.1														
No.2														
No.3														

DISTRIBUTION OF K.W.

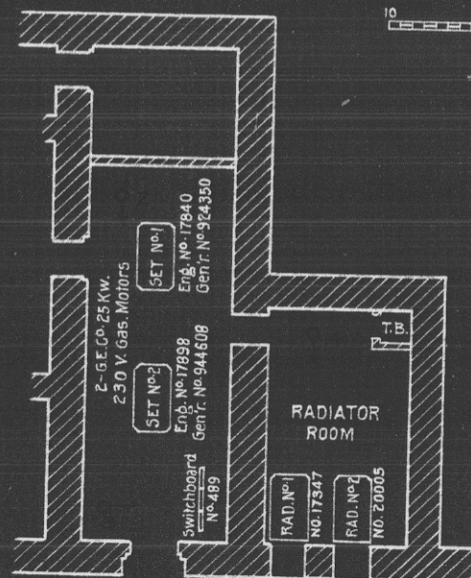
Battery McKinnon
" Stotsenburg
Radio Station
Engine room

: Lights : Power : Total		
: 6.6 :	:	: 6.6
: 6.72 :	:	: 6.72
: .5 :	: 3.3 :	: 3.8
: .6 :	:	: .6
14.42	3.3	17.72

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
BATTERIES STOTSENBERG & MCKINNON
FORT WINFIELD SCOTT, CAL..**

SCALE $\frac{1}{16}$ IN. = 1 FT.
0 10 20 30 FEET.



NOTE~ For details of plant see
Transfer Plan 38-4-7

370 Gallon
Gasoline Tanks
(Cross Connected)