

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

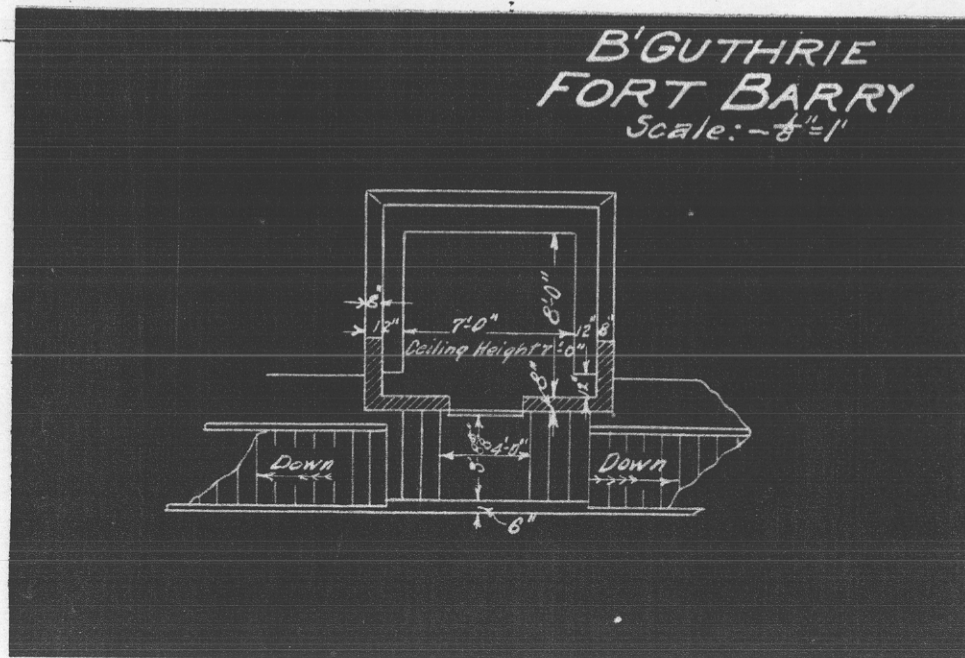
COAST DEFENSES OF SAN FRANCISCO.
FORT. BARRY.
STRUCTURE. B. (GUTHRIE).

1920

Form 2.

Corrected to MARCH 1, 1920

Location	At rear traverse between Emplacement #1 and 2.	Type of data transmission	Telephone.
Date of transfer	November 11, 1910.	Date of transfer	
Cost to that date	MODIFICATIONS \$1,490.00	Cost of data transmission	
Type of construction		equipment	Installed by Signal Corps
(a) Roof	Concrete.	For tide stations give descrip-	
(b) Remainder of bldg.	Concrete.	tion of tide gauge	
How concealed	Earth parapet.	For datum points give Forts	
How protected	Earth parapet.	from which visible	
Heights above concealment	3.8	For dormitories give	
Heights above protection	3.8	stations served	
Conspicuous at 1500 yards	from sea.	For cable hut give	
Source of electric current	Battery Guthrie power	3-C-Type	
Kilowatts required	.12 k.w. plant.		
Type of lighting fixtures	w.t. iron conduit wiring		
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	241.38		
Reference of instrument			
axis	246.4 above M.L.L.W.		
Type of observing inst.	Swasey D.P. ^F . Type A.		
Type of plotting board			
Type and capacity of crane			
Max. dimensions of reel handled			



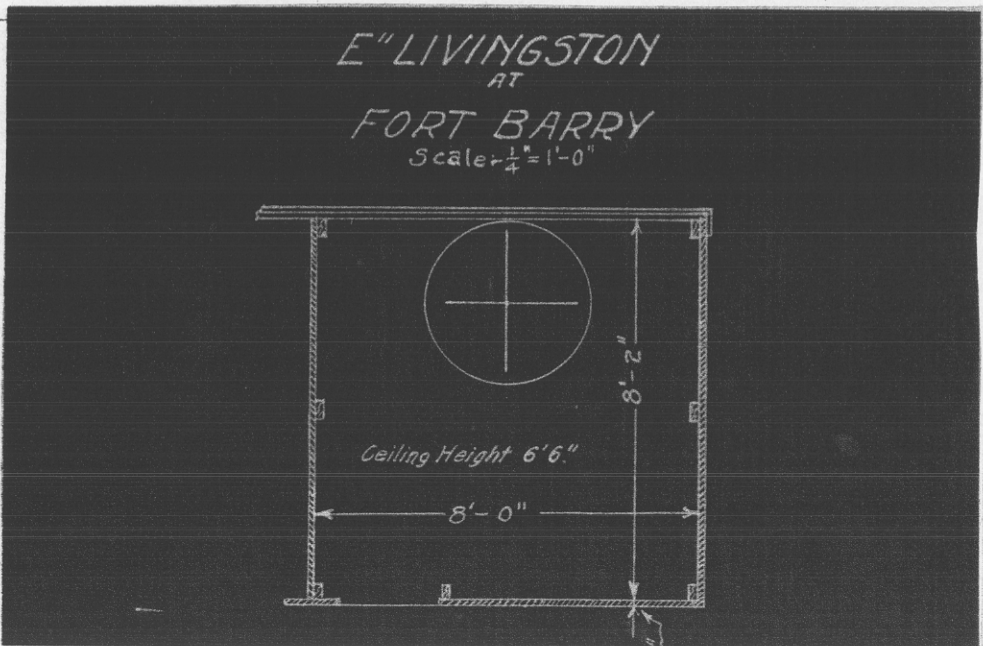
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REPORT OF COMPLETED WORKS -- SEACOAST FORTIFICATIONS.
(Fire control or Torpedo Structures)

HARBOR
~~XXXXXXXX~~ DEFENSES OF SAN FRANCISCO.
FORT. BARRY
STRUCTURE. Eth Livingston

Form 2. Corrected to DEC 10 1927

Location	About 50 ft. south of M th Barry.	Type of data transmission	Telephone.
Date of transfer	) Built by troop labor, 1917.	Date of transfer	) Installed by Artillery.
Cost to that date		Cost of data transmission equipment	
Type of construction		For tide stations give description of tide gauge	
(a) Roof	Wooden.	For datum points give Forts from which visible	
(b) Remainder of bldg.	Wooden.	For dormitories give stations served	
How concealed	Not concealed.	For cable hut give S.C. Type	
How protected	Not protected.		
Heights above concealment	5 feet.		
Heights above protection	5 feet.		
Conspicuous at 2000 yards	from sea.		
Source of electric current	*Batty. Mendell power plant.		*Aerial connection to light circuit in M th Barry installed when station is needed for service.
Kilowatts required	.12 k.w.		
Type of lighting fixtures	K. & B. wiring.		
How heated	Not heated.		
Connected to water mains	No.		
Connected to sewer	No.		
Type of latrine	None.		
Permanent or temporary installation	Temporary.		
Present condition	Fair.		
Reference of site	250 ft. above M.L.L.W.		
Reference of instrument axis	259.2 ft. above M.L.L.W.		
Type of observing inst.	Lewis D.P.F. Type A.		
Type of plotting board			
Type and capacity of crane			
Max. dimensions of reel handled			



obsolete

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

HARBOR

~~XXXX~~ DEFENSES OF SAN FRANCISCO.

FORT.. BARRY.....

STRUCTURE... E" Springer.....

Form 2.

Corrected to DEC 10 1927

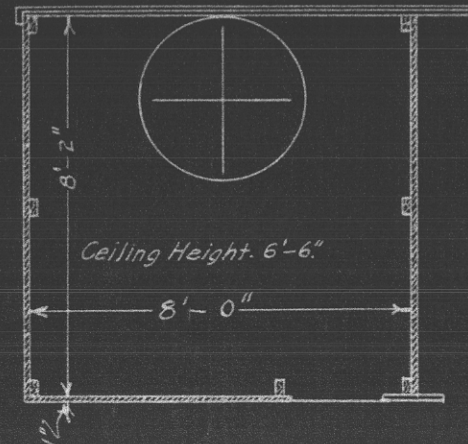
Location	About 50 ft. south of M ^o Barry.	Type of data transmission	Telephone.
Date of transfer .....	) Built by troop labor, 1917.	Date of transfer .....	) Installed by Artillery.
Cost to that date		Cost of data transmission equipment	
Type of construction .....	) Wooden.	For tide stations give descrip- tion of tide gauge)
(a) Roof		(b) Remainder of bldg. ....		For datum points give Forts from which visible .....
How concealed	Not concealed.	For dormitories give stations served	
How protected	Not protected.	For cable hut give S.C. Type	
Heights above concealment	5 feet.	*Aerial connection to light circuit in M ^o Barry installed when station is needed for service.	
Heights above protection	5 feet.		
Conspicuous at 2000 yards	from sea.		
Source of electric current	*Batty. Mendell power plant.		
Kilowatts required .....	.12 k.w.		
Type of lighting fixtures	K. & B. wiring.		
How heated	Not heated.		
Connected to water mains	No.		
Connected to sewer	No.		
Type of latrine	None.		
Permanent or temporary installation	Temporary.		
Present condition	Fair.		
Reference of site	250 ft. above M.L.L.W.		
Reference of instrument axis	259.2 ft. above M.L.L.W.		
Type of observing inst.	Lewis D.P.F. Type A.		
Type of plotting board			
Type and capacity of crane			
Max. dimensions of reel handled			

E" SPRINGER

AT

FORT BARRY

Scale - $\frac{1}{4}$ " = 1'-0"



obsolete

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

HARBOR
~~COAST~~ DEFENSES OF SAN FRANCISCO.
FORT. BARRY.....
STRUCTURE.. B'. WALLACE.....

Form 2. Corrected to NOV 1 1927

Location : Pt. Bonita Hill.

Date of transfer : June 24, 1921.

Cost to that date : \$2,154.85

Type of construction :

(a) Roof : Concrete.

(b) Remainder of bldg. : Concrete.

How concealed : Earth.

How protected : Earth.

Heights above concealment : 0: Observing slot in
face of bluff.

Heights above protection : 3'-0".

Conspicuous at 600 yards :

Source of electric current : Power plant, S.L. #14.

Kilowatts required : .12 k.w..

Type of lighting fixtures : Stand, W.T. Fix. & Arm.

How heated : Not heated.

Connected to water mains : No.

Connected to sewer : Drained to slope.

Type of latrine : None.

Permanent or temporary : Permanent.

installation : Permanent.

Present condition : Good.

Reference of site : 236 above M.L.L.W.

Reference of instrument :
axis : 233.22 above M.L.L.W.

Type of observing inst. : Swasey D.P.F. Type A.

Type of plotting board : ~~Plotting board~~

Type and capacity of crane :

Max. dimensions of reel handled :

Type of data transmission : Telephone.

Date of transfer : With station.

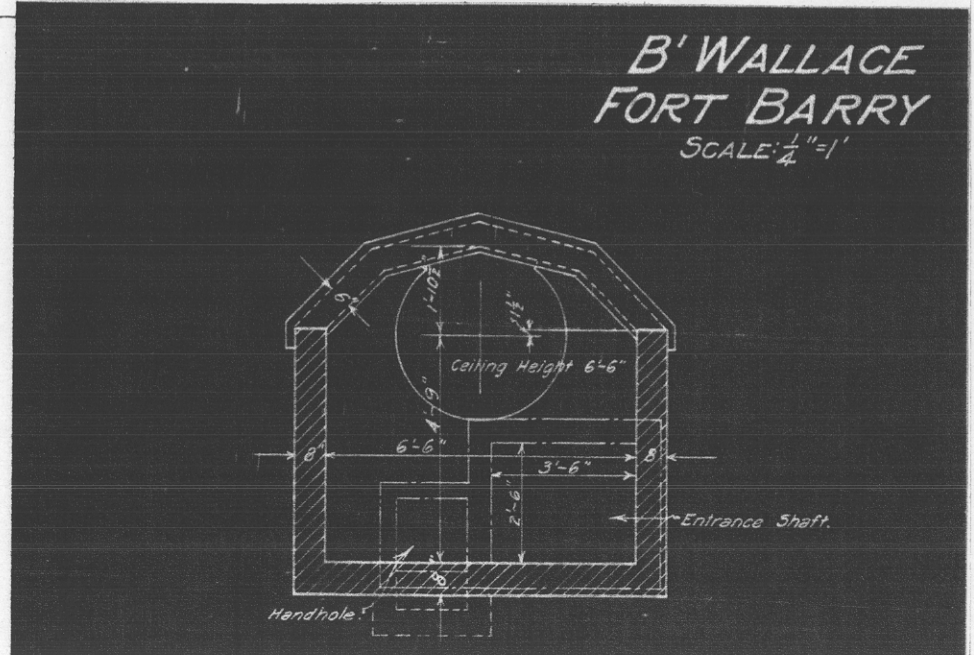
Cost of data transmission :
equipment : Furnished by Sig. Corps.

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 :



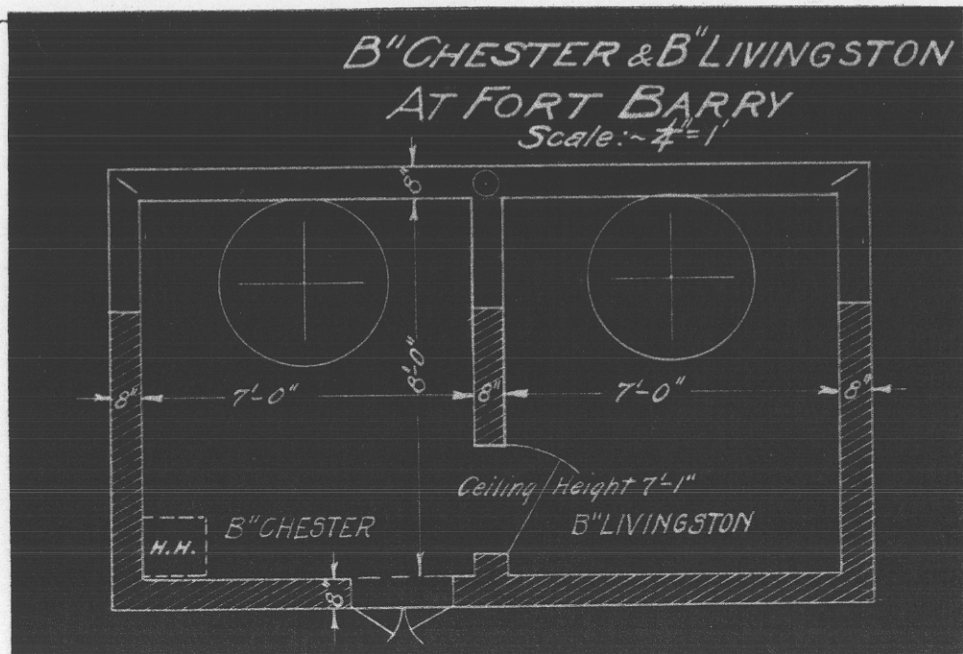
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REPORT OF COMPLETED WORKS -- SEACOAST FORTIFICATIONS.
(Fire control or Torpedo Structures)

HARBOR
~~XXXXXX~~ DEFENSES OF SAN FRANCISCO.
FORT.....**BARRY**.....
STRUCTURE.....**B" CHESTER**.....

Form 2. Corrected to NOV 1 1927

Location	: On bluff below M' Barry	Type of data transmission	: Telephone.
Date of transfer	: June 28, 1917.	Date of transfer	: with station
Cost to that date	: \$787.40	Cost of data transmission	: equipment
Type of construction	:		: furnished by Sig. Corps.
(a) Roof	: Removable wooden roof.	For tide stations give descrip-	:
(b) Remainder of bldg.	: Concrete.	tion of tide gauge	:
How concealed	: Rock parapet.	For datum points give Forts	:
How protected	: Rock parapet.	from which visible	:
Heights above concealment	: 4.27	For dormitories give	:
Heights above protection	: 4.27	stations served	:
Conspicuous at 1500 yards	: from sea.	For cable hut give	:
Source of electric current	: Battery Mendell Plant.	B.C-Type	:
Kilowatts required	: .12 k.w.		:
Type of lighting fixtures	: W.t. fixtures & arm. cable.		:
How heated	: Not heated.		:
Connected to water mains	: No.		:
Connected to sewer drain	: Yes.		:
Type of latrine	: No latrine.		:
Permanent or temporary	:		:
installation	: Permanent.		:
Present condition	: Good.		:
Reference of site	: 83.5		:
Reference of instrument	:		:
axis	: 85.0 above M.L.L.W.		:
Type of observing inst.	: Pier for D.P.F. No Instru-		:
Type of plotting board	: ment installed.		:
Type and capacity of crane	:		:
Max. dimensions of reel handled:	:		:



REPORT OF COMPLETED WORKS -- SEACOAST FORTIFICATIONS.
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HARBOR

~~XXXXXX~~ DEFENSES OF SAN FRANCISCO.

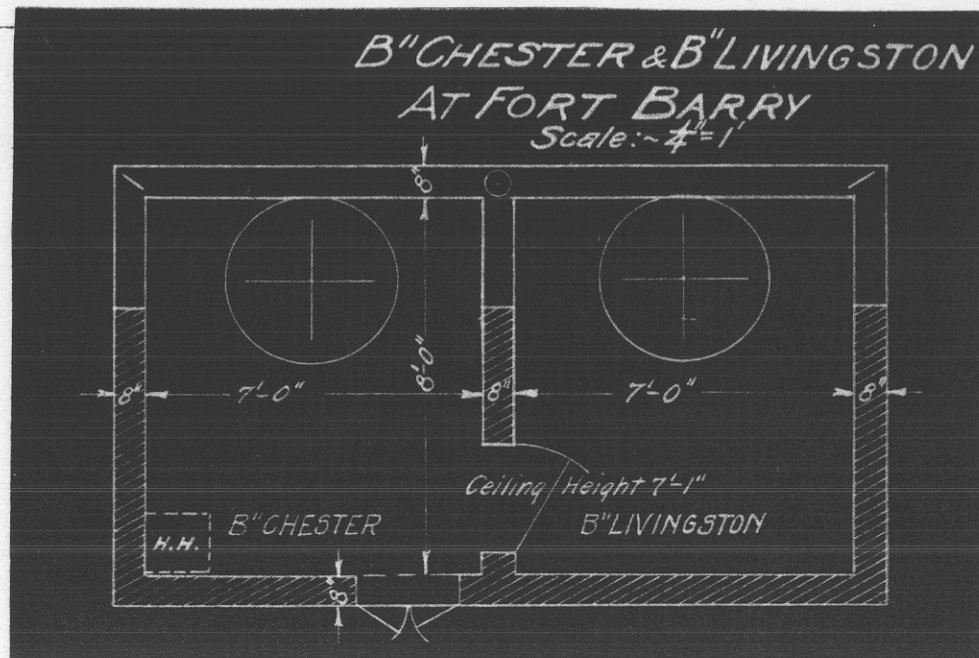
FORT... **BARRY**

STRUCTURE... **B" LIVINGSTON**

Form 2.

Corrected to NOV 1 1927

Location	On bluff below M' Barry.	Type of data transmission	Telephone.
Date of transfer	June 28, 1917.	Date of transfer	With station.
Cost to that date	\$787.35	Cost of data transmission	
Type of construction		equipment	Furnished by Sig. Corps.
(a) Roof	Wooden, removable.	For tide stations give descrip-	
(b) Remainder of bldg.	Concrete.	tion of tide gauge	
How concealed	By rock parapet.	For datum points give Forts	
How protected	By rock parapet.	from which visible	
Heights above concealment	4.27	For dormitories give	
Heights above protection	4.27	stations served	
Conspicuous at	1500 yards from sea.	For cable hut give	
Source of electric current	Battery Mendell Plant.	S.C-Type	
Kilowatts required	.12 k.w.		
Type of lighting fixtures	W.T. fixtures & arm. cable		
How heated	Not heated.		
Connected to water mains	No.		
Connected to storm drain	Yes.		
Type of latrine	No latrine.		
Permanent or temporary			
installation	Permanent.		
Present condition	Good.		
Reference of site	83.5		
Reference of instrument			
axis	85.0 above M.L.L.W.		
Type of observing inst.	Swasey D.P.F. Type "A",		
Type of plotting board			
Type and capacity of crane			
Max. dimensions of reel handled			



Obsolete ✓

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

HARBOR
~~XXXXXX~~ DEFENSES OF SAN FRANCISCO.
FORT.....**BARRY**.....
STRUCTURE...**B¹ SPRINGER**.....

Form 2. Corrected to *REV. 1-17*

Location..... **On bluff below M^c BARRY.**

Date of transfer..... **June 28, 1917**

Cost to that date..... **\$783.65**

Type of construction.....

(a) Roof..... **Removable, wooden.**

(b) Remainder of bldg..... **Concrete.**

How concealed..... **By rock parapet.**

How protected..... **By rock parapet.**

Heights above concealment..... **4.28'**

Heights above protection..... **4.28'**

Conspicuous at **1500** yards..... **from sea.**

Source of electric current..... **Battery Mendell Plant.**

Kilowatts required..... **.12 k.w.**

Type of lighting fixtures..... **W.T. fixtures, arm. cable.**

How heated..... **Not heated.**

Connected to water mains..... **No.**

Connected to ~~sewer~~ drain..... **Yes.**

Type of latrine..... **No latrine.**

Permanent or temporary installation..... **Permanent.**

Present condition..... **Good.**

Reference of site..... **72.0** above M.L.L.W.

Reference of instrument axis..... **73.2** above M.L.L.W.

Type of observing inst..... **Swasey D.P.F. Type "A".**

Type of plotting board.....

Type and capacity of crane.....

Max. dimensions of reel handled.....

Type of data transmission..... **Telephone.**

Date of transfer..... **With station.**

Cost of data transmission equipment..... **Furnished by Sig. Corps.**

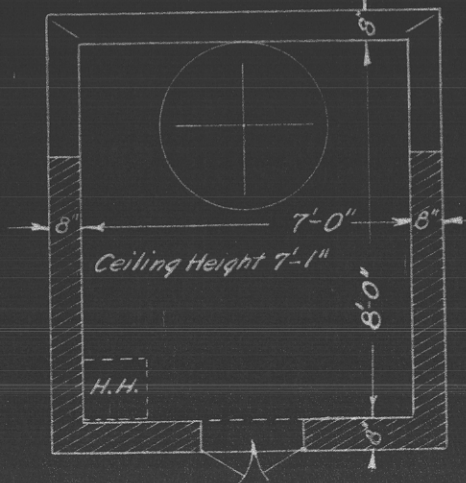
For tide stations give description of tide gauge.....

For datum points give Forts from which visible.....

For dormitories give stations served.....

For cable hut give S.C. Type.....

B¹ SPRINGER
FORT BARRY
Scale: 1/4"=1'



Obsolete

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

HARBOR
~~FOOT~~ DEFENSES OF SAN FRANCISCO.
FORT.....**BARRY**.....
STRUCTURE...**B"** **ALEXANDER**.....

Form 2. Corrected to NOV 1 1927

Location ----- : **On point in front of Fog signal, Point Bonita.** :

Date of transfer ----- : **June 28, 1917.** :

Cost to that date ----- : **\$1,511.20** :

Type of construction ----- :
 (a) Roof ----- : **Removable wooden roof.** :
 (b) Remainder of bldg. ----- : **Concrete.** :
 How concealed ----- : **Rock parapet.** :

How protected ----- : **Rock parapet.** :

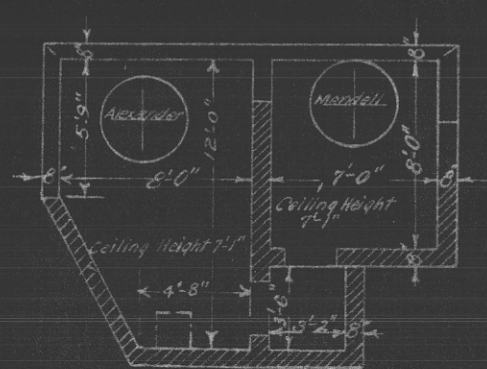
Heights above concealment ----- : **4.27'** :
 Heights above protection ----- : **4.27'** :
 Conspicuous at 1500 yards ----- : **from sea.** :
 Source of electric current ----- : **S.L. #14 power plant.** :
 Kilowatts required ----- : **.24 k.w.** :
 Type of lighting fixtures ----- : **W.T. fixtures & arm.cable** :
 How heated ----- : **Not heated.** :
 Connected to water mains ----- : **No.** :
 Connected to sewer ----- : **Yes.** :
 Type of latrine ----- : **No latrine.** :
 Permanent or temporary ----- :
 installation ----- : **Permanent.** :
 Present condition ----- : **Good.** :

Reference of site ----- : **80.0** :
 Reference of instrument ----- :
 axis ----- : **73.8 above M.L.L.W.** :
 Type of observing inst. ----- : **Swasey D.P.F. Type "A" II.** :
 Type of plotting board ----- : :
 Type and capacity of crane ----- : :
 Max. dimensions of reel handled ----- : :

Type of data transmission ----- : **Telephone.** :

Date of transfer ----- : **With station.** :
 Cost of data transmission ----- :
 equipment ----- : **Furnished by Sig. Corps.** :
 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 ----- :
 ----- :
 ----- :
 ----- :

B" ALEXANDER & B" MENDELL
FORT BARRY
Scale: - 8" = 1'



Obsolete

HARBOR

~~XXXXX~~ DEFENSES OF SAN FRANCISCO.

FORT....**BARRY**.....

STRUCTURE.....**B³** **MENDELL**.....

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

Form 2. Corrected to NOV 1 1927

Location **On point in front of Fog Signal Point Bonita.**

Date of transfer **June 28, 1917.**

Cost to that date **\$1,311.20.**

Type of construction

(a) Roof **Removable wooden roof.**

(b) Remainder of bldg. **Concrete.**

How concealed **Rock parapet.**

How protected **Rock parapet.**

Heights above concealment **4.27'**

Heights above protection **4.27'**

Conspicuous at **1500** yards **from sea.**

Source of electric current **S.L.#14 Power plant.**

Kilowatts required **.18 k.w.**

Type of lighting fixtures **W.T. fixtures and arm cable.**

How heated **Not heated.**

Connected to water mains **No.**

Connected to sewer **Yes.**

Type of latrine **No latrine.**

Permanent or temporary installation **Permanent.**

Present condition **Good.**

Reference of site **75.0**

Reference of instrument axis **73.8 above M.L.L.W.**

Type of observing inst. **Swasey D.P.F. Type A.**

Type of plotting board

Type and capacity of crane

Max. dimensions of reel handled

Type of data transmission **Telephone.**

Date of transfer **With station.**

Cost of data transmission equipment **Unavailable; furnished by Sig. Corps.**

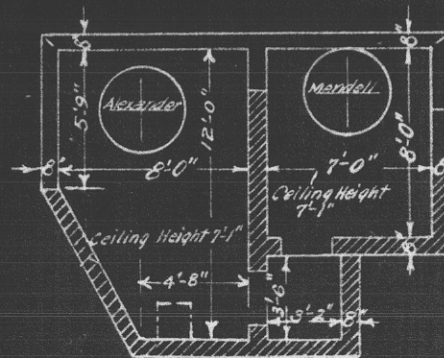
For tide stations give description of tide gauge

For datum points give Forts from which visible

For dormitories give stations served

For cable hut give S.C.Type

B³ ALEXANDER & B³ MENDELL
FORT BARRY
Scale: - 8" = 1'



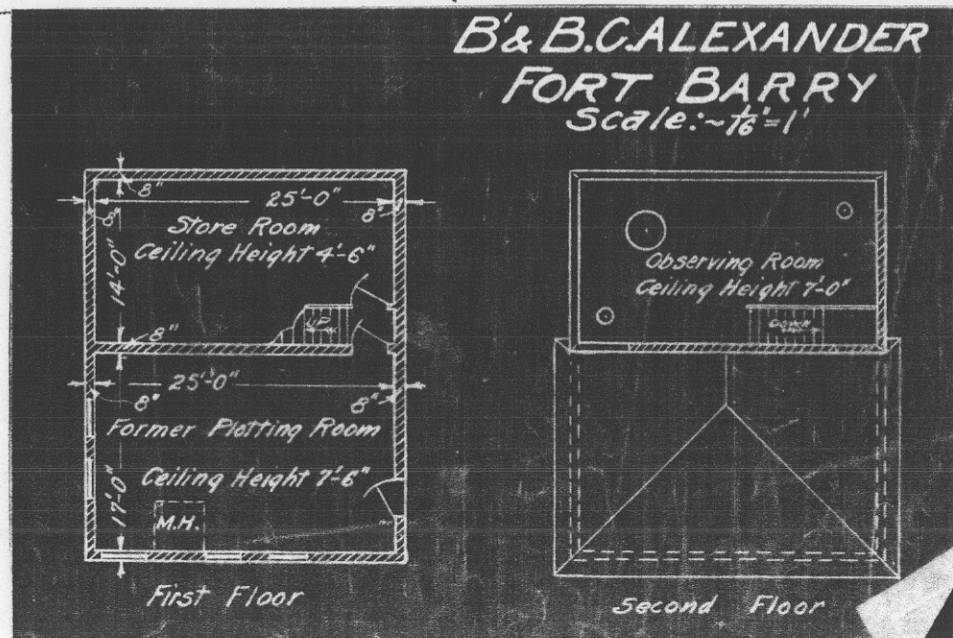
REPORT OF COMPLETED WORKS -- SEACOAST FORTIFICATIONS.
(Fire control or Torpedo Structures)

HARBOR
~~COAST~~ DEFENSES OF SAN FRANCISCO.
FORT. BARRY.
STRUCTURE ~~B&B~~: ALEXANDER.

Form 2. Corrected to NOV 1 1927

92

Location	On hill 710 ft. to left of Emplacement #2, Battery Mendell.	Type of data transmission	Telephone.
Date of transfer	November 11, 1910.	Date of transfer)
Cost to that date	\$9,860.00.	Cost of data transmission)
Type of construction		equipment	) Installed by Sig. Corps.
(a) Roof	Wood, tar and gravel.	For tide stations give description of tide gauge	
(b) Remainder of bldg.	Concrete.	For datum points give Forts from which visible	
How concealed	Earth parapet.	For dormitories give stations served	
How protected	Earth parapet.	For cable hut give S.C. Type	
Heights above concealment	5'.		
Heights above protection	5'.		
Conspicuous at	1500 yards from sea.		
Source of electric current	Battery Mendell plant.		
Kilowatts required	1.2 k.w.		
Type of lighting fixtures	Porc. fixtures, K & B wiring.		
How heated	Not heated.		
Connected to water mains	Yes.		
Connected to sewer	Yes.		
Type of latrine	No latrine.		
Permanent or temporary installation	Permanent.		
Present condition	Good.		
Reference of site	274.0		
Reference of instrument axis	269.8		
Type of observing inst.	Swasey D.P.F., Type A II, and Azimuth inst.		
Type of plotting board			
Type and capacity of crane			
Max. dimensions of reel handled			



Proposed G2 Sta.

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

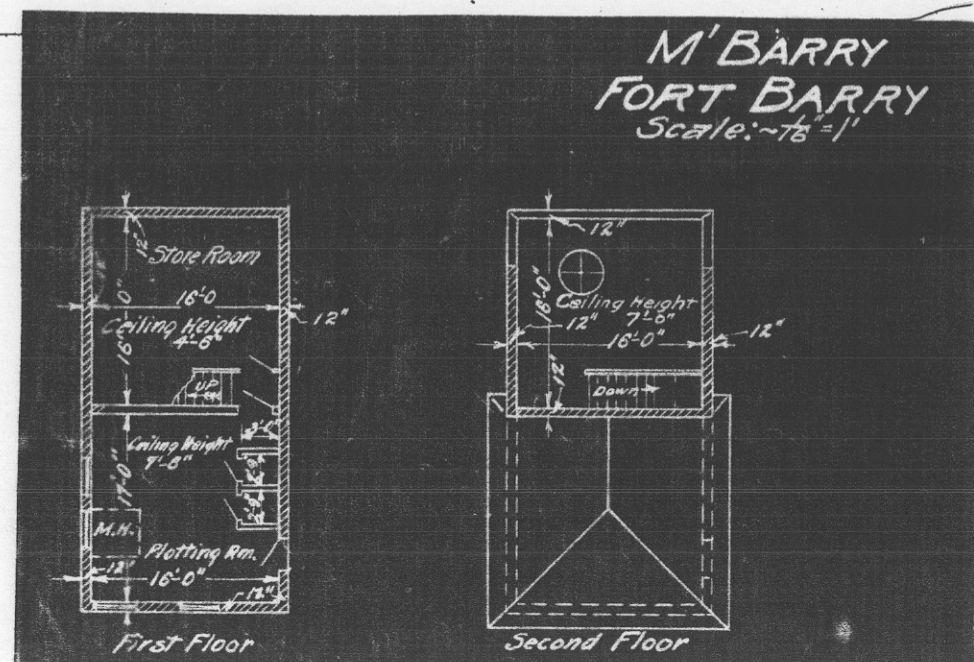
HARBOR DEFENSES OF SAN FRANCISCO.
FORT BARRY
STRUCTURE ~~M. BARRY.~~

M1 - PM1

Form 2. Connected to NOV 1 1927

Location	In hill 785 ft. to left of Emp. #2, Baty. Mendell	Type of data transmission	Telephone
Date of transfer	November 11, 1910.	Date of transfer)
Cost to that date	\$6,816.00.	Cost of data transmission)
Type of construction		equipment)
(a) Roof	Wood, tar and gravel.	For tide stations give description of tide gauge	Installed by Sig. Corps.
(b) Remainder of bldg.	Concrete.	For datum points give Forts from which visible	
How concealed	Earth parapet.	For dormitories give stations served	
How protected	Earth parapet.	For cable hut give S-C-Type	
Heights above concealment	6'		
Heights above protection	6'		
Conspicuous at	1500 yards from sea.		
Source of electric current	Battery Mendell Plant.		
Kilowatts required	.9 k.w.		
Type of lighting fixtures	Porc. keyless sockets, K. & B. Wiring.		
How heated	Not heated.		
Connected to water mains	Yes.		
Connected to sewer	Yes.		
Type of latrine	No latrine.		
Permanent or temporary installation	Permanent.		
Present condition	Good.		
Reference of site	266.0		
Reference of instrument axis	261.8 above M.L.L.W.		
Type of observing inst.	Swasey D.P.F. Type A II.		
Type of plotting board	Submarine plotting board.		
Type and capacity of crane			
Max. dimensions of reel handled			

MB
PC
C1



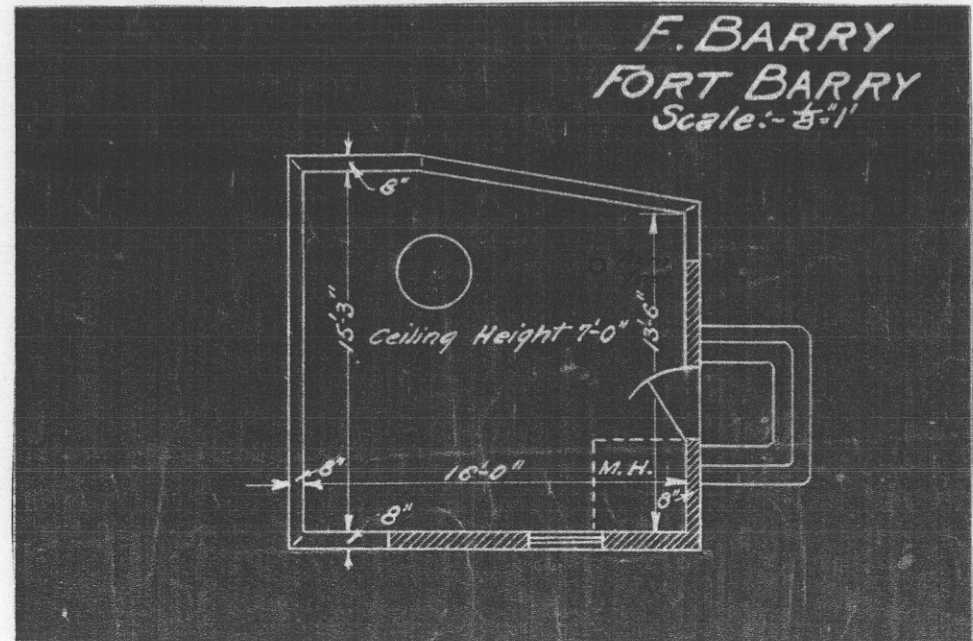
REPORT OF COMPLETED WORKS -- SEACOAST FORTIFICATIONS.
(Fire control or Torpedo Structures)

HARBOR
~~XXXXXX~~ DEFENSES OF SAN FRANCISCO.
FORT. BARRY.
STRUCTURE. ~~F. BARRY.~~

Form 2. Corrected to NOV 1 1927

C1

Location	: On hill 650 ft. to left of Emp. #2, Battery Mendell.	Type of data transmission	: Telephone.
Date of transfer	: Nov. 11, 1910.	Date of transfer	:)
Cost to that date	: \$2,425.00	Cost of data transmission equipment	:) Installed by Sig. Corps.
Type of construction	:		:)
(a) Roof	: Wood, tar and gravel.	For tide stations give description of tide gauge	:
(b) Remainder of bldg.	: Concrete.	For datum points give Forts from which visible	:
How concealed	: Earth parapet.	For dormitories give stations served	:
How protected	: Earth parapet.	For cable hut give S.C. Type	:
Heights above concealment	: 5'		:
Heights above protection	: 5'		:
Conspicuous at 1500 yards	: from sea.		:
Source of electric current	: Battery Mendell Plant.		:
Kilowatts required	: 3. k.w.		:
Type of lighting fixtures	: Porc. sockets, K & B wiring.		:
How heated	: Not heated.		:
Connected to water mains	: Yes.		:
Connected to sewer	: Yes.		:
Type of latrine	: No latrine.		:
Permanent or temporary installation	: Permanent.		:
Present condition	: Good.		:
Reference of site	: 272.0		:
Reference of instrument axis	: 277.7 above M.L.L.W.		:
Type of observing inst.	: D.P.F. A II, and azimuth instrument.		:
Type of plotting board	:		:
Type and capacity of crane	:		:
Max. dimensions of reel handled	:		:



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

HARBOR

~~XXXXX~~ DEFENSES OF SAN FRANCISCO.

FORT. BARRY.....

STRUCTURE. ~~E. WALLACE.~~.....

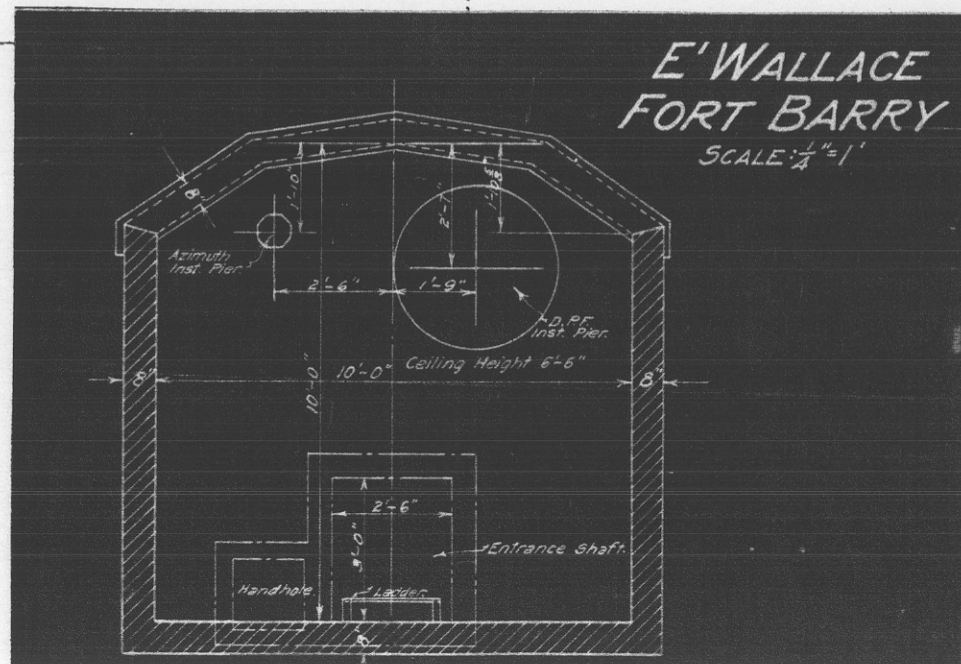
Form 2.

Corrected to NOV 1 1927

B. S. Wallace

(E6)

Location	Rodeo Hill.	Type of data transmission	Telephone.
Date of transfer	June 24, 1921.	Date of transfer	With station.
Cost to that date	\$1,564.62	Cost of data transmission equipment	Supplied 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.	do.	For dormitories give stations served	
How concealed	Earth.	For cable hut give S.C. Type	
How protected	Earth.		
Heights above concealment	0: observing slot in face of bluff.		
Heights above protection	3'-0".		
Conspicuous at 600 yards	At sea.		
Source of electric current	Power plant Battery Wallace.		
Kilowatts required	18-k.w.		
Type of lighting fixtures	Arm. cable & stand. W.T. Fix.		
How heated	Not heated.		
Connected to water mains	No.		
Connected to sewer	Drained to slope.		
Type of latrine	None.		
Permanent or temporary installation	Permanent.		
Present condition	Good.		
Reference of site	358.5 above M.L.L.W.		
Reference of instrument axis	358.34 " " "		
Type of observing inst.	Lewis D.P.F. 1907, Class C.M.		
Type of plotting board			
Type and capacity of crane			
Max. dimensions of reel handled			



obsolete

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

COAST DEFENSES OF SAN FRANCISCO.

FORT. BARRY.

STRUCTURE. B^{IV}. ALEXANDER.

1920

Form 2.

Corrected to MARCH 1, 1920

①

Location : On Light House Wharf near Point Bonita.

Date of transfer : Nov. 11, 1910.

Cost to that date : \$ 340.00

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

How concealed : Not concealed.

How protected : Not protected.

Heights above ~~wharf~~ : 8 feet.

Heights above protection : 8 feet.

Conspicuous at 2000 yards : from sea.

Source of electric current : Not connected to power plant.

Kilowatts required : .12 k.w.

Type of lighting fixtures : Porc. fixtures, k. & wiring

How heated : Not heated.

Connected to water mains : No.

Connected to sewer : No.

Type of latrine : No latrine.

Permanent or temporary installation : Permanent.

Present condition : Good.

Reference of site : 30.68

Reference of instrument axis : 35.9 above M.L.L.W.

Type of observing inst. : *

Type of plotting board :

Type and capacity of crane :

Max. dimensions of vessel handled :

Type of data transmission : Telephone.

Date of transfer :

Cost of data transmission equipment :

For tide stations give description of tide gauge :

For datum points give Forts from which visible :

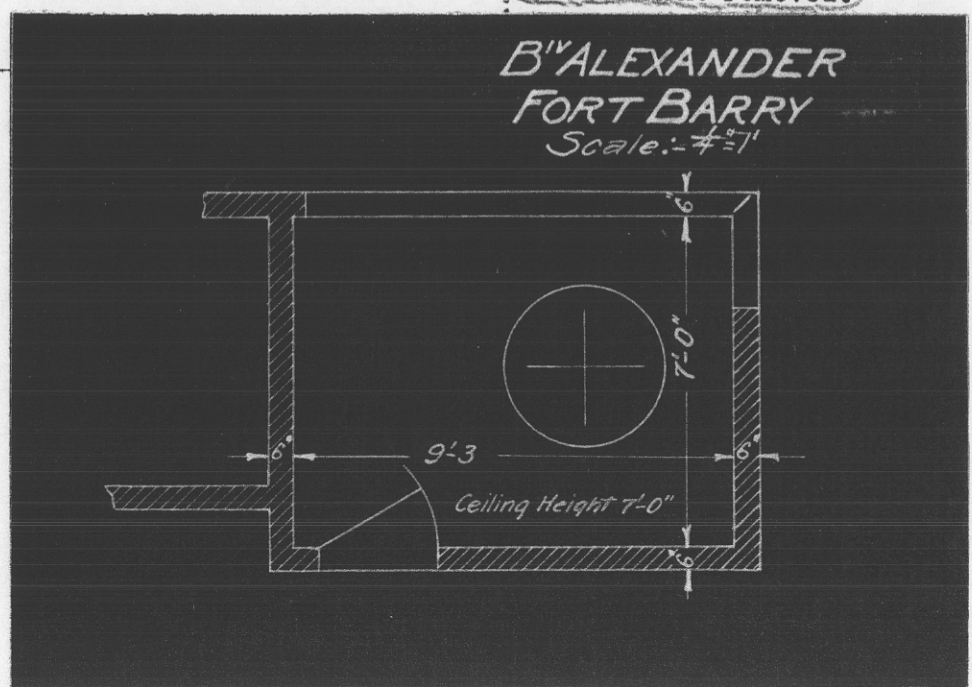
For dormitories give stations served :

For cable hut give 3-C-Type :

① Sec 465 (San Francisco) 122 A.G.O. approves the demolition of this station, as it is no longer required for this H.D. and its removal is desired by the Lighthouse Service.

Installed by Signal Corps.

*Station not in use. Instrument removed.



obsolete

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

COAST DEFENSES OF SAN FRANCISCO.

FORT BARRY.....
STRUCTURE B^V ALEXANDER.....

Form 2.

Corrected to MARCH 1, 1920

Location -----: At water's edge below Battery Rathbone.

Date of transfer -----: November 11, 1910.

Cost to that date -----: \$1,335.00

Type of construction -----:

(a) Roof -----: Concrete.

(b) Remainder of bldg. -----: Concrete.

How concealed -----: Earth parapet.

How protected -----: Earth parapet.

Heights above concealment -----: 3.6

Heights above protection -----: 3.6

Conspicuous at 1000 yards -----: from sea.

Source of electric current -----: Not connected to power plant.

Kilowatts required -----: .12 k.w.

Type of lighting fixtures -----: w.t. fixtures and iron conduit.

How heated -----: Not heated.

Connected to water mains -----: No.

Connected to ~~sewer~~ drains -----: Yes.

Type of latrine -----: No latrine.

Permanent or temporary installation -----: Permanent.

Present condition -----: Good.

Reference of site -----: 48.0

Reference of instrument axis -----: 49.9

Type of observing inst. -----: Lewis d.p.f. model 1898.

Type of plotting board -----:

Type and capacity of crane -----:

Max. dimensions of reel handled -----:

Type of data transmission -----: Telephone.

Date of transfer -----:

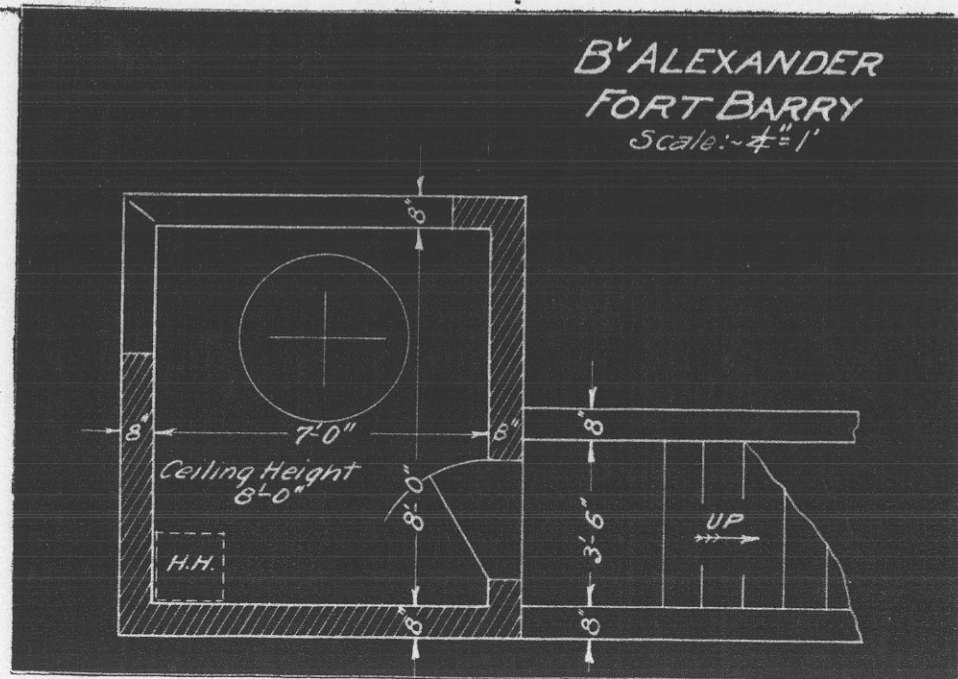
Cost of data transmission equipment -----: Installed by Sig. Corps.

For tide stations give description of tide gauge -----:

For datum points give Forts from which visible -----:

For dormitories give stations served -----:

For cable hut give S.C. Type -----:



Proposed Barry Gpmt.
 Obsolete

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

COAST DEFENSES OF SAN FRANCISCO.
 FORT. BARRY.
 STRUCTURE.. B' MENDELL.

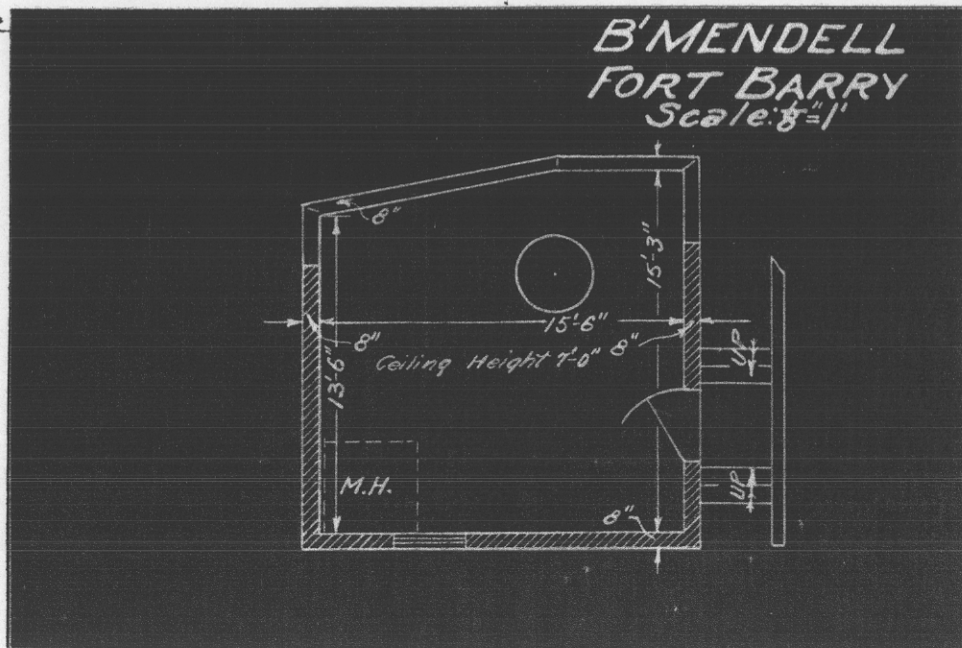
Form 2.

1980

Connected to MARCH 1, 1910

85
62

Location	On hill 620 ft. to left of Emp. #2, Battery Mendell.	Type of data transmission	Telephone.
Date of transfer	November 11, 1910.	Date of transfer	
Cost to that date	\$2,425.00	Cost of data transmission equipment	
Type of construction			Installed by Sig. Corps.
(a) Roof	Wood, tar and gravel.	For tide stations give description of tide gauge	
(b) Remainder of bldg.	Concrete.	For datum points give Forts from which visible	
How concealed	Earth parapet.	For dormitories give stations served	
How protected	Earth parapet.	For cable hut give S.C. Type	
Heights above concealment	5.1		
Heights above protection	5.1		
Conspicuous at 1500 yards	from sea.		
Source of electric current	Baty Mendell plant.		
Kilowatts required	.36 k.w.		
Type of lighting fixtures	Porc. fixtures, k & B wiring.		
How heated	Not heated.		
Connected to water mains	Yes.		
Connected to sewer	Yes.		
Type of latrine	No latrine.		
Permanent or temporary installation	Permanent.		
Present condition	Good.		
Reference of site	274.0		
Reference of instrument axis	277.7 above M.L.L.W.		
Type of observing inst.	Lewis D.P.F., Mod. 1907.		
Type of plotting board			
Type and capacity of crane			
Max. dimensions of reel handled			



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

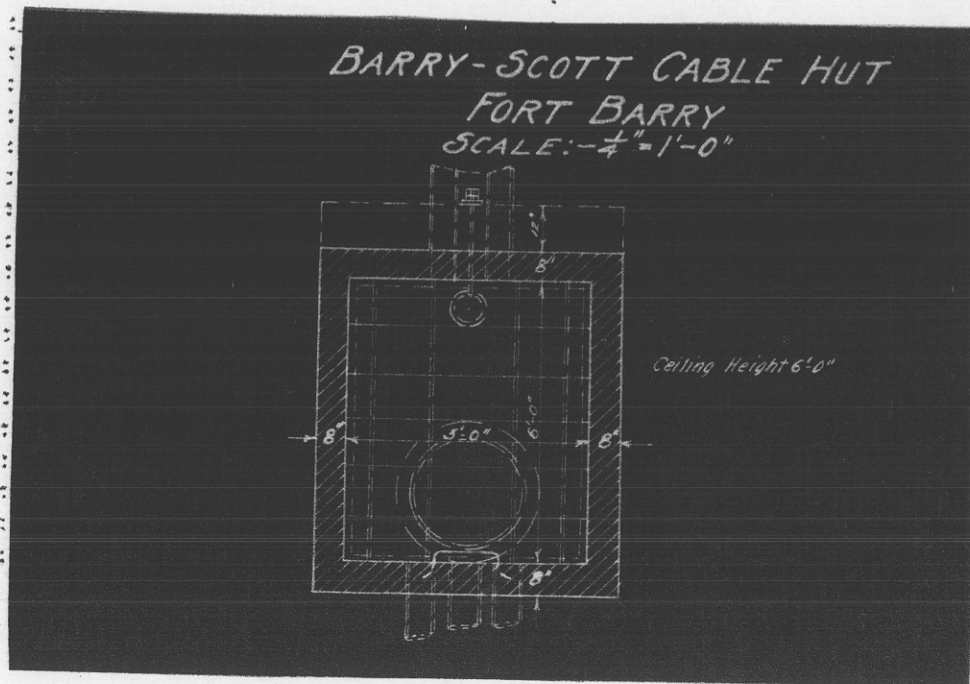
COAST DEFENSES OF SAN FRANCISCO.
FORT. BARRY.....
STRUCTURE. CABLE TERMINAL.....

1920

Form 2.

Corrected to MARCH 1, 1920

Location -----	At water's edge near approach to Barry wharf	Type of data transmission -----	:
Date of transfer -----	Nov. 11, 1910.	Date of transfer -----	:
Cost to that date -----	\$3,000. incl. trenching.	Cost of data transmission -----	:
Type of construction -----		equipment -----	:
(a) Roof -----	---	For tide stations give description of tide gauge -----	:
(b) Remainder of bldg. -----	Concrete.	For datum points give Forts from which visible -----	:
How concealed -----	By earth fill.	For dormitories give stations served -----	:
How protected -----	By earth fill.	For cable hut give S.C. Type -----	:
Heights above concealment -----	Not above concealment.	M.H. Type A. -----	:
Heights above protection -----	Not above protection.		:
Conspicuous at ----- yards -----	Not conspicuous.		:
Source of electric current -----	No current required.		:
Kilowatts required -----	none.		:
Type of lighting fixtures -----	---		:
How heated -----	---		:
Connected to water mains -----	---		:
Connected to sewer drain -----	Yes.		:
Type of latrine -----	---		:
Permanent or temporary installation -----	Permanent.		:
Present condition -----	Good.		:
Reference of site -----	22.		:
Reference of instrument axis -----			:
Type of observing inst. -----			:
Type of plotting board -----			:
Type and capacity of crane -----			:
Max. dimensions of reel handled -----			:



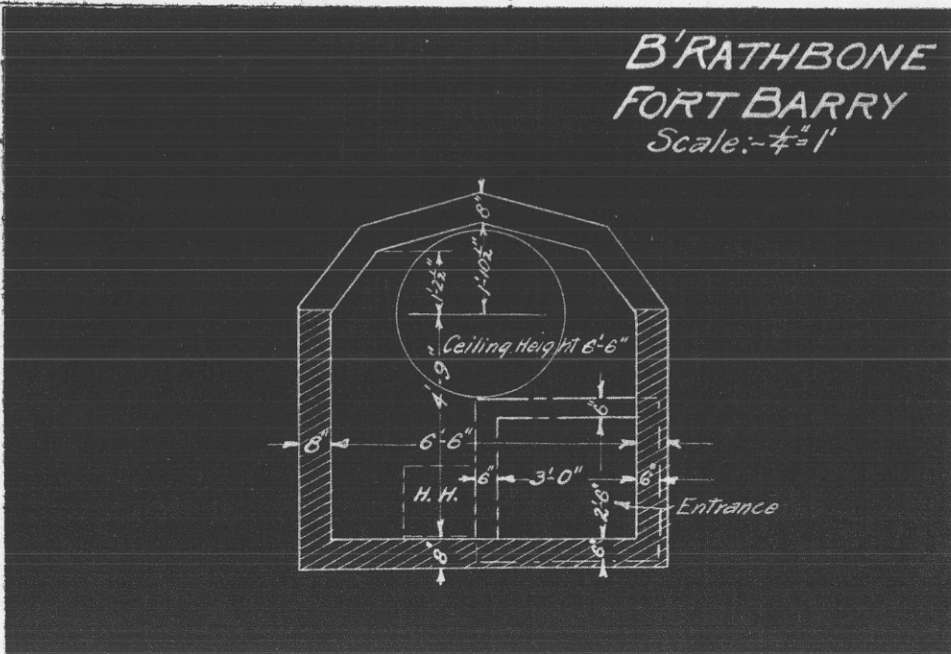
REPORT OF COMPLETED WORKS -- SEACOAST FORTIFICATIONS.
(Fire control or Torpedo Structures)

COAST DEFENSES OF SAN FRANCISCO.
FORT. BARRY.
STRUCTURE. B¹. RATHBONE.

Form 2.

MAR 1 - 1920
Corrected to ~~71 1919~~

Location	About 550' west of Gun #1, Battery Rathbone.	Type of data transmission	Telephone.
Date of transfer	April 25, 1919.	Date of transfer	April 25, 1919.
Cost to that date	\$1178.66	Cost of data transmission equipment	Supplied by S. C.
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.	Concrete.	For dormitories give stations served	
How concealed	By irregular rock slopes.	For cable hut give S.C.-Type	
How protected	Concrete wall and roof.		
Heights above concealment	2.75		
Heights above protection	2.75		
Conspicuous at - - yards	inconspicuous from sea.		
Source of electric current	Emp. Power Plant, Baty Rathbone.		
Kilowatts required	.12		
Type of lighting fixtures	Standard w.t.fix. 1.A. Cable.		
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	346.0		
Reference of instrument axis	342.0		
Type of observing inst.	Lewis Depression Position		
Type of plotting board	finder, Mod. 1907, Class D.		
Type and capacity of crane			
Max. dimensions of reel handled			



600,914 (San Fran) CM 72312

SECRET

SPEKM-1

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
FIRE CONTROL STATION (MINES)

HARBOR DEFENSES OF SAN FRANCISCO
FORT Barry, Calif.
STRUCTURE. M2 Mine Station

PART II Corrected to October 1943

STRUCTURE:

Location (by coordinates) x... 122° 31' 53.846" y... 37° 49' 20.178"

Location (by site description) Near Batt. Mendell

Date of transfer... 30 November 1943.

Cost to that date... \$ 3292.15

Type (for observing stat.--tower, dug-in, cottages, etc.)... Dug-in

Type of construction...

(a) Roof Reinforced concrete with steel dome

(b) Remainder of bldg. Reinforced concrete

How concealed Camouflage & backfill

How protected Backfill & 2" thick steel dome

Height above concealment Not above concealment

Height above protection Not above protection

Conspicuous at 200 yards. Not conspicuous from sea.

INSTRUMENTS & EQUIPMENT:

Type of observing inst. Installed by others.

Type of plotting board

DATA TRANSMISSION: (Installed by Signal Corps)

Type

Date of transfer

TIDE STATION:

Give description of tide gauge

UTILITIES:

Electric Power Yes

Source of Post Power thru Batt. Mendell Swb'd.

Characteristics: Voltage 120 Ac or Dc. Phase single

Kilowatts required... 0.3

Type of lighting fixtures... CSF-1

Heat

How heated Not heated

Water Sewer

Connected to water mains... No

Connected to sewer... No

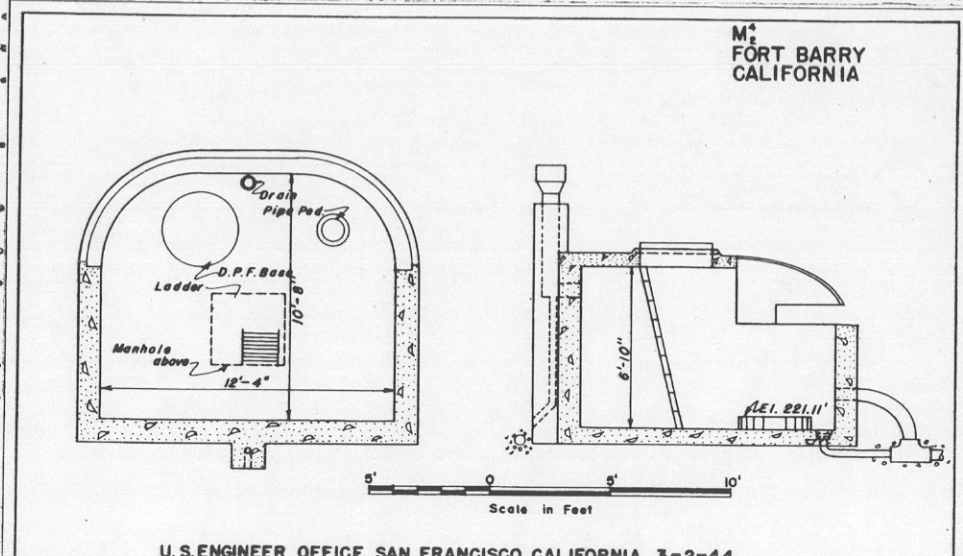
Type latrine None

REFERENCE:

Reference of site... 225 (MLLW = 0.00)

Reference of instrument axis

Elev. inst. Pedestal 221.11



ED Form A-162B
16 Sept. 1943

SEC

600.914(SD) 104584

SECRET

SPKCM-1

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
FIRE CONTROL STATION (MINES)

HARBOR DEFENSES OF SAN FRANCISCO
FORT BARRY, CALIFORNIA
STRUCTURE **M⁴ MINE STATION**

PART II Corrected to July 1944

104548

STRUCTURE: x $122^{\circ} 31' 53.846''$
 Location (by coordinates) y. $37^{\circ} 49' 20.178''$
 Location (by site description) **Near Batt. Mendell**
 Date of transfer... **30 November 1943***
 Cost to that date... **\$3,292.15**
 Type (for observing stat.--tower, dug-in, cottages, etc.)... **dug-in**
 Type of construction.....
 (a) Roof **Reinforced concrete with steel dome.**
 (b) Remainder of bldg **Reinforced concrete**
 How concealed **Camouflage and backfill.**
 How protected **Backfill & 2" thick steel dome.**
 Height above concealment **Not above concealment**
 Height above protection **Not above protection**
 Conspicuous at **200**.....yards **not conspicuous from sea.**

INSTRUMENTS & EQUIPMENT:
 Type of observing inst. **INSTALLED BY OTHERS**
 Type of plotting board

DATA TRANSMISSION:
 Type **(INSTALLED BY SIGNAL CORPS)**
 Date of transfer

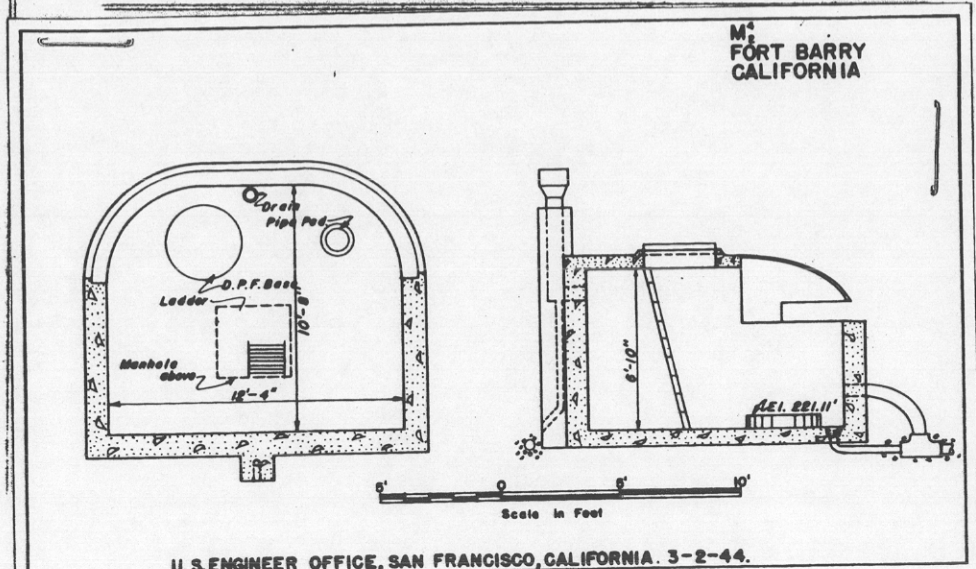
TIDE STATION:
 Give description of tide gauge

*See reverse side for remarks and statement of work accomplished in 1944.

UTILITIES:
 Electric Power **Yes**
 Source of **Post power through Batt. Mendell sub'd.**
 Characteristics: Voltage **120** Ac ~~xxxx~~ Phase **Single**
 Kilowatts required... **0.3**
 Type of lighting fixtures. **CSP-1**
 Heat
 How heated .. **Not heated**
 Water Sewer
 Connected to water mains... **No**
 Connected to sewer... **No**
 Type latrine .. **None**

REFERENCE:
 Reference of site... **225 (MLIN--0.00)**
 Reference of instrument axis.....
 Elev. inst. pedestal **221.11**

ED Form A-162B
16 Sept. 1943



SECRET

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

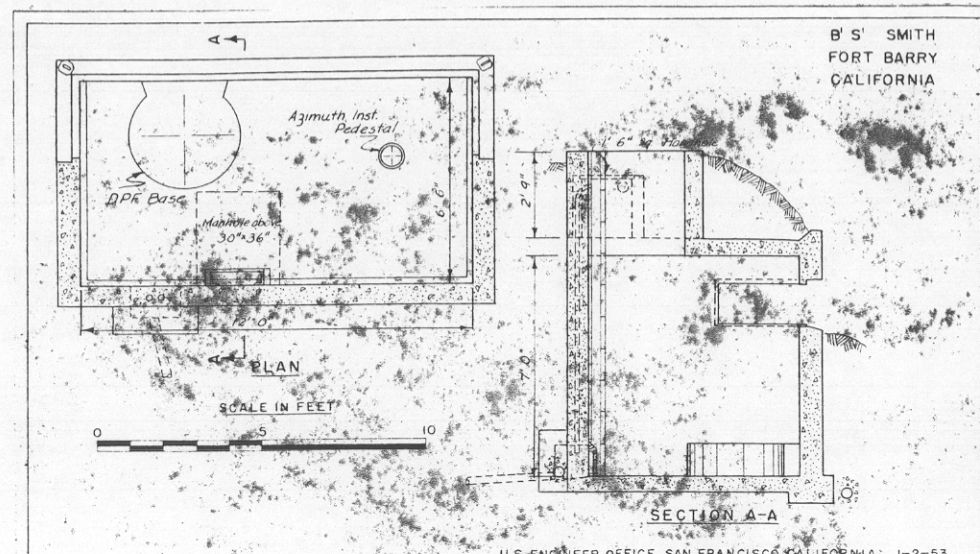
COAST DEFENSES OF San Francisco

Form 2.

Corrected to November 14, 1941

FORT BARRY, CALIFORNIA
 STRUCTURE B¹ S¹ Smith

STRUCTURE	:	:	TYPE OF DATA TRANSMISSION	:
Location	:	:	Type of transmission equipment	:
Date of transfer	:	:	Telephone (installed by	:
Cost to that date	:	:	Signal Corps)	:
Type of construction	:	:	Date of transfer	:
(a) Roof	:	:	Cost of data transmission	:
(b) Remainder of bldg.	:	:	equipment	:
How concealed	:	:	For tide stations give descrip-	:
How protected	:	:	tion of tide gauge	:
Height above concealment	:	:	For datum points give Forts	:
Height above protection	:	:	from which visible	:
Conspicuous at 1000 yds.	:	:	For dormitories give stations	:
ELECTRIC ENERGY	:	:	served	:
Source of electric current	:	:	For cable hut give S.C. type	:
Kilowatts required	:	:		:
Type of lighting fixtures	:	:		:
	:	:		:
	:	:		:
HEAT	:	:		:
How heated	:	:		:
WATER AND SEWER	:	:		:
Connected to water mains	:	:		:
Connected to sewer	:	:		:
Type of latrine	:	:		:
Perm. or temp. installation	:	:		:
Present condition	:	:		:
REFERENCE	:	:		:
Reference of site	:	:		:
Reference of inst. axis	:	:		:
	:	:		:
Type of observing inst.	:	:		:
Type of plotting board	:	:		:
Type and capacity of crane	:	:		:
Max. dim. of reel handled	:	:		:



600.914(S 2) 104584

SECRET

SPECIAL-1

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

HARBOR DEFENSES OF SAN FRANCISCO
FORT BARRY, CALIFORNIA
STRUCTURE. B'S' SMITH

PART II Corrected to July 1944

104548

STRUCTURE: x. 122° 31' 56.974"
 Location (by coordinates) y. 37° 49' 20.961"
 Location (by site description) Ft. Barry, California
 Date of transfer. 14 November 1941
 Cost to that date. \$2,189.38
 Type (for observing stat.--tower, dug-in, cottages, etc.)
 Type of construction
 (a) Roof. Reinforced concrete
 (b) Remainder of bldg. Reinforced concrete
 How concealed Earth cover and vegetation
 How protected Earth backfill over roof
 Height above concealment Not above concealment
 Height above protection Not above protection
 Conspicuous at 1000 yards. Not conspicuous from sea.

UTILITIES:

Electric Power
 Source of Battery Mendell power plant
 Characteristics: Voltage...Ac or DC..Phase
 Kilowatts required...1.20 KW.
 Type of lighting fixtures. Eng. type standard outlet & armored cable.
 Heat
 How heated not heated
 Water Sewer
 Connected to water mains. no
 Connected to sewer. no
 Type latrine none

REFERENCE:

Reference of site. 216.75 MLLM
 Reference of instrument axis. 217.15 (0.00 at MLLM)
 Elev. Inst. Pedestal - 212.73

ED Form A-162B
16 Sept. 1943

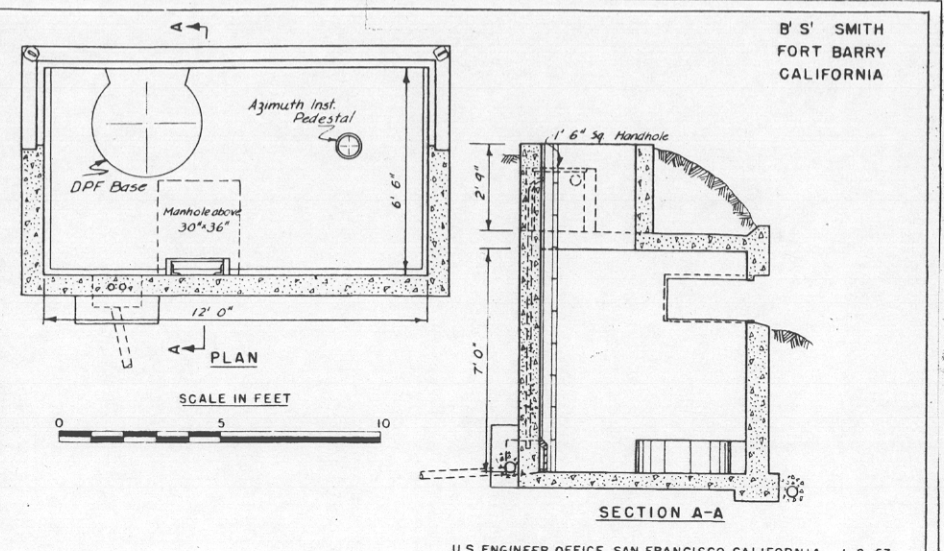
INSTRUMENTS & EQUIPMENT: D.P.F. W1 No.110 Class 3
 Also pier mount installed for Model 1910 Azimuth instrument
 Type of observing inst. none
 Type of plotting board none

DATA TRANSMISSION: Telephones (installed by Signal Corps)
 Type
 Date of transfer

TIDE STATION:
 Give description of tide gauge

Permanent or Temporary Installation - Permanent.
 Present Condition - Good.

* See reverse side for Statement of Work Accomplished in 1944.



SECRET

11833

Work Accomplished in 1944.

Post power supplied this station from transformer in M.R. near Mine Casemate thru switchboard and 60 A. switch in power room, Battery Mendell.

Standby power furnished this station by one 3 KVA generator installed in power room, Battery Mendell, under this job number.

Item 2 - #12 direct burial cable from "Tee" splice box adjacent to $6^2 \times 2^2$ Chamberlin, spliced to existing service wires for this station.

1 - panel, Crouse Hinds Co. Cat. (CWP) 40-1-33-20X installed.

New wiring in station accomplished using #14 B.L. in 3/4" BMT.

Type CWP-1 light fixture installed.

Standby power and post power . . Voltage - 120; Phase - single.

Kilowatts required - 0.3.

(See Report of Completed Works, Part II (Modified) for power room, Battery Mendell, showing new service cable, switching instructions and other information pertinent to the installation of standby generator)

Date of transfer of this work - 31 July 1944

Cost to date of transfer of this work, including cable and trenching between $6^2 \times 2^2$ Chamberlin and this station - \$396.22.

This is a portion of Job No. SF PS-21, Mr. Cons. PS 1254.

OFFICE DIVISION
PACIFIC DIVISION
AUG 22 1944 - 11 05 AM
SAN FRANCISCO, CALIFORNIA

3587

10422

600.914(S2) 104584

SECRET

SPEKW-1

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

HARBOR DEFENSES OF SAN FRANCISCO
FORT BARRY, CALIFORNIA
STRUCTURE *B2S2 CHAMBERLAIN at Scott*

PART II Corrected to July 1944

STRUCTURE: *122° 31' 54.989"*
 Location (by coordinates) x... *37° 49' 20.626"*
 Location (by site description) y... *Pt. Barry, California*
 Date of transfer... *14 November 1941**
 Cost to that date... *\$2,950.00*
 Type (for observing stat.--tower, dug-in, cottages, etc.)
 Type of construction *reinforced concrete and steel dome*
 (a) Roof *reinforced concrete*
 (b) Remainder of bldg *earth cover, vert. & camouflaged dome*
 How concealed *earth backfill & 1" thick steel dome*
 How protected *Not above concealment*
 Height above concealment *Not above protection*
 Height above protection *400*
 Conspicuous at *Not conspicuous from sea* yards

UTILITIES:
 Electric Power *none*
 Source of *none*
 Characteristics: Voltage *Ac or DC* Phase
 Kilowatts required
 Type of lighting fixtures
 Heat
 How heated *not heated*
 Water Sewer
 Connected to water mains *no*
 Connected to sewer *no*
 Type latrine *none*

REFERENCE:
 Reference of site... *229.00' MLLW*
 Reference of instrument axis
 Elev. of Inst. Pedestal - *224.50' MLLW*

INSTRUMENTS & EQUIPMENT:
 Type of observing inst.
 Type of plotting board

D.P.F. Lewis M 1907 Class CM No. 104, Also pier mount for Model 1910 Azimuth Instrument. none

DATA TRANSMISSION: *Telephones (installed by Signal Corps)*
 Type
 Date of transfer

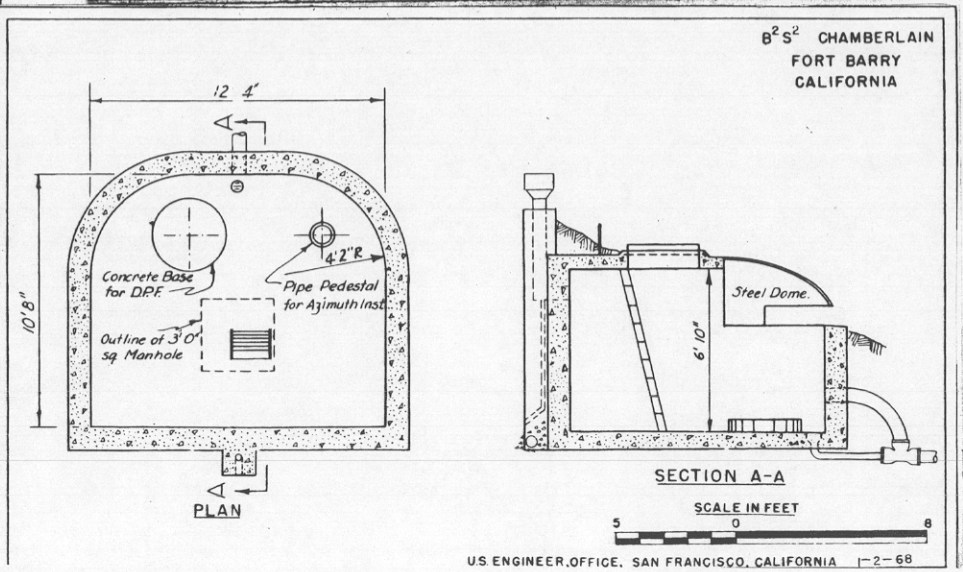
TIDE STATION:
 Give description of tide gauge

Permanent or temporary installation - permanent.
 Present condition - new.

* See reverse side for statement of work accomplished in 1944.

ED Form A-162B
16 Sept. 1943

SECRET



Work Accomplished in 1944

Post power supplied this station from transformer in H.H. near Mine Cascade, thru switchboard and 60 A. switch in power room, Battery Mendell.

Standby power furnished this station by one 3 KW generator installed in power room, Battery Mendell, under this job number.

Two 2 - #2 direct burial cable to panel in this station spliced to existing cable from Battery Mendell in H.H. near #2 station.

1 - Panel, Grouse Minks Co. Cat. #DVS 46-1-33-2N installed.

Station wired with #14 BL in 3/4" EMT.

Type CBF-1 light fixture installed.

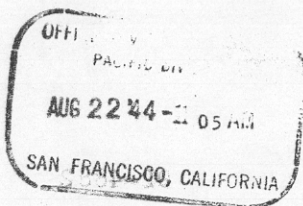
Standby power and post power - voltage, 120; phase - single.

Kilowatts required - 0.3.

(See Report of Completed Works, Part II (Modified) for power room, Battery Mendell, showing new service cable, switching instructions, and other information pertinent to the installation of standby generator.)

Date of transfer of this work - 31 July 1944

Cost to date of transfer of this work, including cables and trenching between #2 (Mines) and this station - \$308.22. This is a portion of Job No. SF 78-21, Dir. Com. 78 1254.



3587

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

COAST DEFENSES OF San Francisco
Fort Barry, California
STRUCTURE B² S² Chamberlain

Form 2. Corrected to November 14, 1941

STRUCTURE	:		:TYPE OF DATA TRANSMISSION	:Telephone (Installed
Location	:	Fort Barry, California	:Type of transmission equipment	: by Signal Corps)
Date of transfer	:	November 14, 1941	:Date of transfer	:
Cost to that date	:	\$2,950.58	:Cost of data transmission	:
Type of construction	:		: equipment	:
(a) Roof	:	Reinforced concrete and steel dome	:For tide stations give descrip-	:
(b) Remainder of bldg.	:	Reinforced concrete	: tion of tide gauge	:
How concealed	:	Earth cover, vegetation and	:For datum points give Forts	:
i protected	:	Earth backfill and 1-inch thick	: from which visible	:
	:	steel dome	:For dormitories give stations	:
Height above concealment	:	Not above concealment	: served	:
Height above protection	:	Not above protection	:For cable hut give S.C. type	:
Conspicuous at 400 yds.	:	Not conspicuous from sea	:	:
ELECTRIC ENERGY	:		:	:
Source of electric current	:	None	:	:
Kilowatts required	:	None	:	:
Type of lighting fixtures	:	None	:	:
HEAT	:		:	:
How heated	:	Not heated	:	:
WATER AND SEWER	:		:	:
Connected to water mains	:	No	:	:
Connected to sewer	:	No	:	:
Type of latrine	:	None	:	:
Perm. or temp. installation:	:	Perm.	:	:
sent condition	:	New	:	:
REFERENCE	:		:	:
Reference of site	:	Lat. 37° 49' 20.626" & Long. 122° 31' 54.989"	:	:
Reference of inst. axis	:	229.00 M.L.L.W.	:	:
Elev. of Inst. Pedestal	:	22450' M.L.L.W.	:	:
Type of observing inst.	:	D.P.F. Lewis M1907 Class CM No. 104	:	:
	:	Also Pier Mount for Model M1910	:	:
	:	Azimuth Instrument	:	:
Type of plotting board	:	None	:	:
Type and capacity of crane	:	None	:	:
Max. dim. of reel handled	:	None	:	:

