

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire control or torpedo structures)

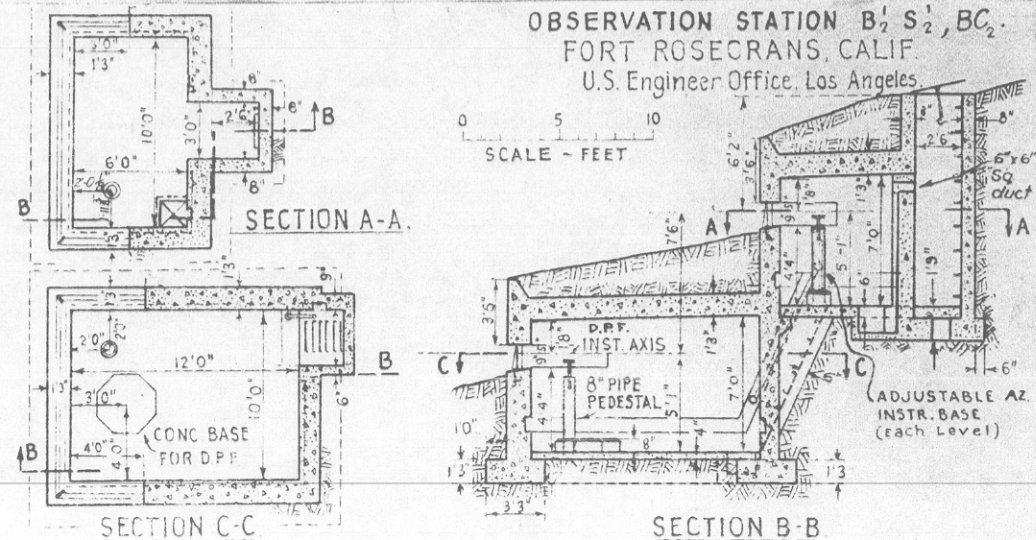
HARBOR DEFENSES OF SAN DIEGO, CALIFORNIA
FORT ROSECRANS
STRUCTURE: OBSERVATION STATION B₂S₂¹ - BC₂

Form 2. Corrected to September 18, 1942.

Strong

STRUCTURE:	:	:	INSTRUMENTS AND EQUIPMENT:	:
Location	:	Approximately 1,650 feet	Type of observing instruments:	One D.P.F. and two azimuth instruments
	:	N. 18° W. of No. 1 gun,		
	:	Battery Strong	Type of plotting board	None
Date of transfer	:	March 20, 1941	DATA TRANSMISSION:	
Cost to that date	:	\$3,086.39	Type of	Signal Corps installation
Type of construction	:		Date of transfer	Not transferred (Signal Corps)
(a) Roof	:	Reinforced concrete	Cost of data transmission	equipment
(b) Remainder of building	:	Reinforced concrete		Cost unknown (Signal Corps)
How concealed	:	Dugout constructed with	REMARKS:	See reverse for revisions
	:	native growth		
How protected	:	Not protected		
Height above concealment	:	5' 0"		
Height above protection	:	5' 0"		
Conspicuous at 400 yards	:			
ELECTRIC CURRENT:	:			
Source of	:	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		
Permanent or temporary inst'n.	:	Permanent		
Present condition	:	Good		
REFERENCE:	:			
Reference of site	:	See note*		
Reference of instrument axis	:	See note*		
Type and capacity of crane	:	None		
Maximum dim. of reel handled	:	None		

* NOTE: B.C. Telescope Pedestal (upper level) coords. = S. 17,896.5; W. 19,817.9. Elev. top of pedestal = 383.06'.
B₂ D.P.F. Conc. Ped. = S. 17,896.7; W. 19,830.3. Elev. of top of conc base = 371.85'. S₂ Azim. Inst. pedestal, (lower level) = S. 17,892.9; W. 19,832.0. Elev. top steel pipe ped. = 374.76'. Rect. coords. refer to U.S.C. & G.S. Sta. "Old Town". Elevs. referred to M.L.L.W. (Ht. of line of collimation of inst. above top of ped. to be added to elev. of top of ped. to obtain true H. I.)



OBSERVATION STATION B₂S₂¹, BC₂.
FORT ROSECRANS, CALIF.
U.S. Engineer Office, Los Angeles.

SCALE - FEET
0 5 10

(ADJUSTABLE AZ. INSTR. BASE (each level))

REVISIONS

This station originally constructed and designated B_{33}^{1S1} - BC_3 (Battery Strong), redesignated in Modernization Program, 1941, as B_{2S2}^{1S1} - BC_2 (Battery Strong).

This report supersedes report of completed works dated August 14, 1942, transmitted with letter dated August 18, 1942.

SEP 21 1942 - 9 10 PM
SAN FRANCISCO, CALIFORNIA
OFFICE, DIVISION ENGINEER
SOUTH PACIFIC DIVISION

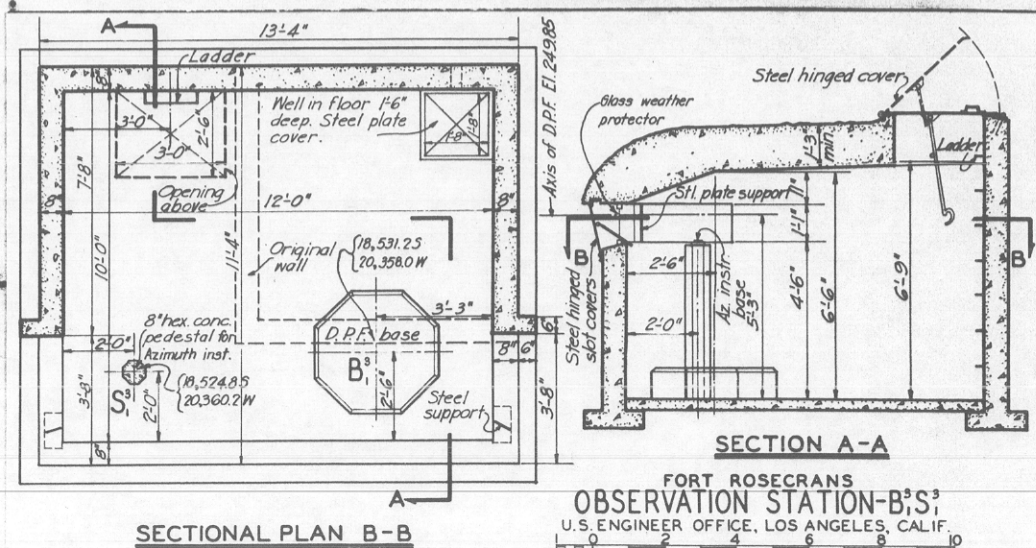
665 (Los Angeles) (confid)

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire control or torpedo structures)

HARBOR DEFENSES OF SAN DIEGO, CALIFORNIA
FORT ROSECRANS
STRUCTURE: OBSERVATION STATION B³S³ 237

Form 2. Corrected to September 11, 1942.

STRUCTURE:	:	:	INSTRUMENTS AND EQUIPMENT:	:
Location	:	: Approx. 1,445 feet NW	Type of observing inst.	:
Date of transfer	:	: #1 gun, Battery Strong	Type of plotting board	:
Cost to that date	:	: Jan. 16, 1920*		:
Type of construction	:	: \$733.59*	DATA TRANSMISSION:	:
(a) Roof	:	: Reinforced concrete	Type of	:
(b) Remainder of building	:	: Reinforced concrete	Date of transfer	:
How concealed	:	: Acid stained and built to conform with terrain	Cost of data transmission equipment	:
How protected	:	: Splinterproof, dugout type construction		:
Height above concealment	:	: 3 feet	REMARKS:	:
Height above protection	:	: 3 feet		:
Conspicuous at 250 yards	:	:		:
ELECTRIC CURRENT:	:	:		:
Source of	:	: None		:
Kilowatts required	:	: None		:
Type of lighting fixtures	:	: Not lighted		:
HEAT:	:	:		:
How heated	:	: Not heated		:
WATER & SEWER:	:	:		:
Connected to water mains	:	: Not connected		:
Connected to sewer	:	: Not connected		:
Type of latrine	:	: None		:
Permanent or temporary inst'n.	:	: Permanent		:
Present condition	:	: Good		:
REFERENCE:	:	:		:
Reference of site	:	: D.P.F. Azimuth inst.		:
	:	: (18,531.2 S 18,524.8 S		:
	:	: (20,358.0 W 20,360.2 W		:
Reference of instrument axis	:	: 249.85		:



REVISIONS

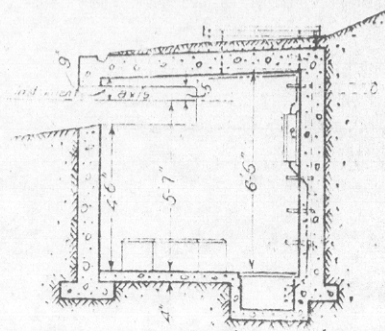
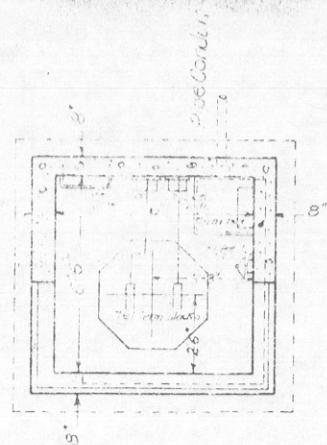
Original structure: 6'6" x 6'6" B₂¹(White), submitted with completion report, January 22, 1920.

Enlarged and splinterproofed for spotting instrument and personnel, August 1940 (B¹S¹ White), cost \$1,137.59.

Now assigned to Battery 237 (modernization program - 1941).

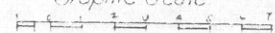
(Not retransferred to Corps of Engineers before reconstruction.)

ORIGINAL STRUCTURE - B₂¹(WHITE)



OFFICE, DISTRICT ENGINEER
SOUTHWEST DIVISION
SEP 14 12-130 PM
SAN FRANCISCO, CALIFORNIA

U.S. Engineer Office, Los Angeles, Cal.
Graphic Scale



665 (San Diego) CM 33860

33860

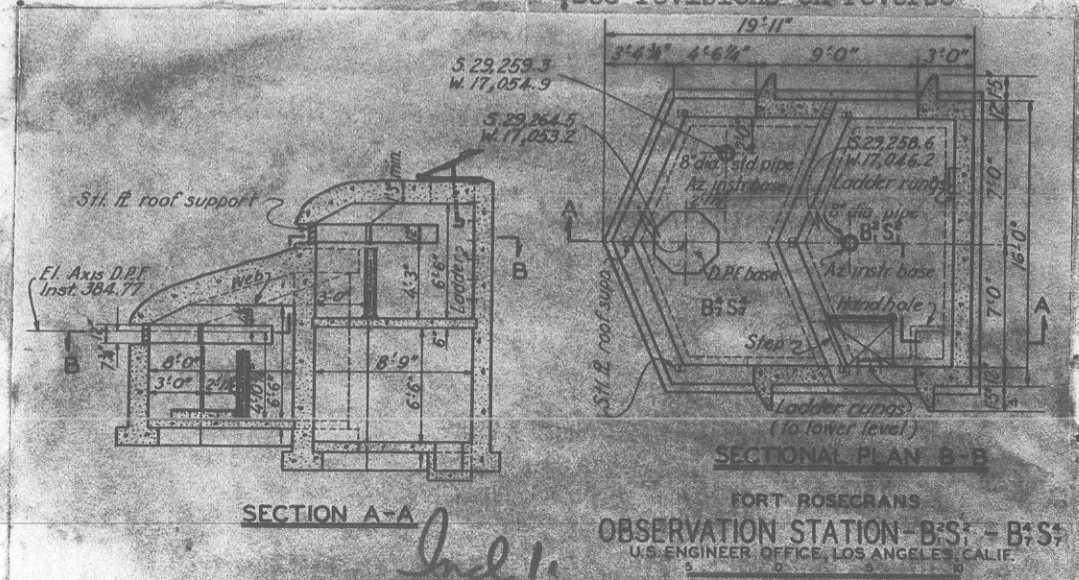
HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS

STRUCTURE: B₁S₁ - B₁S₄
B₁S₁ #237 & B₁S₄ #239

REPORT OF COMPLETION WORKS - SEACOAST FORTIFICATIONS
(Fire control or torpedo structures)

Form 2 Corrected to February 20, 1943

STRUCTURE:	:	INSTRUMENTS AND EQUIPMENT:	:
Location	: Approx. 520', S. 20° W. of old Spanish lighthouse	Type of observing instruments	: 1 D.P.F. in lower level; 1 azimuth in both levels
Date of transfer	: February 1, 1943	Type of plotting board	: None
Cost to that date	: \$2,688.21	DATA TRANSMISSION:	:
Type of construction	: Dugout	Type of	: Unknown (Signal Corps installation)
(a) Roof	: Reinforced concrete	Date of transfer	: Unknown (Signal Corps)
(b) Remainder of building	: Reinforced concrete	Cost of data transmission equip.	: Unknown (Signal Corps installation)
concealed	: Earth cover, native growth and camouflage netting	REMARKS:	: Coordinates:
How protected	: Earth cover, steel plate observation slot covers		: B ₁ - S. 29,264.5; W. 17,053.2
Height above concealment	: 2' 6" at slot openings		: S ₁ - S. 29,259.3; W. 17,054.9
Height above protection	: 2' 6" at slot openings		: B ₁ - S. 29,258.6; W. 17,046.2
Conspicuous at 100 yards	:		: (azimuth instrument)
ELECTRIC CURRENT:	:		: Origin of coordinates is U.S.C. & G.S. station "Old Town."
Source of	: None		: Elevations are in feet above mean lower low water
Kilowatts required	: None		: See revisions on reverse
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		
Permanent or temporary installation	: Permanent		
Present condition	: Good		
REFERENCE:	:		
Reference of site	: Elevation 386.00'		
Reference of instrument axis	: B ₁ (D.P.F.), elevation: 384.77'		
Type and capacity of crane	: None		
Max. dim. of reel handled	: None		



FORT ROSECRANS
OBSERVATION STATION - B₁S₁ - B₁S₄
U.S. ENGINEER OFFICE, LOS ANGELES, CALIF.

SAN FRANCISCO, CALIFORNIA
FEB 25 10:11 AM
OFFICE DIVISION ENGINEER
SOUTH PACIFIC DIVISION

REVISIONS:

1. BC₁ changed to B₁S₁².
2. B₁S₁² changed to B₁S₁⁴.
3. Elev. axis of D.P.F. instrument lower level corrected.
4. Station originally assigned B₁S₁² - BC₁ (Whistler).
5. Reassigned B₁S₁² - B₁S₁⁴, Modernization Program - 1941.
6. This report supersedes report submitted with letter, dated February 9, 1943, subject: "Report of completed works - fire control station B₁S₁², BC₁ (Whistler), Harbor Defenses of San Diego."

665 (San Diego) CM 34443

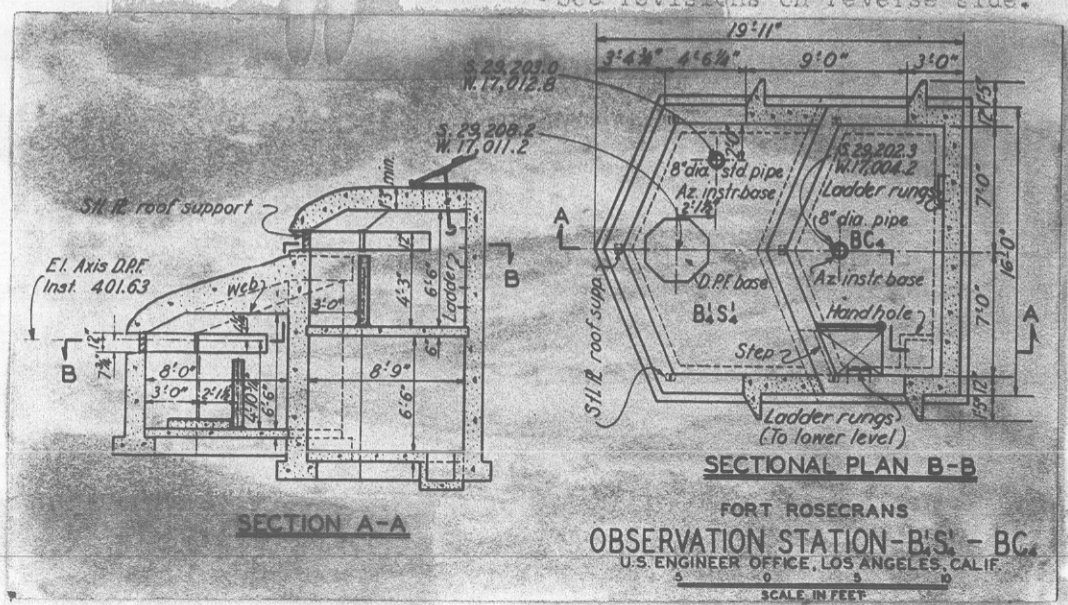
REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire control or torpedo structures)

34443

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE: B₄S₄¹ - BC₄ Humphreys
238

Form 2 Corrected to February 18, 1943

STRUCTURE:	:	INSTRUMENTS AND EQUIPMENT:	:
Location	: Approx. 580', S. 24° W. of old Spanish lighthouse	Type of observing instruments	: 1 D.P.F. in lower level; 1 azimuth instrument in both levels
Date of transfer	: February 1, 1943	Type of plotting board	: None
Cost to that date	: \$2,688.22	DATA TRANSMISSION:	:
Type of construction	: Dugout	Type of	: Unknown (installed by Signal Corps)
(a) Roof	: Reinforced concrete	Date of transfer	: Unknown (Signal Corps)
(b) Remainder of building	: Reinforced concrete	Cost of data transmission equip.	: Unknown (installed by Signal Corps).
How concealed	: Earth cover, native growth and camouflage netting	REMARKS:	: Coordinates:
How protected	: Earth cover, steel plate observation slot covers		: B ₄ S ₄ ¹ - S. 29,208.2; W. 17,011.2
Height above concealment	: 2' 6" at slot openings		: S ₄ ¹ - S. 29,203.0; W. 17,012.8
Height above protection	: 2' 6" at slot openings		: BC ₄ - S. 29,202.3; W. 17,004.2
Conspicuous at 100 yards	:		: (azimuth instrument)
ELECTRIC CURRENT:	:		: Origin of coordinates is U.S.C. & G.S. station "Old Town."
Source of	: None		: Elevations are in feet above m.l.l.w.
Kilowatts required	: None		: See revisions on reverse side.
Type of lighting fixtures	: None		
EAT:	:		
How heated	: Not heated		
WATER AND SEWER:	:		
Connected to water mains	: No		
Connected to sewer	: No		
Type of latrine	: None		
Permanent or temporary installation	: Permanent		
Present condition	: Good		
REFERENCE:	:		
Reference of site	: Elevation: 400.0'		
Reference of instrument axis	: B ₄ S ₄ ¹ (D.P.F.), elevation: 401.63'		
Type and capacity of crane	: None		
Max. dim. of reel handled	: None		



FORT ROSECRANS
OBSERVATION STATION - B₄S₄¹ - BC₄
U.S. ENGINEER OFFICE, LOS ANGELES, CALIF.
SCALE IN FEET

RECD Top 1st P.S. 462/909

OFFICE, DIVISION ENGINEER
SOUTH PACIFIC DIVISION

FEB 26 43-1230 PM

SAN FRANCISCO, CALIFORNIA

Revisions:

Structure originally constructed to serve as B₂S₂²² - BC₂ (Battery White),
reassigned B₄S₄¹ - BC₄ (Battery 238), Modernization Program - 1941.

This report supersedes report submitted with letter, dated February 9,
1943, subject: "Report of completed works, fire control station
B₂S₂²², BC₂ (White) Harbor Defenses of San Diego."

665 (San Diego) CM 32239

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire control or torpedo structures)

32239

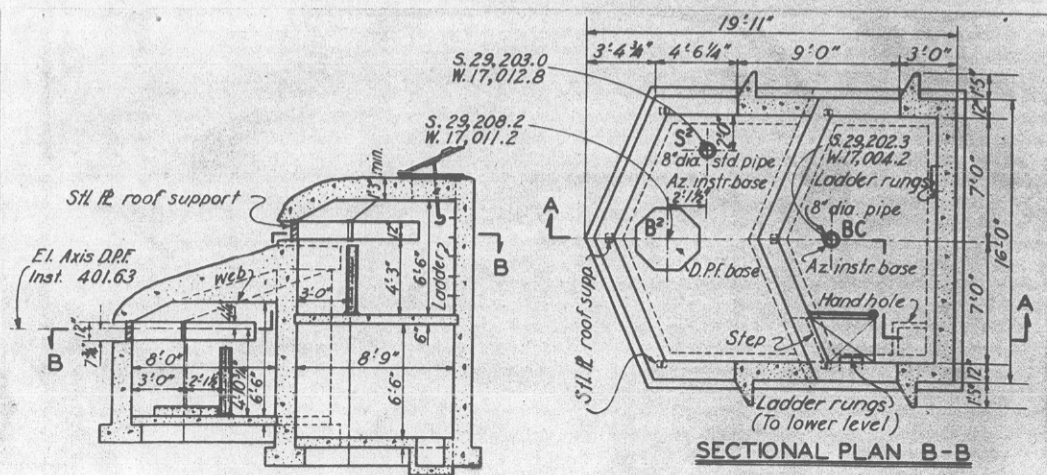
HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE: B₂S₂² - BC₂ (WHITE)

Form 2 Corrected to February 8, 1943

STRUCTURE:
Location : Approx. 580', S. 24° W. of : old Spanish lighthouse
Date of transfer : February 1, 1943
Cost to that date : \$2,688.22.
Type of construction : Dugout
(a) Roof : Reinforced concrete
(b) Remainder of building : Reinforced concrete
How concealed : Earth cover, native growth : and camouflage netting
How protected : Earth cover, steel plate : observation slot covers
Height above concealment : 2' 6" at slot openings
Height above protection : 2' 6" at slot openings
Conspicuous at 100 yards :
ELECTRIC CURRENT :
Source of : 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
Permanent or temporary installation : Permanent
Present condition : Good
REFERENCE :
Reference of site : Elevation: 400.0'
Reference of instrument axis : B₂ (D.P.F.), elevation: 401.63'
Type and capacity of crane : None
Max. dim. of reel handled : None

INSTRUMENTS AND EQUIPMENT:
Type of observing instruments : 1 D.P.F. in lower level; 1 azimuth instrument in both levels
Type of plotting board : None
DATA TRANSMISSION:
Type of : Unknown (installed by Signal Corps)
Date of transfer : Unknown (Signal Corps)
Cost of data transmission equip. : Unknown (installed by Signal Corps)
REMARKS:
Coordinates:
B₂ - S. 29,208.2; W. 17,011.2
S₂ - S. 29,203.0; W. 17,012.8
BC₂ - S. 29,202.3; W. 17,004.2 (azimuth instrument)
Origin of coordinates is U.S.C. & G.S. station "Old Town."
Elevations are in feet above m.l.l.w.

Superseded



See Form 2 corrected to 2/18/43

SECTION A-A

SECTIONAL PLAN B-B

FORT ROSECRANS
OBSERVATION STATION - B₂S₂² & BC₂
U.S. ENGINEER OFFICE, LOS ANGELES, CALIF.

Top 1 - WED - 2-9-43

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire control or torpedo structures)

HARBOR DEFENSES OF SAN DIEGO, CALIFORNIA
FORT ROSECRANS
STRUCTURE: BC STATION - BATTERY PT. LOMA (155 MM.)

Form 2. Corrected to September 21, 1942.

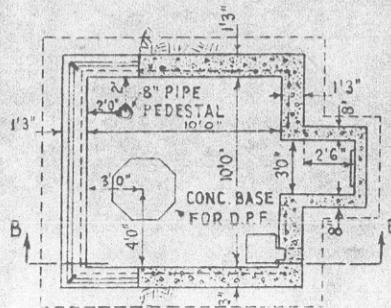
STRUCTURE:	:	:	INSTRUMENTS AND EQUIPMENTS:	:
Location	:	Approximately 1,425' S. 5° E. of Old Spanish Lighthouse	Type of observing instruments	: One D.P.F. and one azimuth instrument
Date of transfer	:	March 20, 1941	Type of plotting board	: None
Cost to that date	:	\$1,543.20	DATA TRANSMISSION:	:
Type of construction	:		Type of	: (Signal Corps)
(a) Roof	:	Reinforced concrete	Date of transfer	: Not transferred (Signal Corps)
(b) Remainder of building	:	Reinforced concrete	Cost of data transmission	: Cost unknown (Signal Corps)
How concealed	:	Dugout construction	equipment	: See reverse for revisions
How protected	:	Not protected	REMARKS:	:
Height above concealment	:	4' 9"		:
Height above protection	:	4' 9"		:
Conspicuous at 400 yards	:			:
ELECTRIC CURRENT:	:			:
Source of	:	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		:
Permanent or temporary inst'n.	:	Permanent		:
Present condition	:	Good		:
REFERENCE:	:			:
Reference of site	:	See note*		:
Reference of instrument axis	:	See note*		:
Type and capacity of crane	:	None		:
Maximum dim. of reel handled	:	None		:

* NOTE:

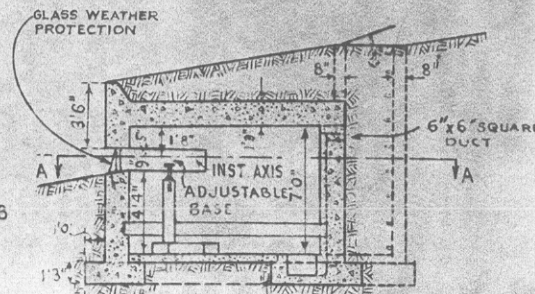
D.P.F. (conc. pedestal) coordinates = S. 30,150.5'; W. 16,755.9'. Elev. top of conc. base = 335.40'. Azim. Inst. pedestal = S. 30,147.8'; W. 16,759.0'. Elev. top steel pipe ped = 338.35'. Rect. coords. refer to U.S.C. & G.S. Station "Old Town," and elevs. to M.L.L.W. (Ht. of line of collimation of inst. above top of ped. to be added to elev. of top of ped. to obtain true H.I.)

OBSERVATION STATION - BC-155MM (PT LOMA)
FORT ROSECRANS, CALIF.
U.S. Engineer Office, Los Ang.

0 5 10
SCALE - FEET



SECTION A-A.



SECTION B-B.

SAN FRANCISCO, CALIFORNIA
SEP 25 12-10 15 AM
OFFICE, DIVISION, ENGINEER
SOUTH PACIFIC DIVISION

REVISIONS

This station originally constructed as B₃S₃² (secondary station for Battery Strong), now designated BC station - Battery Pt. Loma (155 mm.) in accordance with modernization program 1941.

This report supersedes report dated August 14, 1942, transmitted with letter dated August 18, 1942.

(IN REPLY TO LETTER OF SEP 15 1942)
FROM: SAC, SAN FRANCISCO
SUBJECT: BATTERY PT. LOMA (155 MM.)

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

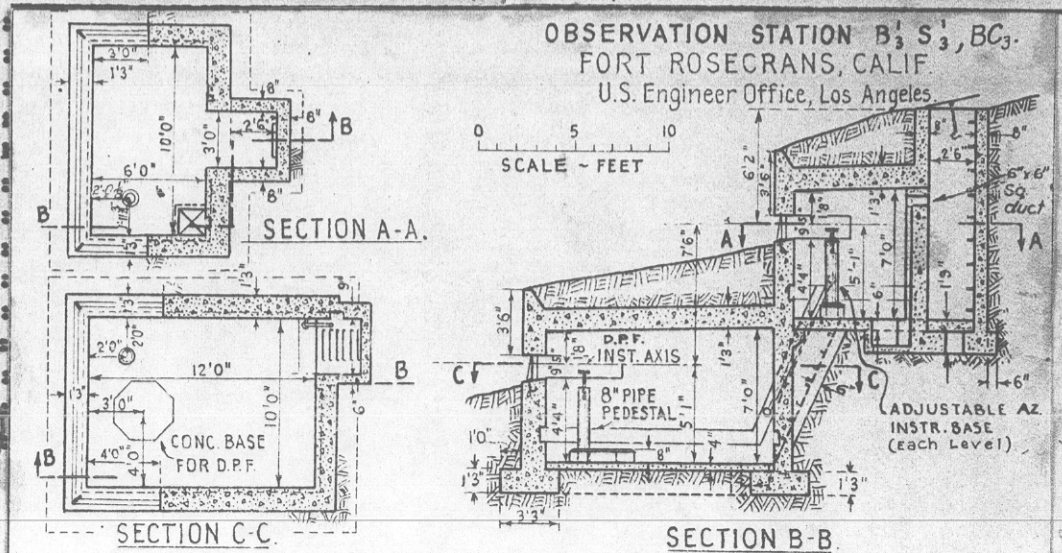
HARBOR DEFENSES OF SAN DIEGO, CALIFORNIA
FORT ROSECRANS
STRUCTURE OBSERVATION STATION B₁S₁, BC₃ *Strong*

Form 2.

Corrected to August 14, 1942

STRUCTURE:	:	:	INSTRUMENTS AND EQUIPMENT:	:
Location	:	See note *	Type of observing inst.	:
Date of transfer	:	March 20, 1941	Type of plotting board	:
Cost to that date	:	\$3,086.39	DATA TRANSMISSION:	:
Type of construction	:		Type of	:
(a) Roof	:	Reinforced concrete	Date of transfer	:
(b) Remainder of building	:	Reinforced concrete	Cost of data transmission	:
How concealed	:	Dug-out constructed	equipment	:
How protected	:	with native growth	REMARKS:	:
	:	Not protected		:
Height above concealment	:	5'0"		:
Height above protection	:			:
Conspicuous at 400 yards	:			:
ELECTRIC CURRENT:	:			:
Source of	:	None		:
Kilowatts required	:	None		:
Type of lighting fixtures	:	None		:
HEAT:	:			:
How heated	:	Not heated		:
WATER & SEWER:	:			:
Connected to water mains	:	No		:
Connected to sewer	:	No		:
Type of latrine	:	None		:
Permanent or temporary inst'n	:	Permanent		:
Present condition	:	Good		:
REFERENCE:	:			:
Reference of site	:	See note *		:
Reference of instrument axis	:	See note *		:
Type and capacity of crane	:	None		:
Max. dim. of reel handled	:	None		:

* NOTE: B.C. Telescope Pedestal (upper level) coords. = S. 17,896.5; W. 19,817.9. Elev. top of pedestal = 383.06'.
B₁S₁ D.P.F. Conc. Ped. = S. 17,896.7; W. 19,830.3. Elev. of top of conc. base = 371.85'. S₁ Azim. Inst. pedestal, (lower level) = S. 17,892.9; W. 19,832.0. Elev. top steel pipe ped. = 374.76'. Rect. coords. refer to U.S.C. & G.S. Sta. "Old Town". Elevs. referred to M.L.L.W. (Ht. of line of collimation of inst. above top of ped. to be added to elev. of top of ped. to obtain true H.I.)



OBSERVATION STATION B₁S₁, BC₃.
FORT ROSECRANS, CALIF.
U.S. Engineer Office, Los Angeles

SCALE - FEET

(ADJUSTABLE AZ. INSTR. BASE (each level))

Superseded!

see Form 2 corrected to (Tactical changed #0) Sept 10 1942

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

HARBOR DEFENSES OF SAN DIEGO, CALIFORNIA
FORT ROSECRANS
STRUCTURE OBSERVATION STATION B₃S₃ *Strong*

Form 2.

Corrected to August 14, 1942

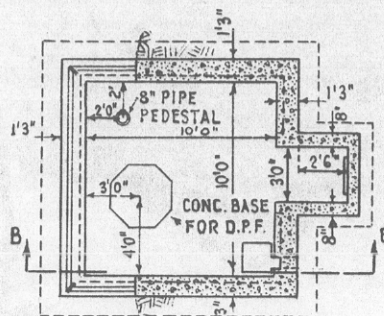
STRUCTURE:	:	:	INSTRUMENTS AND EQUIPMENT:	:
Location	:	: See note *	Type of observing inst.	:
Date of transfer	:	: March 20, 1941	Type of plotting board	:
Cost to that date	:	: \$1,543.20	DATA TRANSMISSION:	:
Type of construction	:	:	Type of	:
(a) Roof	:	: Reinforced concrete	Date of transfer	:
(b) Remainder of building	:	: Reinforced concrete	Cost of data transmission	:
How concealed	:	: Dugout construction	equipment.	:
How protected	:	: Not protected	REMARKS:	:
Height above concealment	:	: 4'9"		:
Height above protection	:	:		:
Conspicuous at 400 yards	:	:		:
ELECTRIC CURRENT:	:	:		:
Source of	:	: None		:
Kilowatts required	:	: None		:
Type of lighting fixtures	:	: None		:
HEAT:	:	:		:
How heated	:	: Not heated		:
WATER & SEWER:	:	:		:
Connected to water mains	:	: No		:
Connected to sewer	:	: No		:
Type of latrine	:	: None		:
Permanent or temporary inst'n	:	: Permanent		:
Present condition	:	: Good		:
REFERENCE:	:	:		:
Reference of site	:	: See note *		:
Reference of instrument axis	:	: See note *		:
Type and capacity of crane	:	: None		:
Max. dim. of reel handled.	:	: None		:

* NOTE:

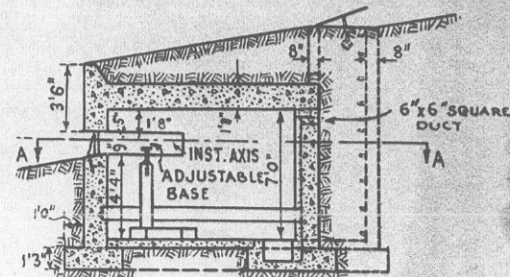
B₃ D.P.F. (conc. pedestal) coordinates =
S. 30,150.5'; W. 16,755.9'. Elev. top of conc.
base = 335.40'. S₃ Azim. Inst. pedestal =
S. 30,147.8'; W. 16,759.0'. Elev. top steel pipe ped.
= 338.35'. Rect. coords. refer to U.S.C. & G.S. Station
"Old Town," and elevs. to M.L.L.W. (Ht. of line of
collimation of inst. above top of ped. to be added
to elev. of top of ped. to obtain true H.I.)

OBSERVATION STATION B₃S₃
FORT ROSECRANS, CALIF.
U.S. Engineer Office, Los Ang.

0 5 10
SCALE - FEET



SECTION A-A.



SECTION B-B.

*Superseded; See Form 2
corrected to Sept 21 1942.*

Encl 1

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

COAST DEFENSES OF SAN DIEGO, CAL.
FORT ROSECRANS.
STRUCTURE B'1 AND BC.

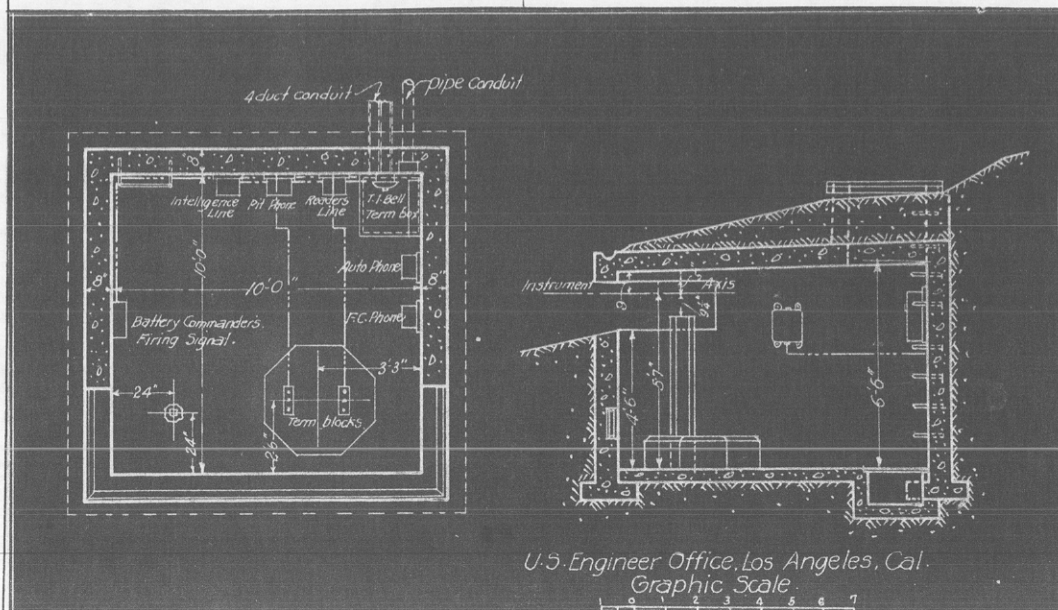
Form 2.

Corrected to JAN 16 1920

Location	1700 ft.S.W.of Battery Whistler.
Date of transfer	JAN 16 1920
Cost to that date	\$ 836.28
Type of construction	Concrete reinforced.
(a) Roof	Concrete reinforced.
(b) Remainder of bldg.	Concrete reinforced.
How concealed	By terrain.
How protected	By terrain.
Height above concealment	3 feet.
Height above protection	3 feet.
Conspicuous at 7000 yards	
Source of electric current	None.
Kilowatts required	None.
Type of lighting fixtures	None.
How heated	Not heated.
Connected to water mains	Not connected.
Connected to sewer	Not connected.
Type of latrine	None.
Permanent or temporary installation	Permanent.
Present condition	Good.
Reference of site	250.00
Reference of instrumental axis	249.25
Type of observing inst.	Lewis D.P.F.model 1907, Type DD.
Type of plotting board	None.
Type and capacity of crane	None.
Max.dimensions of reel handled	None.

Type of data transmission	
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 S. C. type	

Telephone.



Superseded!

See Form 2 corrected to Cont. 5 1942

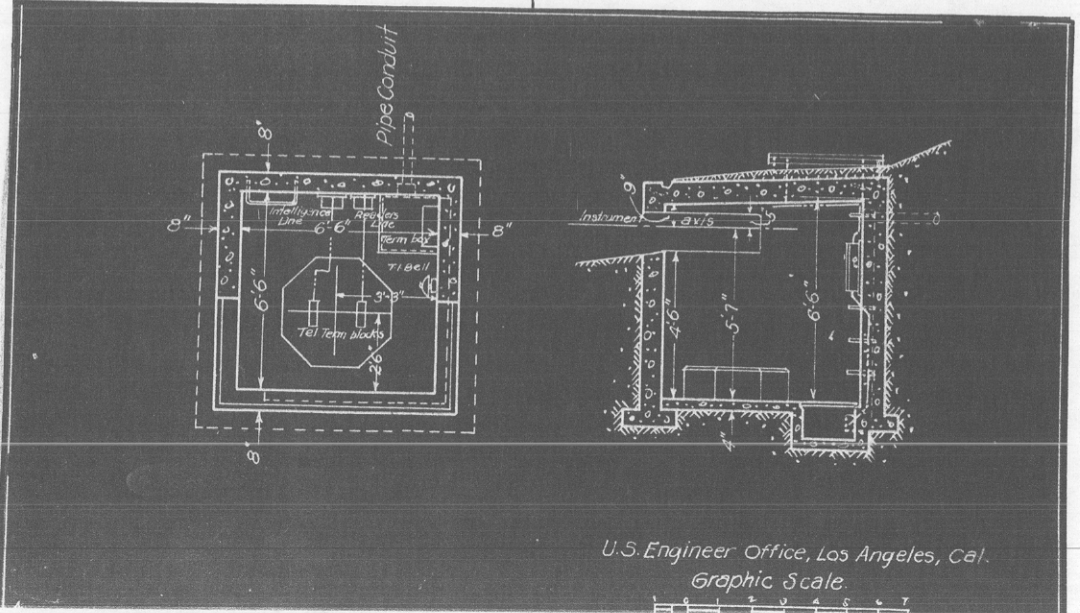
REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire control or Torpedo Structures)

COAST DEFENSES OF SAN DIEGO, CAL.
FORT ROSECRANS.
STRUCTURE B'2

Form 2.

Corrected to JAN 16 1920

Location	1650 ft.S.W.of Battery Whistler.	Type of data transmission	Telephone.
Date of transfer	JAN 16 1920	Date of transfer	
Cost to that date	\$733.59	Cost of data transmission equipment	
Type of construction	Concrete reinforced.	For tide stations give description of tide gauge	
(a) Roof	Concrete reinforced.	For datum points give Forts from which visible	
(b) Remainder of bldg.	Concrete reinforced.	For dormitories give stations served	
How concealed	By terrain.	For cable hut give S. C. type	
How protected	By terrain.		
Height above concealment	3 feet.		
Height above protection	3 feet.		
Conspicuous at 7000 yards			
Source of electric current	None.		
Kilowatts required	None.		
Type of lighting fixtures	Not lighted.		
How heated	Not heated.		
Connected to water mains	Not connected.		
Connected to sewer	Not connected.		
Type of latrine	No latrine.		
Permanent or temporary installation	Permanent.		
Present condition	Good.		
Reference of site	245.0 ft.		
Reference of instrumental axis	224.44 ft.		
Type of observing inst.	Lewis D.P.F.model 1907, Type DD		
Type of plotting board	None.		
Type and capacity of crane	None		
Max.dimensions of reel handled	None		



U.S. Engineer Office, Los Angeles, Cal.
Graphic Scale.

Superseded:

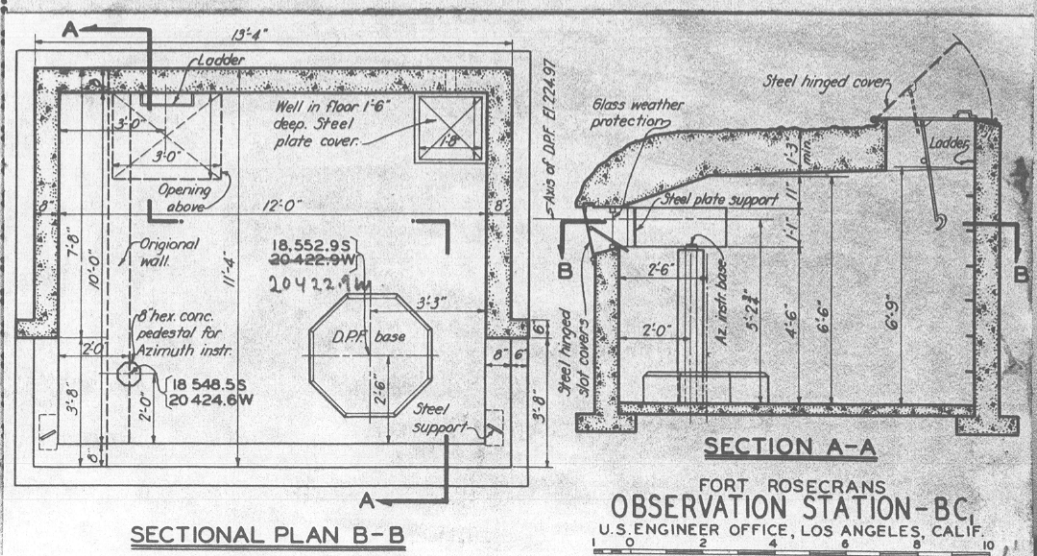
See Form 2 corrected to 9/11/42

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire control or torpedo structures)

HARBOR DEFENSES OF SAN DIEGO, CALIFORNIA
FORT ROSECRANS
STRUCTURE: OBSERVATION STATION BC₁ (BATTERY 237)

Form 2. Corrected to September 5, 1942.

STRUCTURE:	:	:	INSTRUMENTS AND EQUIPMENT:	:
Location	: Approx. 1,435' NW #1 gun, : Battery Strong	:	Type of observing inst.	: D.P.F. and azimuth instruments on : pedestals.
Date of transfer	: January 16, 1920*	:	Type of plotting board	: None
Cost to that date	: \$836.28*	:	DATA TRANSMISSION:	:
Type of construction	:	:	Type of	: Telephone: Installed by Signal : Corps
1) Roof	: Reinforced concrete	:	Date of transfer	: Not transferred (Signal Corps)
(b) Remainder of building	: Reinforced concrete	:	Cost of data transmis-	:
How concealed	: Acid stained and built to : conform with terrain	:	sion equipment	: Installed by Signal Corps
How protected	: Splinterproof, dugout type: : construction	:	REMARKS:	: Origin of local coordinates is : U.S.C. & G.S. station "Old Town" : Datum is mean lower low water.
Height above concealment	: 3 feet	:		:
Height above protection	: 3 feet	:		: *See revisions listed on reverse.
Conspicuous at 200 yards	:	:		:
ELECTRIC CURRENT:	:	:		:
Source of	: None	:		:
Kilowatts required	: None	:		:
Type of lighting fixtures	: Not lighted	:		:
HEAT:	:	:		:
How heated	: Not heated	:		:
WATER AND SEWER:	:	:		:
Connected to water mains	: Not connected	:		:
Connected to sewer	: Not connected	:		:
Type of latrine	: None	:		:
Permanent or temporary inst'n.	: Permanent	:		:
Present condition	: Good	:		:
REFERENCE:	:	:		:
Reference of site	: D.P.F. Azimuth inst. : 18,552.9 S 18,548.5 S : 20,422.9 W 20,424.6 W	:		:
Reference of instrument axis	: 224.97'	:		:



20,422.9 W
Corrected by 600,914C San
Diego) 2M 60159

REVISIONS

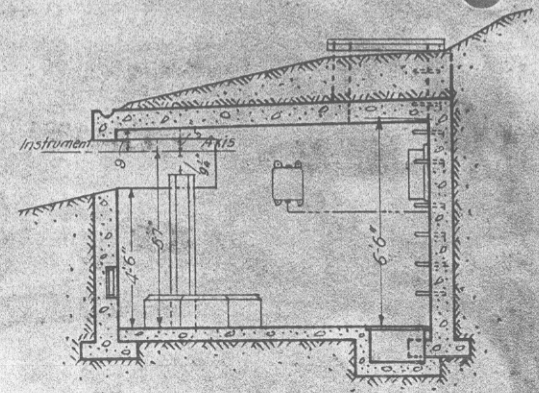
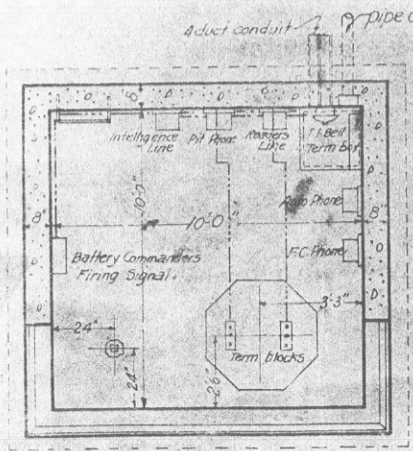
Original structure: 10' x 10' B₁BC (Whistler), submitted with completion report dated January 22, 1920.

Enlarged and splinterproofed in 1940 for B₁S¹ Whistler. Cost \$723.78.

Assigned to Battery 237 (Modernization Program - 1941).

(Not retransferred to Corps of Engineers before reconstruction.)

ORIGINAL STRUCTURE



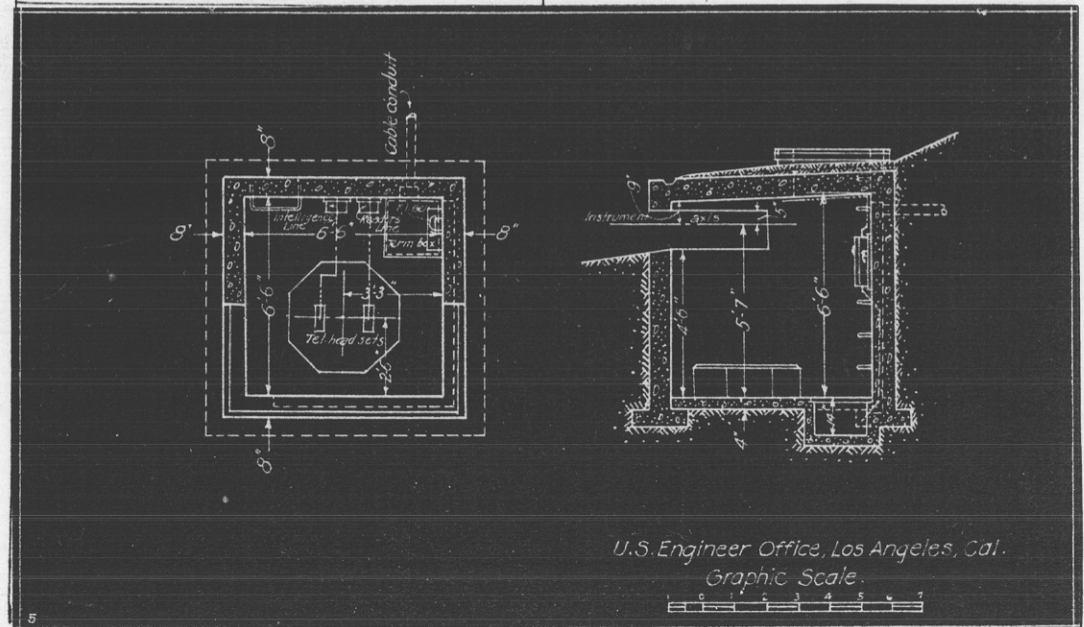
U.S. Engineer Office, Los Angeles, Cal.
Graphic Scale

OFFICE, DIVISION ENGINEER
SOUTH PACIFIC DIVISION
SEP 12 1942 - 11 45 AM
SAN FRANCISCO, CALIFORNIA

Form 2.

Corrected to JAN 16 1920

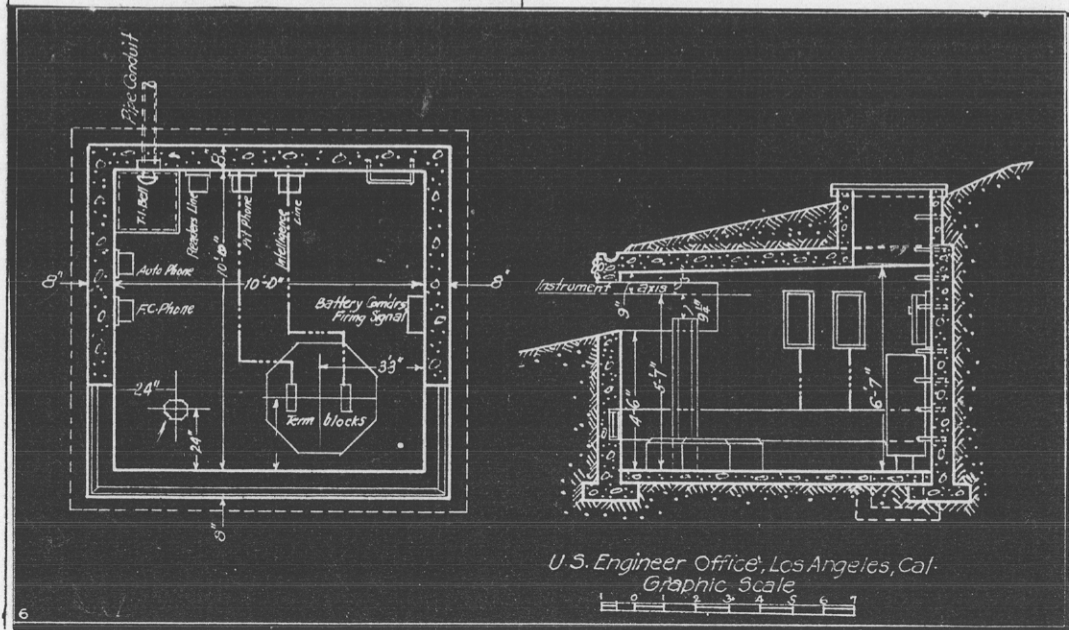
Location	S 30° W. 2350 ft. from Battery White.	Type of data transmission	Telephone.
Date of transfer	JAN 16 1920	Date of transfer	
Cost to that date	\$657.64	Cost of data transmission equipment	
Type of construction	Concrete reinforced.	For tide stations give description of tide gauge	
(a) Roof	Concrete reinforced.	For datum points give Forts from which visible	
b) Remainder of bldg.	Concrete reinforced.	For dormitories give stations served	
How concealed	By terrain.	For cable hut give S. C. type	
How protected	By terrain.		
Height above concealment	3 feet.		
Height above protection	3 feet.		
Conspicuous at 7000 yards			
Source of electric current	None.		
Kilowatts required	None.		
Type of lighting fixtures	None.		
How heated	Not heated.		
Connected to water mains	Not connected.		
Connected to sewer	Not connected.		
Type of latrine	None.		
Permanent or temporary installation	Permanent.		
Present condition	Good.		
Reference of site	219.0 ft.		
Reference of instrumental axis	218.47 ft.		
Type of observing inst.	Lewis D.P.F. Model 1907, Type DD.		
Type of plotting board	None.		
Type and capacity of crane	None.		
Max. dimensions of reel handled	None.		



Form 2.

Corrected to JAN 16 1920

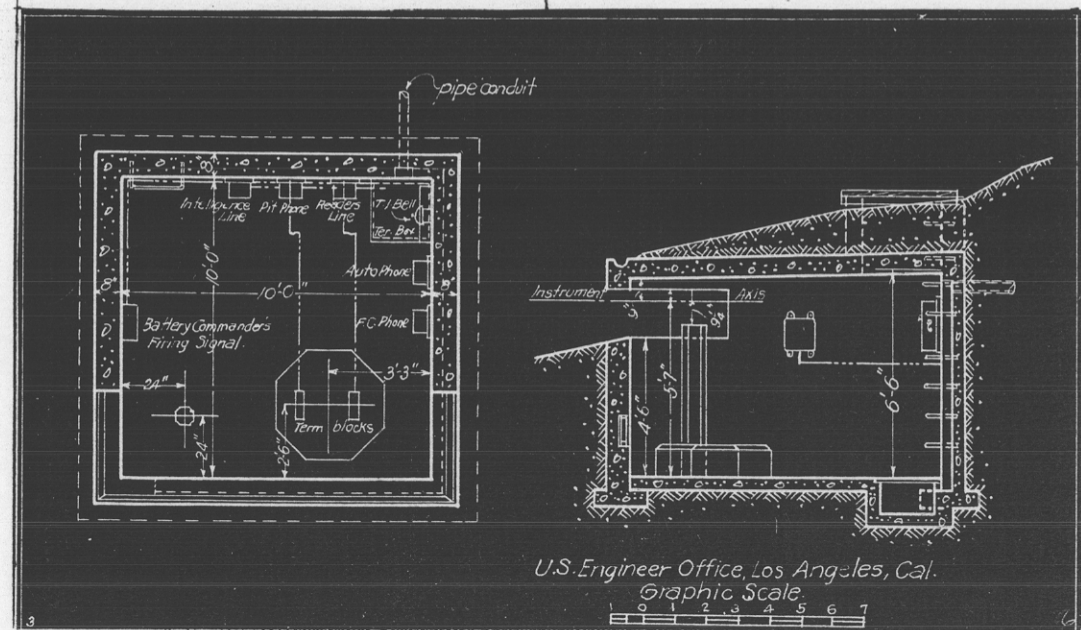
Location	S 15° E. 5400 ft. from Battery White.	Type of data transmission	Telephone.
Date of transfer	JAN 16 1920	Date of transfer	
Cost to that date	\$ 961.61 (type)	Cost of data transmission	
Type of construction	Concrete reinforced (Dug in/	equipment	
(a) Roof	Concrete reinforced.	For tide stations give description of tide gauge	
(b) Remainder of bldg.	Concrete reinforced.	For datum points give Forts from which visible	
1 concealed	Partially concealed.	For dormitories give stations served	
How protected	Partially protected.	For cable hut give S. C. type	
Height above concealment	3 feet.		
Height above protection	3 feet.		
Conspicuous at 7000 yards			
Source of electric current	None.		
Kilowatts required	None.		
Type of lighting fixtures	None.		
How heated	Not heated.		
Connected to water mains	No.		
Connected to sewer	No.		
Type of latrine	None.		
Permanent or temporary installation	Permanent.		
1 sent condition	Good.		
Reference of site	116.0		
Reference of instrumental axis	115.73		
Type of observing inst.	Lewis D.P.F. Model 1907, Type DD.		
Type of plotting board	None.		
Type and capacity of crane	None.		
Max. dimensions of reel handled			



Form 2.

Corrected to JAN 16 1920

Location	S 15° E. 5400 ft. from Battery White.	Type of data transmission	Telephone.
Date of transfer	JAN 16 1920	Date of transfer	
Cost to that date	\$ 950.96	Cost of data transmission equipment	
Type of construction	Concrete reinforced (Dug in/ type)	For tide stations give description of tide gauge	
(a) Roof	Concrete reinforced.	For datum points give Forts from which visible	
(b) Remainder of bldg.	Concrete reinforced.	For dormitories give stations served	
How concealed	Partially concealed.	For cable hut give S. C. type	
How protected	Partially protected.		
Height above concealment	3 ft.		
Height above protection	3 ft.		
Conspicuous at 7000 yards			
Source of electric current	None.		
Kilowatts required	None.		
Type of lighting fixtures	None.		
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	126 ft.		
Reference of instrumental axis	126.576 ft.		
Type of observing inst.	Lewis D.P.F. Model 1907, Type DD.		
Type of plotting board	None.		
Type and capacity of crane	None.		
Max. dimensions of reel handled			



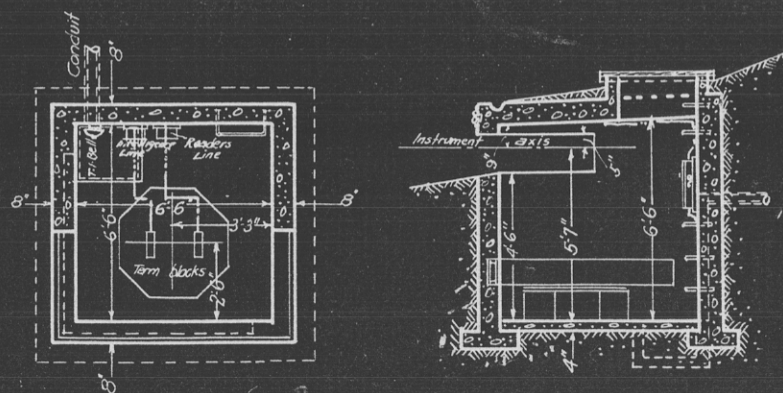
REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire control or Torpedo Structures)

COAST DEFENSES OF SAN DIEGO, CAL.
FORT ROSECRANS.
STRUCTURE B'4

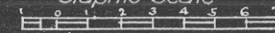
Form 2.

Corrected to JAN 16 1920

Location	S 22° E, 3200 ft.	Type of data transmission	Telephone.
Date of transfer	JAN 16 1920	Date of transfer	
Cost to that date	\$684.31	Cost of data transmission equipment	
Type of construction	Concrete reinforced (Dug in/ type)	For tide stations give description of tide gauge	
(a) Roof	Concrete reinforced.	For datum points give Forts from which visible	
(b) Remainder of bldg.	Concrete reinforced.	For dormitories give stations served	
H concealed	Partially concealed.	For cable hut give S. C. type	
How protected	Partially protected.		
Height above concealment	3 feet.		
Height above protection	3 feet.		
Conspicuous at 7000 yards			
Source of electric current	None.		
Kilowatts required	None.		
Type of lighting fixtures	None.		
How heated	Not heated.		
Connected to water mains	No.		
Connected to sewer	No.		
Type of latrine	None.		
Permanent or temporary installation	Permanent.		
I sent condition	Good.		
Reference of site	160.00 feet.		
Reference of instrumental axis	159.66 feet.		
Type of observing inst.	Lewis D.P.F., Model 1907, Type D.D.		
Type of plotting board	None.		
Type and capacity of crane	None.		
Max. dimensions of reel handled			



U.S. Engineer Office, Los Angeles, Cal.
Graphic Scale.



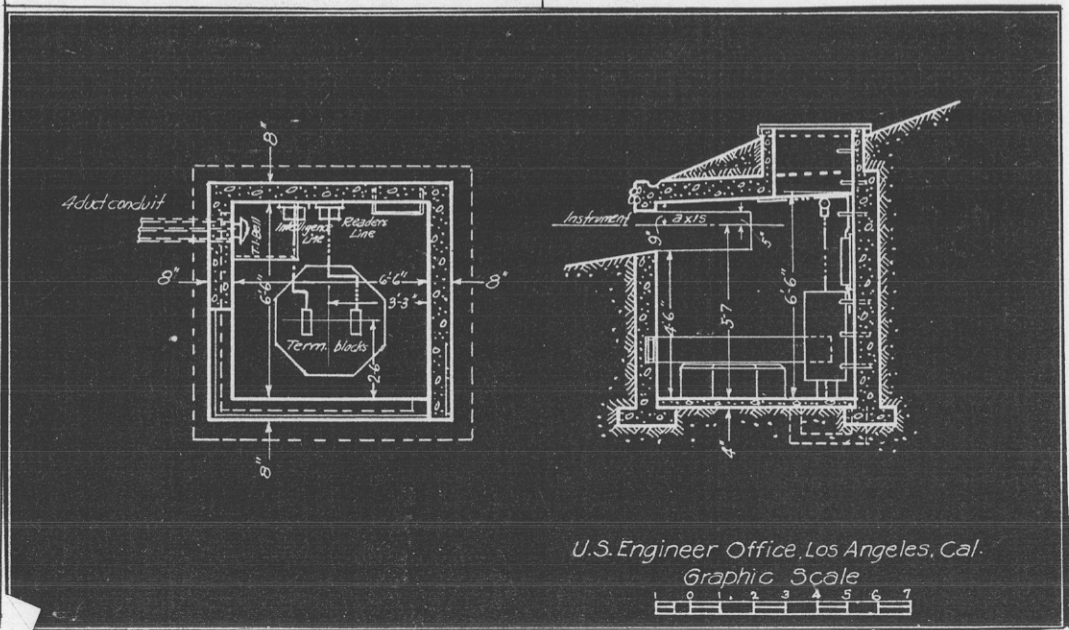
REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire control or Torpedo Structures)

COAST DEFENSES OF SAN DIEGO, CAL.
FORT ROSECRANS.
STRUCTURE B'3

Form 2.

Corrected to JAN 16 1920

Location	S 22° E. 3200 ft. from Battery White.	Type of data transmission	Telephone
Date of transfer	JAN 16 1920	Date of transfer	
Cost to that date	\$640.67 (type)	Cost of data transmission equipment	
Type of construction	Concrete reinforced (dug in /	For tide stations give description of tide gauge	
(a) Roof	Concrete reinforced.	For datum points give Forts from which visible	
(b) Remainder of bldg.	Concrete reinforced.	For dormitories give stations served	
How concealed	Partially concealed.	For cable hut give S. C. type	
How protected	Partially protected.		
Height above concealment	3 ft.		
Height above protection	3 ft.		
Conspicuous at 7000 yards			
Source of electric current	None.		
Kilowatts required	None.		
Type of lighting fixtures	None.		
How 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	178.00 ft.		
Reference of instrumental axis	177.609 ft.		
Type of observing inst.	Lewis D.P.F., Model 1907, Type DD.		
Type of plotting board			
Type and capacity of crane	None.		
Max. dimensions of reel handled			



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

COAST DEFENSES OF SAN DIEGO, CAL.

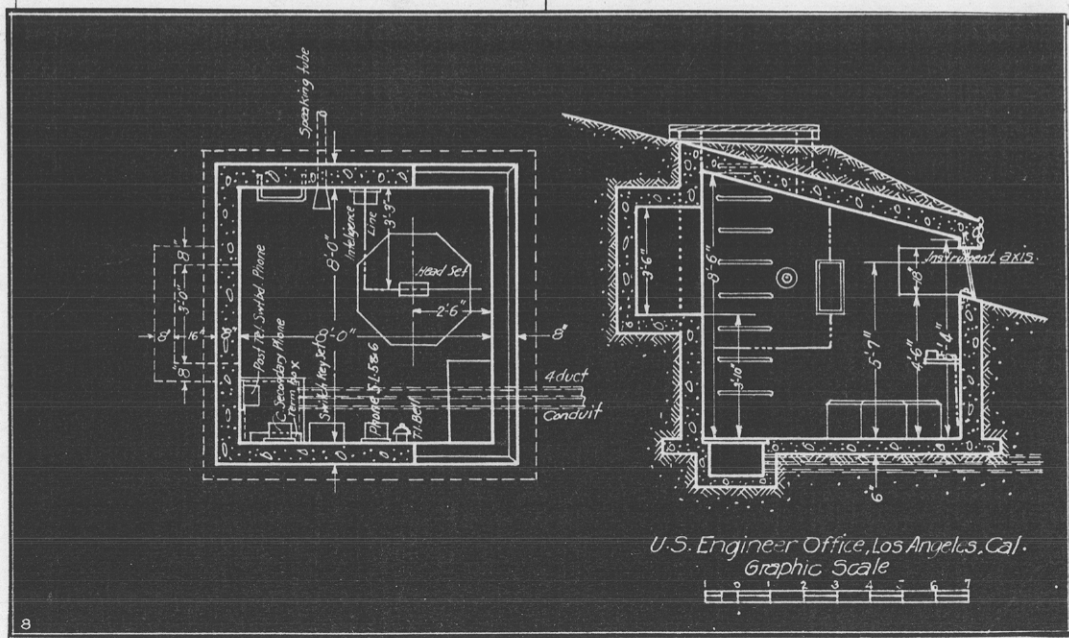
FORT ROSECRANS.

STRUCTURE ~~FIRE COMMANDER'S STATION #12~~

BCS - 8 1/2 5 1/2 M - Growth

Form 2. Corrected to February 24, 1920.

Location	S 17° E. 3700 ft. from Battery White.	Type of data transmission		Telephone.	
Date of transfer	February 24, 1920.	Date of transfer			
Cost to that date	\$1,555.81	Cost of data transmission equipment			
Type of construction	Concrete and steel.	For tide stations give description of tide gauge			
(a) Roof	Steel.	For datum points give Forts from which visible			
b) Remainder of bldg.	Concrete.	For dormitories give stations served			
How concealed	Partially concealed.	For cable hut give S. C. type			
How protected	Partially protected.				
Height above concealment	4 ft.				
Height above protection	4 ft.				
Conspicuous at 7000 yards					
Source of electric current	None.				
Kilowatts required	None.				
Type of lighting fixtures	None. (Oil lanterns)				
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	343.00 ft.				
Reference of instrumental axis	342.97 ft.				
Type of observing inst.	Lewis D.P.F., Model 1907, Type DD.				
Type of plotting board	None.				
Type and capacity of crane	None.				
Max. dimensions of reel handled					



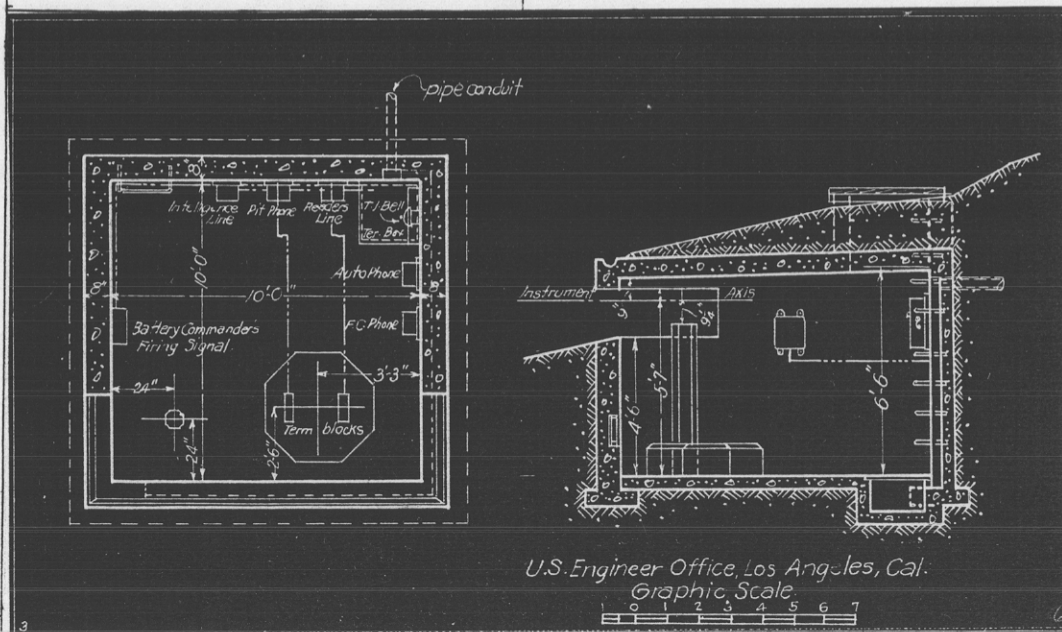
REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS.
(Fire control or Torpedo Structures)

COAST DEFENSES OF SAN DIEGO, CAL.
FORT ROSEGRANS.
STRUCTURE B"2 and BC

Form 2.

Corrected to JAN 16 1920

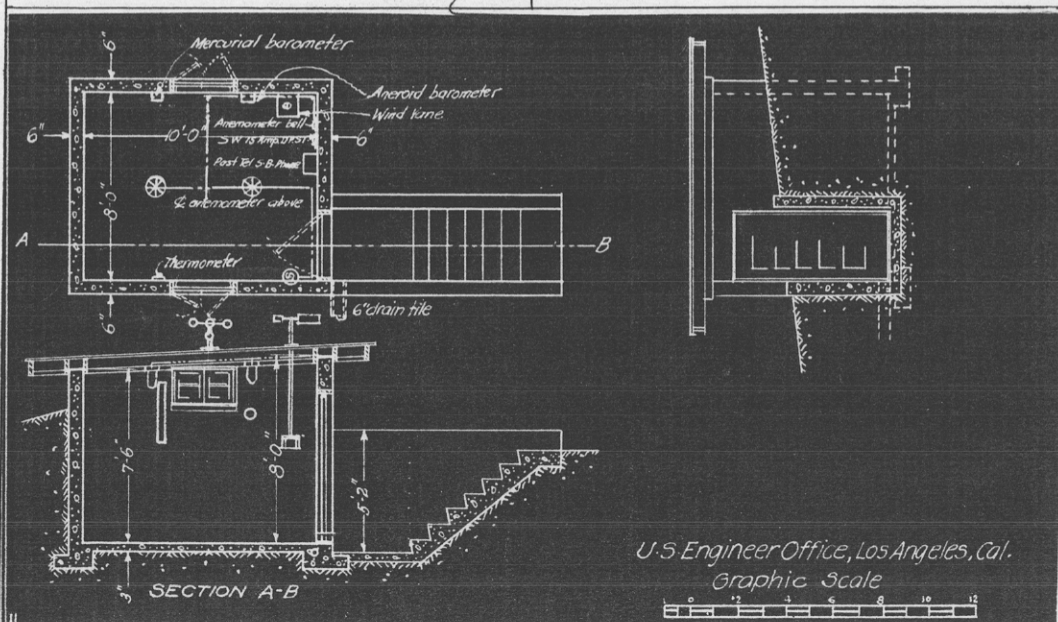
Location	S 30° W. 2300 ft. from Battery Whistler. <i>White</i>	Type of data transmission	Telephone.
Date of transfer	JAN 16 1920	Date of transfer	
Cost to that date	\$912.04	Cost of data transmission equipment	
Type of construction	Concrete reinforced.	For tide stations give description of tide gauge	
(a) Roof	Concrete reinforced.	For datum points give Forts from which visible	
) Remainder of bldg.	Concrete reinforced.	For dormitories give stations served.	
How concealed	By terrain.	For cable hut give S. C. type	
How protected	By terrain.		
Height above concealment	3 feet.		
Height above protection	3 feet.		
Conspicuous at 7000 yards			
Source of electric current	None.		
Kilowatts required	None.		
Type of lighting fixtures	None.		
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	263.00 ft.		
Reference of instrumental axis	262.58 ft.		
Type of observing inst.	Lewis D.P.F. Model 1907, Type DD.		
Type of plotting board	None.		
Type and capacity of crane	None.		
Max. dimensions of reel handled	None.		



Form 2.

Corrected to FEB 24 1920

Location	S 5° E 4500 feet from Battery White.	Type of data transmission	Telephone.
Date of transfer	FEB 24 1920	Date of transfer	
Cost to that date	\$559.38	Cost of data transmission equipment	
Type of construction	Concrete	For tide stations give description of tide gauge	
(a) Roof	Wood & roofing paper.	For datum points give Forts from which visible	
) Remainder of bldg.	Concrete	For dormitories give stations served.	
How concealed	Partially concealed	For cable hut give S. C. type	
How protected	Partially protected		
Height above concealment	4 feet		
Height above protection	4' 6"		
Conspicuous at 700 yards			
Source of electric current	Power room, Battery White.		
Kilowatts required	.08 kw. 2 lights.		
Type of lighting fixtures	Water proof		
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	400 ft.		
Reference of instrumental axis	No instrument.		
Type of observing inst.	None.		
Type of plotting board	None.		
Type and capacity of crane	None.		
Max. dimensions of reel handled			

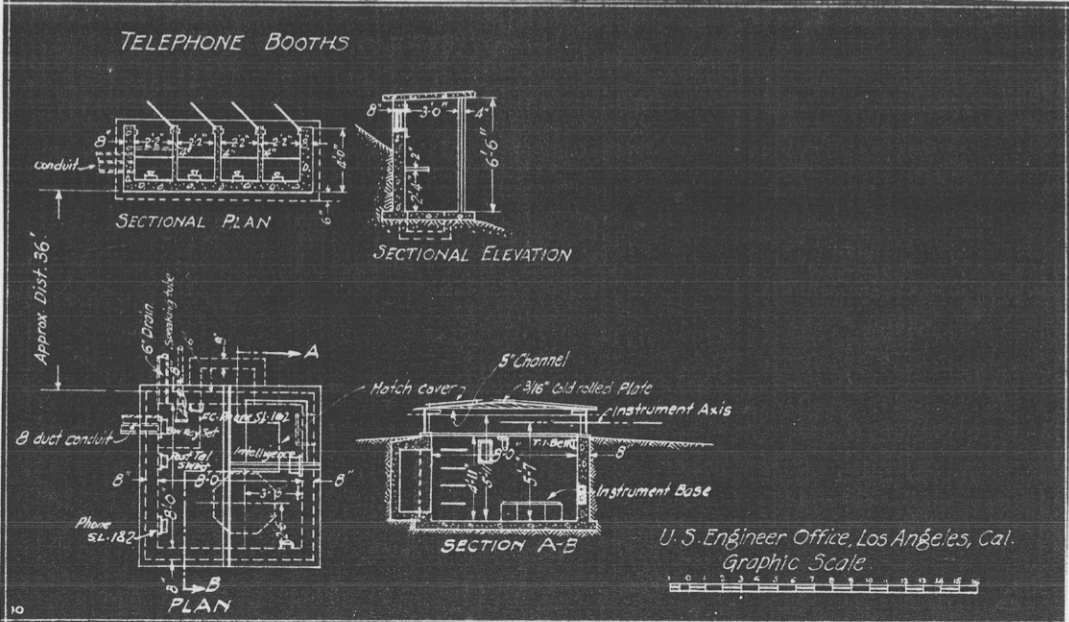


Form 2.

Corrected to February 24, 1920.

62 Station

Location	S.W. 350 ft. from Battery Whistler.	Type of data transmission	Telephone.
Date of transfer	February 24, 1920.	Date of transfer	
Cost to that date	\$1,208.50	Cost of data transmission equipment	
Type of construction	Concrete and steel.	For tide stations give description of tide gauge	
(a) Roof	Steel.	For datum points give Forts from which visible	
(b) Remainder of bldg.	Concrete	For dormitories give stations served	
How concealed	Partially concealed.	For cable hut give S. C. type	
How protected	Partially protected.		
Height above concealment	2 feet.		
Height above protection	2 feet.		
Conspicuous at 7000 yards			
Source of electric current	Power room, Battery Whistler		
Kilowatts required	.28		
Type of lighting fixtures	Water tight.		
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	422.0 feet		
Reference of instrumental axis	421.30 feet.		
Type of observing inst.	Lewis D.P.F. Model 1907, Type DD.		
Type of plotting board	None.		
Type and capacity of crane	None.		
Max. dimensions of reel handled			



600.914(80)105723

SPEKM-1

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structure)

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE

del Mar
B₂S₂
S₂
126

~~CONFIDENTIAL~~

Part II

Corrected to 23 August 1944

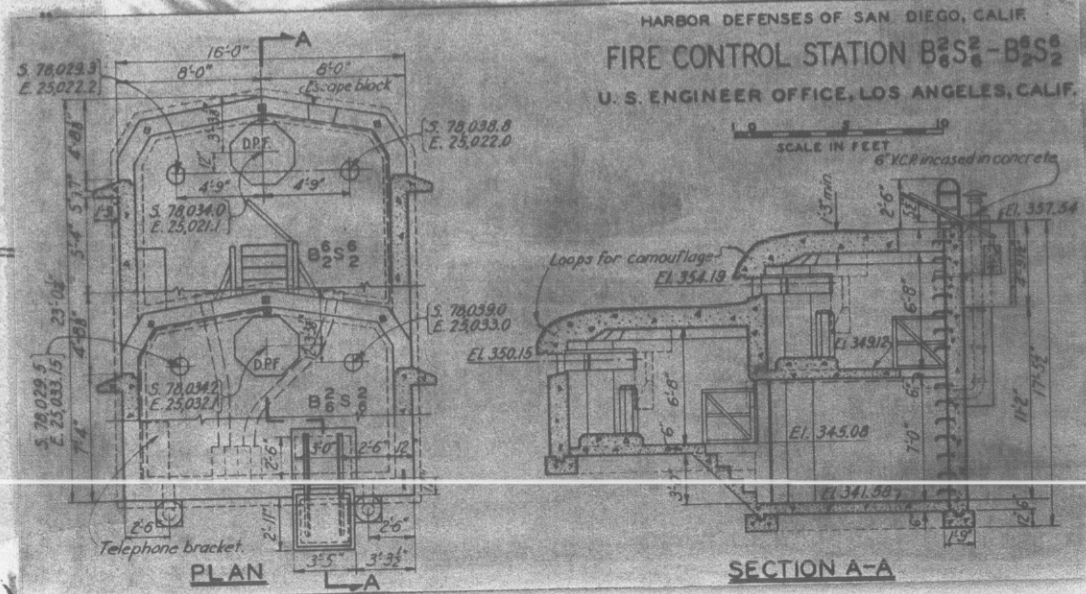
STRUCTURE: W 24,358.6
 Location (by coordinates) N 90,544.5
 Location (site description) Site No. 1 (Solana Beach)
 Date of transfer: 27 June 1944
 Cost to that date: \$4,583.50
 Type: 1-level dug-in
 Type of construction
 (a) Roof: Reinforced concrete
 (b) Remainder of bldg.: Reinforced concrete
 How concealed: Earth cover & native growth
 How protected: Earth cover
 Height above concealment: 3'-0" (above slot opening)
 Height above protection: - - -
 Conspicuous at 75 yards

INSTRUMENTS & EQUIPMENT:
 Type of observing inst.: 1-DPF & 1-azimuth
 Type of plotting board: None

DATA TRANSMISSION:
 Type: Telephone
 Date of transfer: No record (Signal Corps item)

UTILITIES:
 Electric power
 Source of: Commercial & 1 - 2.5 KVA Auxiliary generator
 Characteristics: Voltage 125 AC 3-phase
 Kilowatts required: 0.10
 Type of lighting fixtures: None installed
 Heat
 How heated: Not heated
 Water sewer
 Connected to water mains: No
 Connected to sewer: No
 Type latrine: None

REFERENCE:
 Reference of site: Elevation 281
 Reference of instrument axis: 277.5
 Datum: Mean Lower Low Water
 Origin of coordinates: U.S.C. & G.S. station "Old Town"



F5-718,909

~~CONFIDENTIAL~~

600.914 (San Diego) 113352

113352

SPEKM-1

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structure)

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS (Soledad)
STRUCTURE: B $\frac{1}{3}$ S $\frac{1}{3}$ - B $\frac{5}{6}$ S $\frac{5}{6}$
126 134

~~CONFIDENTIAL~~

Part II Corrected to 7 November 1944

STRUCTURE:

Location (by coordinates) See attached drawing
Location (site description) Site No. 2 (Soledad Mtn)
Date of transfer: 29 June 1944
Cost to that date: \$6,932.45
Type: 2-level dug-in
Type of construction
(a) Roof: Reinforced concrete
(b) Remainder of bldg.: Reinforced concrete
How concealed: Earth cover & native growth
How protected: Earth cover
Height above concealment: 3' at slot openings
Height above protection: 3' at slot openings
Conspicuous at 75 yards

UTILITIES:

Electric power
Source of: V.H.F. Receiver Bldg. (3R)
Characteristics: Voltage 110 AC 3-phase
Kilowatts required: 0.24
Type of lighting fixtures: Porcelain pull-chain (in bunk room)
Heat
How heated: Not heated
Water sewer
Connected to water mains: No
Connected to sewer: No
Type latrine: None

REFERENCE:

Reference of site: Elevation 795 (approximately)
Reference of instrument axis: See drawing attached
Datum: Mean Lower Low Water
Origin of coordinates: U.S.C. & G.S. sta. "Old Town"

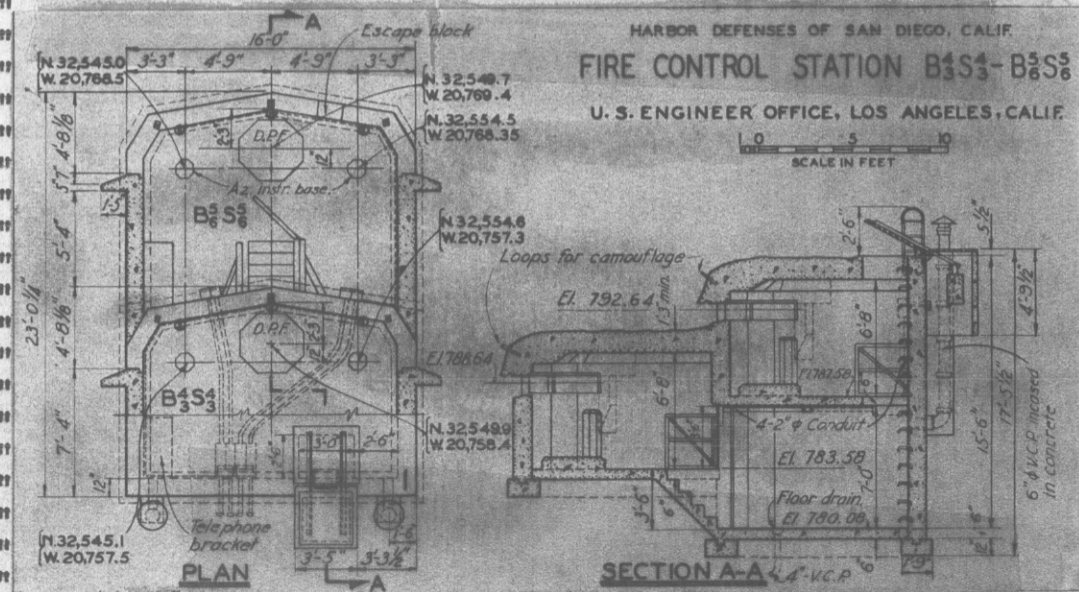
INSTRUMENTS & EQUIPMENT:

Type of observing inst.: 1-DPF & 1-azimuth (each level)
Type of plotting board: None

DATA TRANSMISSION:

Type: Telephone
Date of transfer: No record (Signal Corps item)

at Ft Rosecrans



FS-463

~~CONFIDENTIAL~~

600.914 (San Diego) 113355

SPEKM-1

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structure)

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE: B₁^S₁ - B₂^S₂

~~CONFIDENTIAL~~

Part II Corrected to 7 November 1944

B₁^S₁ - B₂^S₂
237 238

W J Rosecrans

STRUCTURE:

Location (by coordinates) See drawing attached
Location (site description) Site 3 (LaJolla-Hermosa)
Date of transfer: 30 June 1944
Cost to that date: \$5,195.47
Type: 2-level dug-in
Type of construction
(a) Roof: Reinforced concrete
(b) Remainder of bldg.: Reinforced concrete
How concealed: Native growth & earth cover
How protected: Earth cover
Height above concealment: 3' at slot openings
Height above protection: 3' at slot openings
Conspicuous at 75 yards

INSTRUMENTS & EQUIPMENT:

Type of observing inst.: 1-DPF & 1-azimuth (in each level)
Type of plotting board: None

DATA TRANSMISSION:

Type: Telephone
Date of transfer: No record (Signal Corps item)

REMARKS:

Commercial power and 1 - 25 KVA auxiliary generator installed to serve SCR-296 Set at La Jolla; power extended to serve the subject structure and B₂^S₂ also located at Site 3.

UTILITIES:

Electric power

Source of: SCR-296 (LaJolla) (see also "REMARKS")
Characteristics: Voltage 110 AC 3 - phase
Kilowatts required: 0.24
Type of lighting fixtures: Porcelain pull-chain (in Bunk Room)

Heat

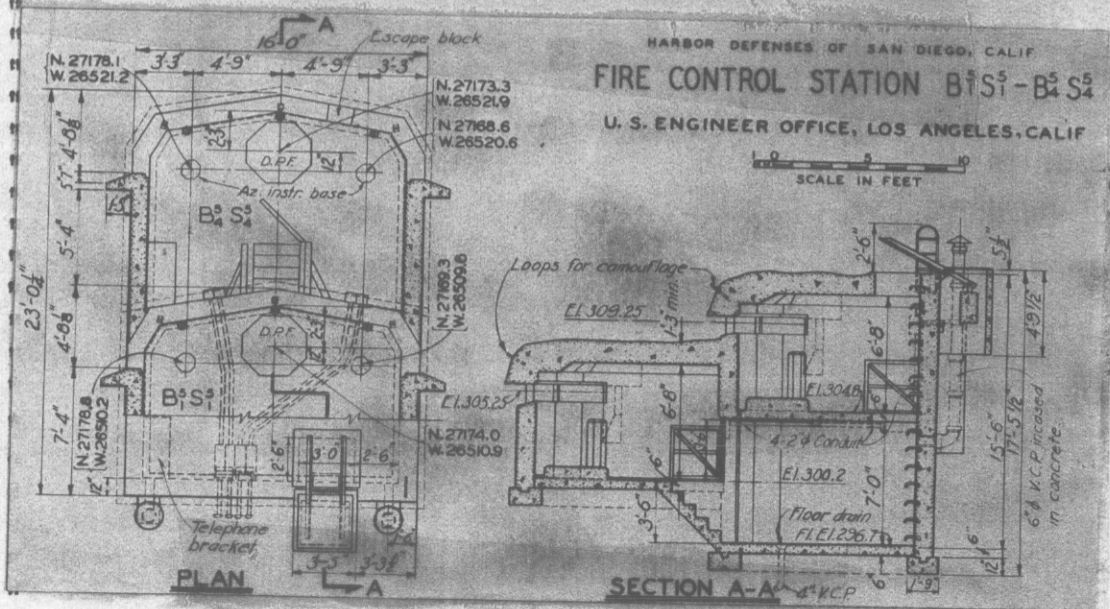
How heated: Not heated

Water sewer

Connected to water mains: No
Connected to sewer: No
Type latrine: None

REFERENCE:

Reference of site: Elevation 312 (approximately)
Reference of instrument axis: See drawing attached
Datum: Mean Lower Low Water
Origin of coordinates: U.S.C. & G.S. sta "Old Town"



FS-717

~~CONFIDENTIAL~~

600,914 (Sandling) 115295
REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structure)

115295
~~CONFIDENTIAL~~

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE: B₂ S₂
Strong

SPEKM-1

Part II

Corrected to 25 November 1944

STRUCTURE: W 26,492.22
Location (by coordinates) N 27,189.22
Location (site description) Site No. 3 (LaJolla-Hermosa)
Date of transfer: 2 November 1942
Cost to that date: \$2,966.49
Type: dug-in
Type of construction:
(a) Roof: Reinforced concrete
(b) Remainder of bldg.: Reinforced concrete
How concealed: Earth cover & native growth
How protected: Earth cover
Height above concealment: 3' (at slot openings)
Height above protection: 3' (at slot openings)
Conspicuous at 100 yards

UTILITIES:
Electric power
Source of: SCR-296 "La Jolla" (see also "Remarks")
Characteristics: Voltage 110 AC 3 - phase
Kilowatts required: 0.10
Type of lighting fixtures: Not lighted
Heat
How heated: Not heated
Water sewer
Connected to water mains: No
Connected to sewer: No
Type latrine: None

REFERENCE:
Reference of site: Elevation 320.0 (approximately)
Reference of instrument axis: 317.70
Datum plane: Mean Lower Low Water
Origin of coordinates: U.S.C. & G.S. sta. "Old Town"

INSTRUMENTS & EQUIPMENT:

Type of observing inst.: 1-DPF & 1-azimuth
Type of plotting board: None

DATA TRANSMISSION:

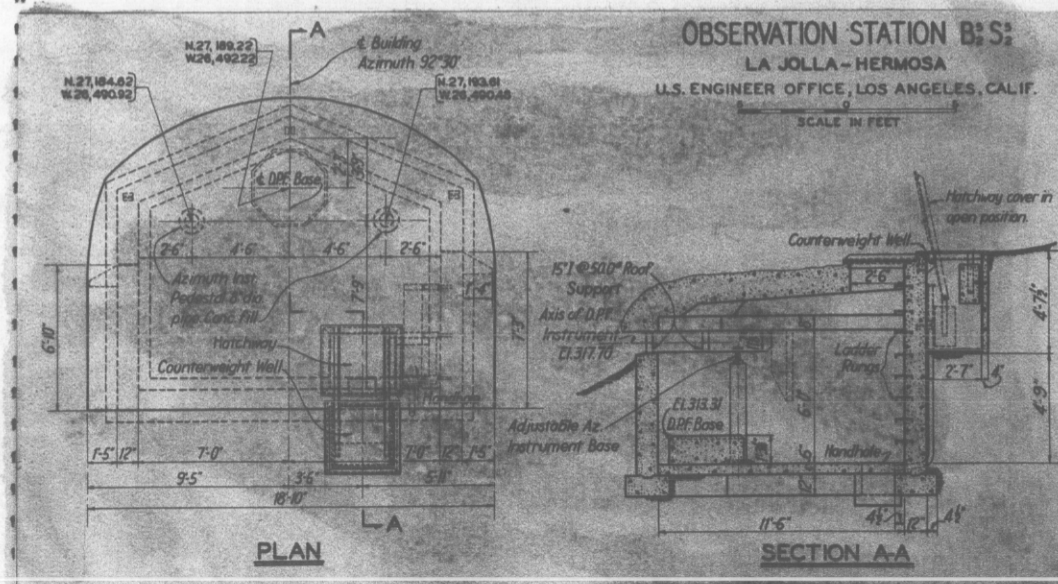
Type: Telephone
Date of transfer: No record (Signal Corps item)

REMARKS:

Commercial power and 1 - 25 KVA auxiliary generator installed to serve SCR-296 set at La Jolla; power extended to serve the subject structure jointly with station B₁ S₁ - B₄ S₄, also at Site No. 3.

THIS REPORT SUPERSEDES REPORT DATED 3 DECEMBER 1942.

(See Revisions on reverse)



~~CONFIDENTIAL~~

600,914 (San Diego) 111 846

111846

SPEKM-1

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structure)

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE: B₃S₃² - B₁S₁¹
126 237

~~CONFIDENTIAL~~

Part II Corrected to 23 October 1944

St Rosecrans

STRUCTURE:

Location (by coordinates) See drawing attached
Location (site description) Site No. 4, (Theosophical)
Date of transfer: 7 October 1944
Cost to that date: \$6,163.97
Type: 2 - level dug-in
Type of construction
(a) Roof: Reinforced concrete
(b) Remainder of bldg.: Reinforced concrete
How concealed: Earth cover & native growth
How protected: Earth cover
Height above concealment: 3' (at slot opening)
Height above protection: 3' (at slot opening)
Conspicuous at 75 yards

INSTRUMENTS & EQUIPMENT:

Type of observing inst.: 1-DPF & 1-azimuth (in each level)
Type of plotting board: None

DATA TRANSMISSION:

Type: Telephone
Date of transfer: No record (Signal Corps item)

REMARKS:

Commercial power and 1 - 3.0 KVA auxiliary generator installed to serve the subject structure jointly with B₆S₆ - B₇S₇ and B₄S₄ - B₂S₂ also located at this site and requiring 0.24 KW each.

TILITIES:

Electric Power

Source of: See "Remarks"

Characteristics: Voltage 125 AC 3 - phase

Kilowatts required: 0.24

Type of lighting fixtures: porcelain pull-chain (in bunk room)

Heat

How heated: Not heated

Water sewer

Connected to water mains: No

Connected to sewer: No

Type latrine: None

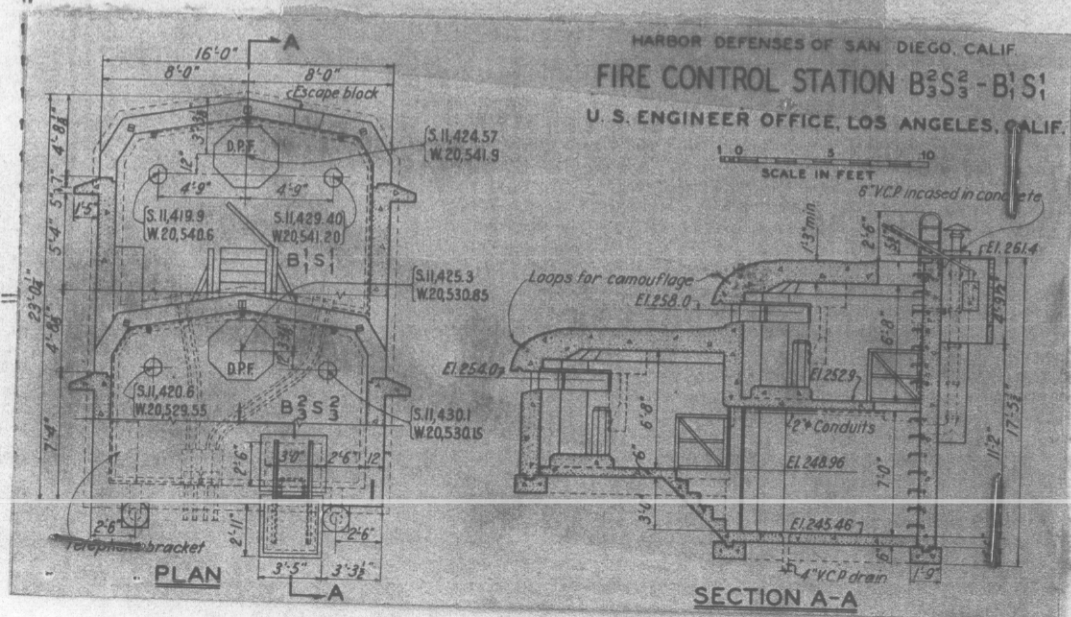
REFERENCE:

Reference of site: Elevation 261.0

Reference of instrument axis: See drawing attached

Datum: Mean Lower Low Water

Origin of coordinates: U.S.C. & G.S. Sta. "Old Town"



~~CONFIDENTIAL~~

FS-460, 909

600.914 (San Diego) 115294
REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structure)

SPEKM-1

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE: $B_2^1 S_4^2 - B_2^1 S_4^2$
2 3 8 *Strong*

Part II Corrected to 25 November 1944

~~CONFIDENTIAL~~

STRUCTURE:

Location (by coordinates) See drawing attached
Location (site description) Site No. 4 (Theosophical)
Date of transfer: 2 November 1942
Cost to that date: \$5,932.34
Type: 2 - level dug-in
Type of construction
(a) Roof: Reinforced concrete
(b) Remainder of bldg.: Reinforced concrete
How concealed: Earth cover & native growth
How protected: Earth cover
Height above concealment: 3' (at slot opening)
Height above protection: 3' (at slot opening)
Conspicuous at 100 yards

INSTRUMENTS & EQUIPMENT:

Type of observing inst.: 1-DPF & 1-azimuth (each level)
Type of plotting board: None

DATA TRANSMISSION:

Type: Telephone
Date of transfer: No record (Signal Corps item)

REMARKS:

Commercial power and 1 - 3 KVA auxiliary generator installed to serve subject structure jointly with $B_2^1 S_4^2 - B_1^1 S_1^1$ and $B_2^1 S_4^2 - B_2^1 S_4^2$, also located at Site No. 4, and requiring 0.24 KW, each.

THIS REPORT SUPERSEDES REPORT DATED 3 DECEMBER 1942.

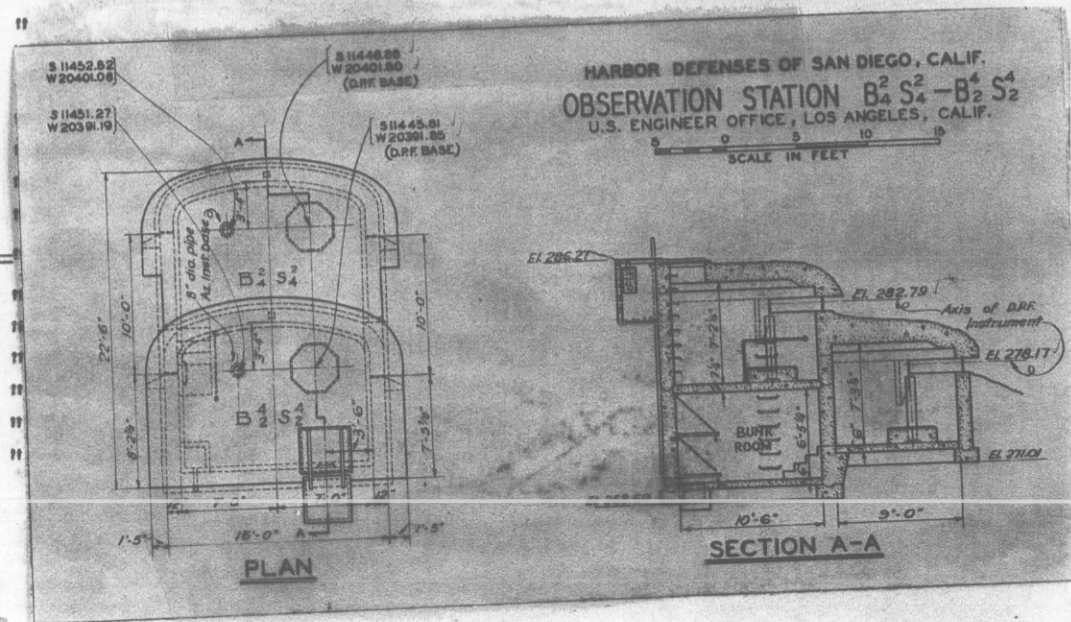
(See revision on reverse)

UTILITIES:

Electric power
Source of: See "Remarks"
Characteristics: Voltage 125 AC 3 - phase
Kilowatts required: 0.24
Type of lighting fixtures: 1 - direct (in bunk room)
Heat
How heated: Not heated
Water sewer
Connected to water mains: No
Connected to sewer: No
Type latrine: None

REFERENCE:

Reference of site: 286.0
Reference of instrument axis: See drawing attached
Datum is Mean Lower Low Water
Origin of coordinates: U.S.C. & G.S. sta. "Old Town"



~~CONFIDENTIAL~~

600.914 (San Diego) 114 213

SPEKM-1

REPORT OF COMPLETED WORKS - SEACAST FORTIFICATIONS
(Fire Control Structure)

114213

~~CONFIDENTIAL~~

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE: G2 Command Post

Part II Corrected to 17 November 1944

STRUCTURE: W 19,509.40
Location (by coordinates) S 17,626.80
Location (Site description) Site No. 5 (North Fort Rosecrans)

Date of transfer: 9 May 1944

Cost to that date: \$6,806.77

Type: 1 - level dug-in

Type of construction

(a) Roof: Reinforced concrete

(b) Remainder of bldg.: Reinforced concrete

How concealed: Earth cover & native growth

How protected: Earth cover

Height above concealment: 3.0' at slot opening

Height above protection: 3.0' at slot opening

Conspicuous at 75 yards

INSTRUMENTS & EQUIPMENT:

Type of observing inst.: 1 - DPF

Type of plotting board: None

DATA TRANSMISSION:

Type: Telephone & Radio

Date of transfer: No record (Signal Corps item)

UTILITIES:

Electric power

Source of: Commercial (through Battery Whistler switchboard)

Characteristics: Voltage 110 AC 1 - phase

Kilowatts required: 1.0

Type of lighting fixtures: Guth "Mazelite" (in Operations Room)

Heat

How heated: Not heated

Water sewer

Connected to water mains: No

Connected to sewer: No

Type latrine: None

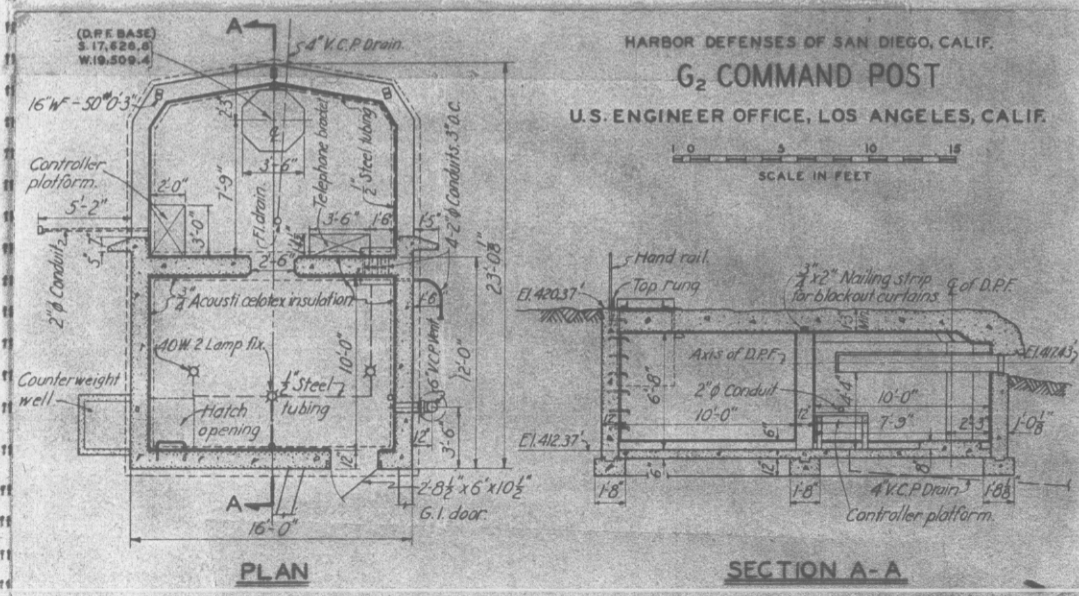
REFERENCE:

Reference of site: Elevation 420 (approximately)

Reference of instrument axis: 417.43

Datum is Mean Lower Low Water

Origin of coordinates: U.S.C. & G.S. sta. "Old Town"



FS-461

~~CONFIDENTIAL~~

Enc. 17

600.914 (San Diego) 10 x 971

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structures)~~CONFIDENTIAL~~HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANSSTRUCTURE: BC₃, B¹/₃ S¹/₃
176

Part II

Corrected to 28 July 1944

STRUCTURE:

Location (by coordinates) see drawing attached
 Location (site description) Site No. 7, Cabrillo
 Date of transfer: 27 June 1944
 Cost to that date: \$12,713.05
 Type: 2-level dug-in
 Type of construction
 (a) Roof: Reinforced concrete
 (b) Remainder of bldg.: Reinforced concrete
 How concealed: Earth cover & native growth
 How protected: Earth cover
 Height above concealment: 2'-0" at slot opening
 Height above protection: 2'-0" at slot opening
 Conspicuous at 75 yards

UTILITIES:

Electric power

Source of: Commercial & 1 auxiliary generator (3 KVA)

Characteristics: Voltage 125 AC 3 phase, 60 cycle

Kilowatts required: 0.27

Type of lighting fixtures: 1-4" porcelain (in bunk rm.)

Heat

How heated: Not heated

Water sewer -

Connected to water mains: No

Connected to sewer: No

Type latrine: None

REFERENCE:

Reference of site: 408.83

Reference of instrument axis; see drawing attached

Datum: Mean Lower Low Water

Origin of U.S.E.D. local coordinates: U.S.C. & G.S.
station "OLD TOWN."

"

INSTRUMENTS & EQUIPMENT:

Type of observing inst.: B¹/₃ S¹/₃; 1-DPF & 1-azimuth
 BC₃; 1-azimuth
 Type of plotting board: None

DATA TRANSMISSION:

Type: Telephone
 Date of transfer: No record (by Signal Corps)

"

"

"

"

"

"

"

"

"

"

"

"

"

"

"

"

"

"

"

"

"

"

"

"

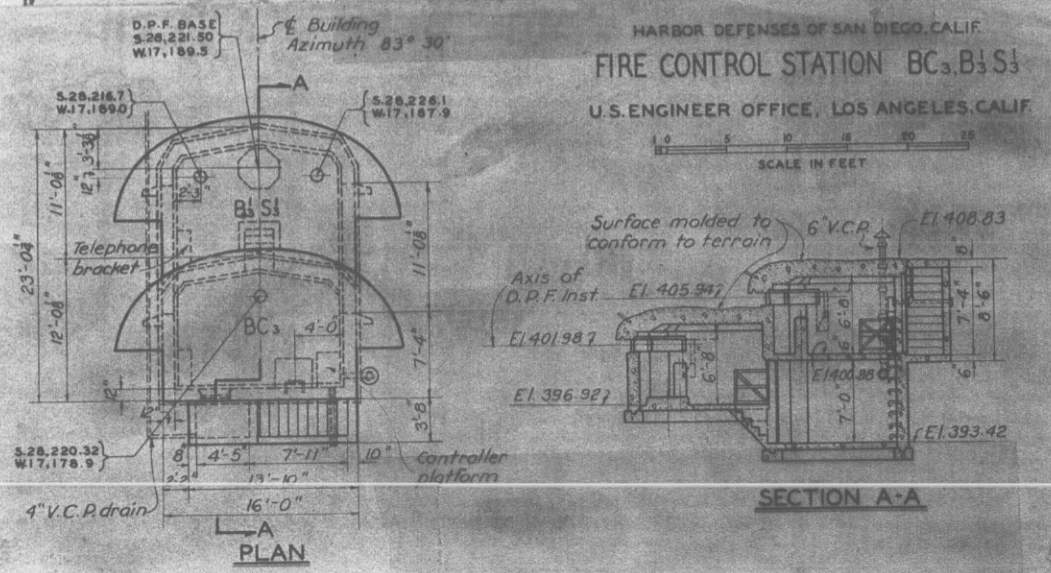
"

"

"

"

"



F-5-462

~~CONFIDENTIAL~~

STRUCTURE:

Location (by coordinates) see drawing attached
 Location (site description) Site No. 7, Cabrillo
 Date of transfer: 27 June 1944
 Cost to that date: \$12,713.05
 Type: 2-level dug-in
 Type of construction
 (a) Roof: Reinforced concrete
 (b) Remainder of bldg.: Reinforced concrete
 How concealed: Earth cover & native growth
 How protected: Earth cover
 Height above concealment: 2'-0" at slot opening
 Height above protection: 2'-0" at slot opening
 Conspicuous at 75 yards

UTILITIES:

Electric power
 Source of: Commercial & 1 auxiliary generator (3 KVA)
 Characteristics: Voltage 125 AC 3 phase, 60 cycle
 Kilowatts required: 0.27
 Type of lighting fixtures: 1-4" porcelain (in bunk rm.)
 Heat
 How heated: Not heated
 Water sewer
 Connected to water mains: No
 Connected to sewer: No
 Type latrine: None

REFERENCE:

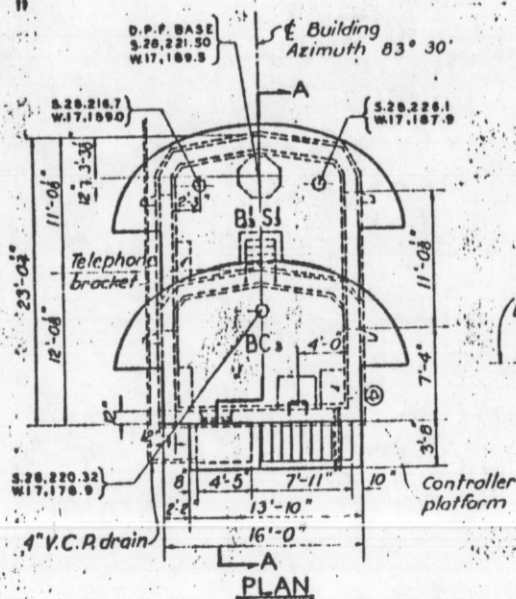
Reference of site: 408.83
 Reference of instrument axis: see drawing attached
 Datum: Mean Lower Low Water
 Origin of U.S.E.D. local coordinates: U.S.C. & G.S.
 station "OLD TOWN."

INSTRUMENTS & EQUIPMENT:

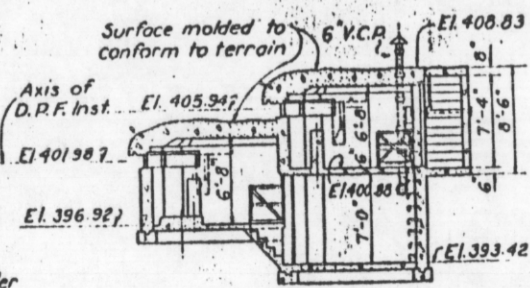
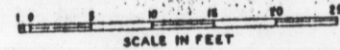
Type of observing inst.: B₃¹ S₃¹: 1-DPF & 1-azimuth
 BC₃: 1-azimuth
 Type of plotting board: None

DATA TRANSMISSION:

Type: Telephone
 Date of transfer: No record (by Signal Corps)



HARBOR DEFENSES OF SAN DIEGO, CALIF.
 FIRE CONTROL STATION BC₃, B₃¹ S₃¹
 U.S. ENGINEER OFFICE, LOS ANGELES, CALIF.



*NW 56
 Light house
 1/2 mile*

F-5-467

600.914 (San Diego)

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structure)

SPEKM-1

HARBOR DEFENSES OF SAN DIEGO,
FORT ROSECRANS
STRUCTURE B₂ S₃

111737

~~CONFIDENTIAL~~

Part II

Corrected to 19 October 1944

Strong

STRUCTURE:

Location (by coordinates) See attached drawing
 Location (site description) Site No. 8 (Point Loma)
 Date of transfer: Not transferred (See "Remarks")
 Cost: ~~\$3,719.66~~ 5821.93
 Type: 1-level dug-in
 Type of construction
 (a) Roof: 1-inch steel plate
 (b) Remainder of bldg.: Reinforced concrete
 How concealed: Painted to blend with terrain
 How protected: Earth cover (below slot openings)
 Height above concealment: 2'-0"
 Height above protection: 2'-0"
 Conspicuous at 100 yards

UTILITIES:

Electric power
 Source of: Commercial; & fortification from Battery 238
 Characteristics: Voltage 110 AC 3-phase
 Kilowatts required: 0.08
 Type of lighting fixtures: Not lighted
 Heat
 How heated: Not heated
 Water sewer
 Connected to water mains: No
 Connected to sewer: No
 Type latrine: None

REFERENCE:

Reference of site: Elevation 348.0
 Reference of instrument axis: 348.84
 Datum: Mean Lower Low Water
 Origin of coordinates: U.S.C. & G.S. Sta. "Old Town"

INSTRUMENTS & EQUIPMENT:

Type of observing inst.: D.P.F.
 Type of plotting board: None

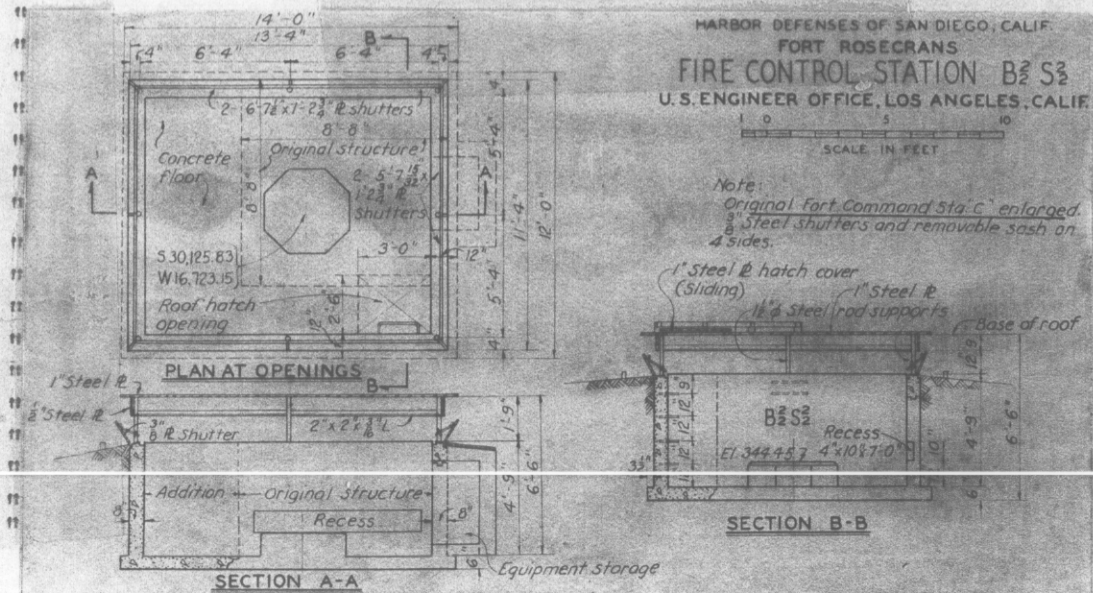
DATA TRANSMISSION:

Type: Telephone
 Date of transfer: No record (Signal Corps item)

REMARKS:

1. Original structure (Fort Commander's Station "C") transferred 24 February 1920; original cost \$2,102.27.
2. Without retransfer to Corps of Engineers, original structure enlarged & splinter-proofed and reassigned to Battery Strong. Modernization cost: ~~\$3,719.66~~, completed February 1943.

$$\begin{array}{r} 2,102.27 \\ 5,821.93 \end{array}$$
3. This report supersedes report dated 24 February 1920, for Fort Commander's Station "C".



~~CONFIDENTIAL~~

600.914 (San Diego) 111984

SPEKM-1

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structure)

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE B₆² S₆³ - B₇³ S₇³

111984

Part II Corrected to 26 October 1944

~~CONFIDENTIAL~~

134 239

av de Emory

STRUCTURE:

Location (by coordinates) See attached drawing
Location (site description) Site 11 (Coronado Beach)
Date of transfer: 3 May 1943
Cost to that date: \$9,756.48
Type: 2-level tower
Type of construction
(a) Roof: Reinforced concrete
(b) Remainder of bldg: Reinforced concrete & wood substructure
How concealed: Simulated water tank; tone-down paint
How protected: Splinter-proof observation stations
Height above concealment: 47'-0" (above ground)
Height above protection: 47'-0" (above ground)
Conspicuous at 500 yards

UTILITIES:

Electric power
Source of: See "Remarks-1"
Characteristics: Voltage 125 AC 3 phase
Kilowatts required: 0.23
Type of lighting fixtures: Direct - 1 each level
Heat
How heated: Not heated
Water sewer
Connected to water mains: No
Connected to sewer: No
Type latrine: None

REFERENCE:

Reference of site: 10.0' (approximate)
Reference of instrument axis: See "Remarks-2"
Datum: Mean Lower Low Water
Origin of coordinates: U.S.C. & G.S. sta. "Old Town"

INSTRUMENTS & EQUIPMENT:

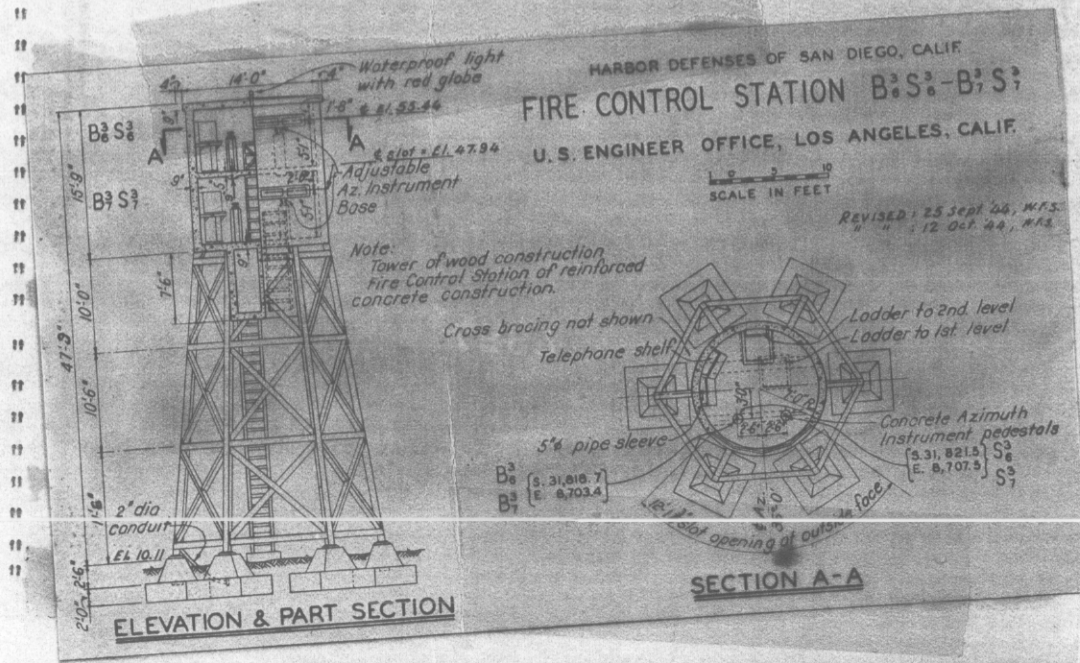
Type of observing inst.: 2 azimuth (in each level)
Type of plotting board: None

DATA TRANSMISSION:

Type: Telephone
Date of transfer: No record (Signal Corps item)

REMARKS:

- Commercial power & 1 - 3 KVA auxiliary generator to serve the subject structure jointly with B₂²S₂²-B₄²S₄², also located at Site 11, requiring 0.23 KW.
- Axis of instrument variable (mounted on adjustable jacks). Center of observation slots: Upper - 55.44; Lower - 47.94



~~CONFIDENTIAL~~

600.914 (San Diego) 114661

SPEKM-1

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structure)

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS

STRUCTURE: B₂³ S₂³ - B₄³ S₄³
STRONG 2 38

~~CONFIDENTIAL~~

Part II Corrected to 9 November 1944

STRUCTURE: 114661 E 8,841.4
Location Center of tower (by coordinates) S 32,032.1
Location (site description) Site No. 11, (Coronado Beach)
Date of transfer: 18 February 1943
Cost to that date: \$12,298.42
Type: 2-level steel tower
Type of construction
(a) Roof: No. 11 gage steel
(b) Remainder of bldg.: Structural steel
How concealed: Simulated water tower
How protected: Not protected
Height above concealment: 50 ft. (above ground)
Height above protection: - -
Conspicuous at 1000 yards

INSTRUMENTS & EQUIPMENT:

Type of observing inst.: 2-azimuth (each level)
Type of plotting board: None

DATA TRANSMISSION:

Type: Telephone
Date of transfer: No record (Signal Corps item)

REMARKS:

Axis of instruments variable (mounted on adjustable jacks) Elevation of center of observation slots:
Upper: 55.96; Lower: 47.96

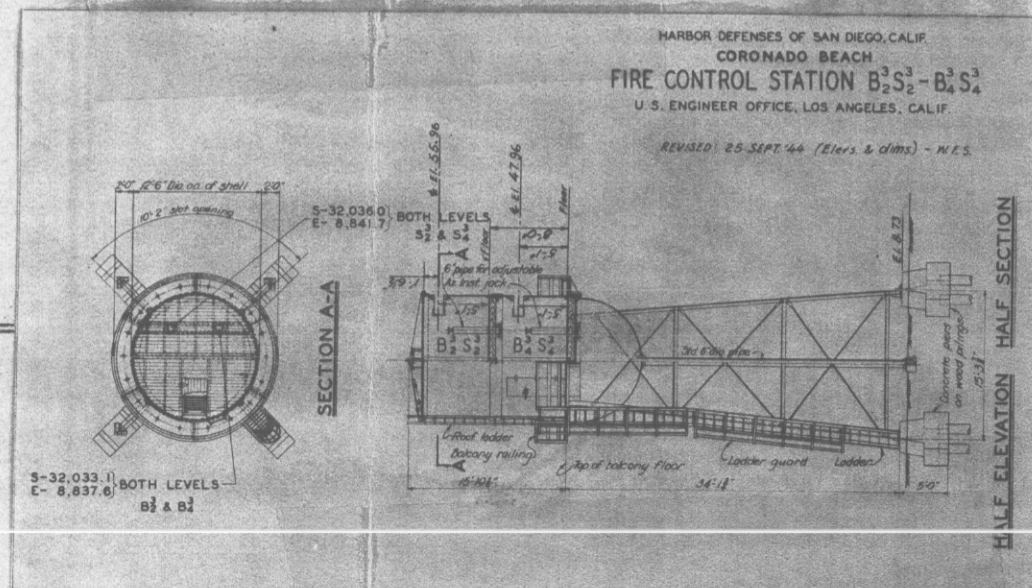
THIS REPORT SUPERSEDES REPORT DATED 10 JULY 1943

UTILITIES:

Electric power
Source of: See "Revisions" on reverse
Characteristics: Voltage 125 AC 3 - Phase
Kilowatts required: 0.23
Type of lighting fixtures: Direct (1 in each level)
Heat
How heated: Not heated
Water sewer
Connected to water mains: No
Connected to sewer: No
Type latrine: None

REFERENCE:

Reference of site: Elevation 8.0' (approximately)
Reference of instrument axis: See "REMARKS"
Datum: Mean Lower Low Water
Origin of coordinates: U.S.C. & G.S. sta. "Old Town"



~~CONFIDENTIAL~~

600.914 (San Diego) 113 354

SPEKM-1

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structure)

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE: BC₆ B₆¹ S₆¹

Part II Corrected to 7 November 1944

~~CONFIDENTIAL~~
113354

Emory

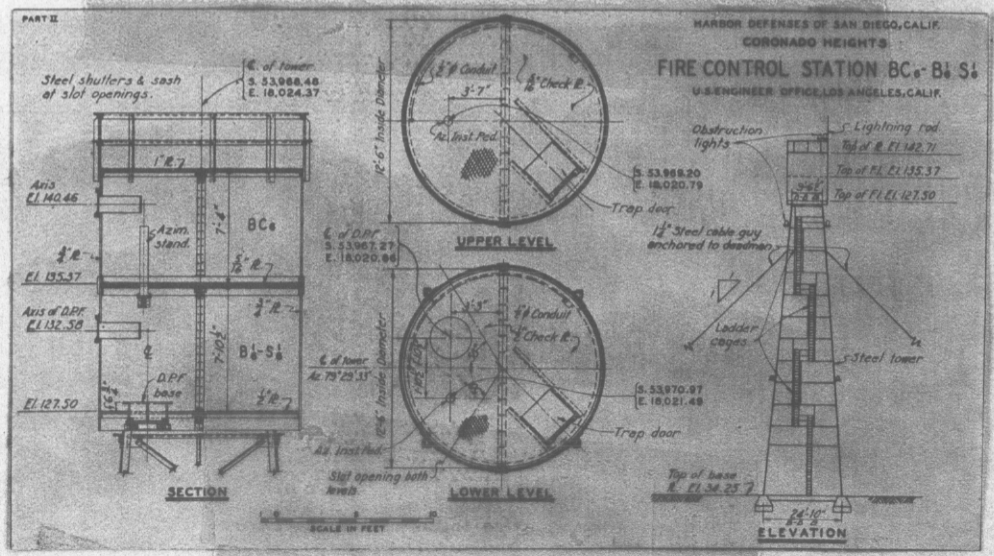
STRUCTURE:
E 18,024.37
Location (by coordinates) S 53,968.48
Location (site description) Site No. 12 (Fort Emory)
Date of transfer: 26 September 1944
Cost to that date: \$17,883.07
Type: Steel tower
Type of construction
(a) Roof: Steel
(b) Remainder of bldg.: Steel
How concealed: Simulated water tank
How protected: Not protected
Height above concealment: 108' (above ground)
Height above protection: - -
Conspicuous at 1000 yards

INSTRUMENTS & EQUIPMENT:
Type of observing inst.: 1 DPF (lower level), 1 azimuth in each level
Type of plotting board: None

DATA TRANSMISSION:
Type: Telephone
Date of transfer: No record (Signal Corps item)

UTILITIES:
Electric power
Source of: Commercial & 1 - 3.0 KVA auxiliary generator
Characteristics: Voltage 125 AC 3 - phase
Kilowatts required: 0.27
Type of lighting fixtures: 1 - direct, each level
Heat
How heated: Not heated
Water sewer
Connected to water mains: No
Connected to sewer: No
Type latrine: None

REFERENCE:
Reference of site: Elevation 34.0 (approximately)
Reference of instrument axis: See drawing attached
Datum: Mean Lower Low Water
Origin of coordinates: U.S.C. & G.S. Sta. "Old Town"



FS-987

~~CONFIDENTIAL~~

6001914 (San Diego) 113353

SPEKM-1

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structure)

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE: BC₇ B₇¹ S₇¹ - SCR 296 (Combined)

Part II Corrected to 8 November 1944

~~CONFIDENTIAL~~ 113353

*L for 739
at Ft Emory*

STRUCTURE: E 18,115.65
Location (by coordinates) S 55,806.78
Location (site description) Site No. 12 (Fort Emory)
Date of transfer: 4 October 1944
Cost to that date: \$29,893.52
Type: 2 level steel tower; SCR-296 on top
Type of construction
(a) Roof: Steel
(b) Remainder of bldg.: Steel
How concealed: Simulated water tank
How protected: Not protected
Height above concealment: 125' above ground (approximately)
Height above protection: - -
Conspicuous at 1000 yards

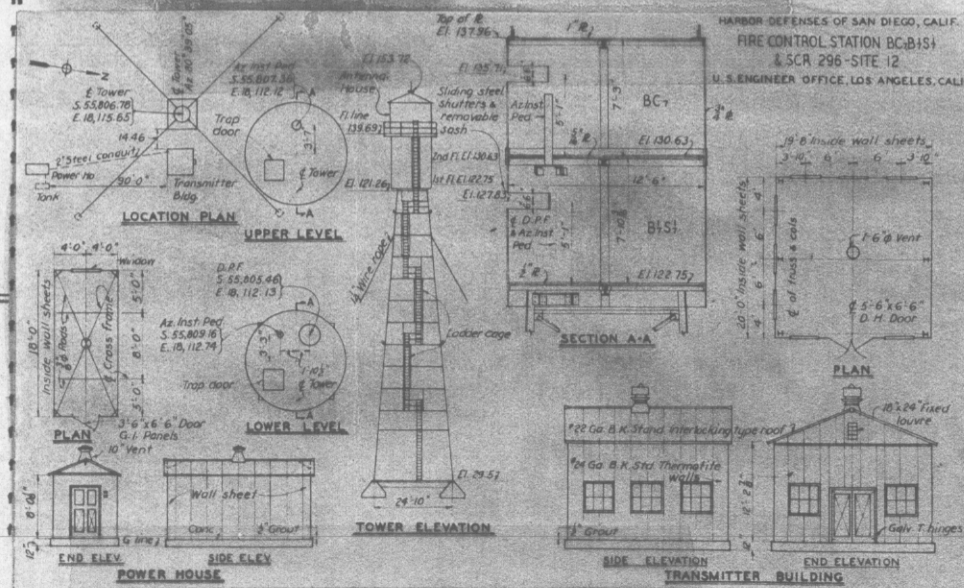
INSTRUMENTS AND EQUIPMENT:
Type of observing inst.: 2-azimuth; 1-DPF; 1-SCR 296
Type of plotting board: None

DATA TRANSMISSION:
Type: Telephone
Date of transfer: No record (Signal Corps item)

REMARKS:
SCR-296 (antenna): Elevation 146.86
BC₇ (azimuth instrument variable) Center of slot:
Elevation 135.71
B₇¹ (axis of D.P.F. instrument): Elevation 127.83

UTILITIES:
Electric power
Source of: Commercial & 1 - 25KVA auxiliary generator
Characteristics: Voltage 125 AC 1 - phase
Kilowatts required: 18.0 (16.3 for SCR-296)
Type of lighting fixtures: Not lighted
Heat
How heated: Not heated
Water sewer
Connected to water mains: No
Connected to sewer: No
Type latrine: None

REFERENCE:
Reference of site: Elevation 29 (approximately)
Reference of instrument axis: See "REMARKS"
Datum: Mean Lower Low Water
Origin of coordinates: U.S.C. & G.S. sta "Old Town"



FS-1732

~~CONFIDENTIAL~~

600.914 (San Diego)

SPEKM-1

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control Structure)

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS (Mex Border)
STRUCTURE: B₆² S₆² - B₂⁶ S₂⁶

1138
~~CONFIDENTIAL~~

Part II

Corrected to 16 October 1944

STRUCTURE:

Location (by coordinates) See drawing attached
Location (site description) Site 13, Mexican Border
Date of transfer: 26 September 1944
Cost to that date: \$10,916.34
Type: 2-level dug-in
Type of construction
(a) Roof: Reinforced concrete
(b) Remainder of bldg.: Reinforced concrete
How concealed: Earth cover & native growth
How protected: Earth cover
Height above concealment: 3'-0" (at slot opening)
Height above protection: 3'-0" (at slot opening)
Conspicuous at 75 yards

INSTRUMENTS & EQUIPMENT:

Type of observing inst.: 1-DPF & 1-azimuth (in each level)
Type of plotting board: None

DATA TRANSMISSION:

Type: Telephone
Date of transfer: No record (Signal Corps item)

REMARKS:

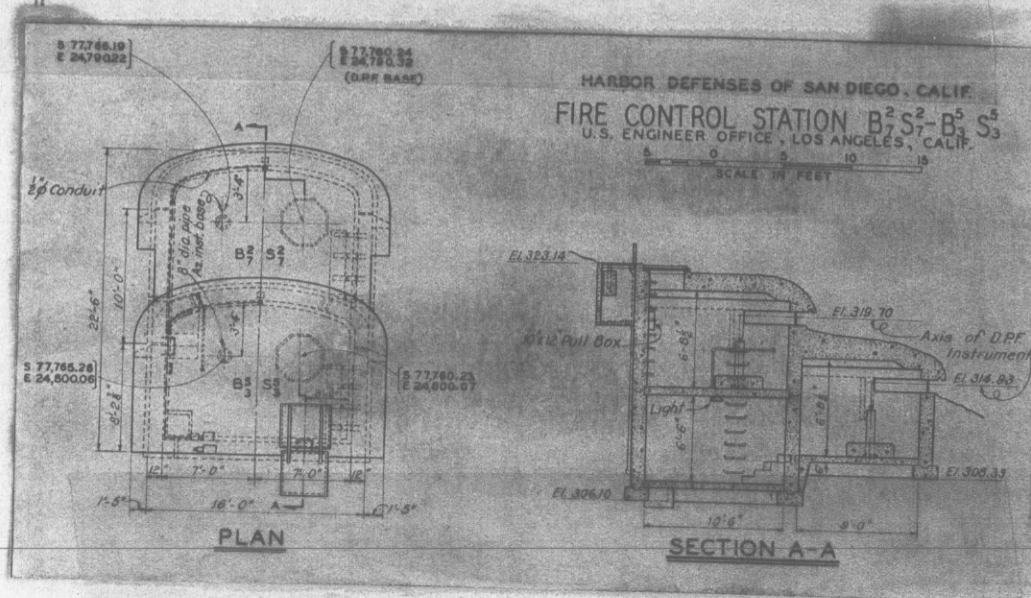
Commercial power & 1 - 3.0 KVA standby generator installed to serve the subject structure jointly with B₁⁴ S₁⁴ - B₁⁴ S₁⁴ and B₂² S₂² - B₃⁵ S₃⁵ also located at this site and requiring 0.24 KW each.

UTILITIES:

Electric power
Source of: See "Remarks"
Characteristics: Voltage 125 AC 3 - phase
Kilowatts required: 0.24
Type of lighting fixtures: porcelain pull-chain (in bunk room)
Heat
How heated: Not heated
Water sewer
Connected to water mains: No
Connected to sewer: No
Type latrine: None

REFERENCE:

Reference of site: Elevation 357.5
Reference of instrument axis: See drawing attached
Datum: Mean Lower Low Water
Origin of coordinates: U.S.C. & G.S. Sta. "Old Town"



FS-720,909

~~CONFIDENTIAL~~

Part II

Corrected to 16 October 1944

~~CONFIDENTIAL~~

Los Rosecrans

STRUCTURE:

Location (by coordinates) See drawing attached
 Location (site description) Site 13, Mexican Border
 Date of transfer: 26 September 1944
 Cost to that date: \$7,675.95
 Type: 2-level dug-in
 Type of construction
 (a) Roof: Reinforced concrete
 (b) Remainder of bldg.: Reinforced concrete
 How concealed: Earth cover & native growth
 How protected: Earth cover
 Height above concealment: 3'-0" (at slot opening)
 Height above protection: 3'-0" (at slot opening)
 Conspicuous at 75 yards

INSTRUMENTS & EQUIPMENT:

Type of observing inst.: 1-azimuth & 1-DPF (each level)
 Type of plotting board: None

DATA TRANSMISSION:

Type: Telephone
 Date of transfer: No record (Signal Corps item)

REMARKS:

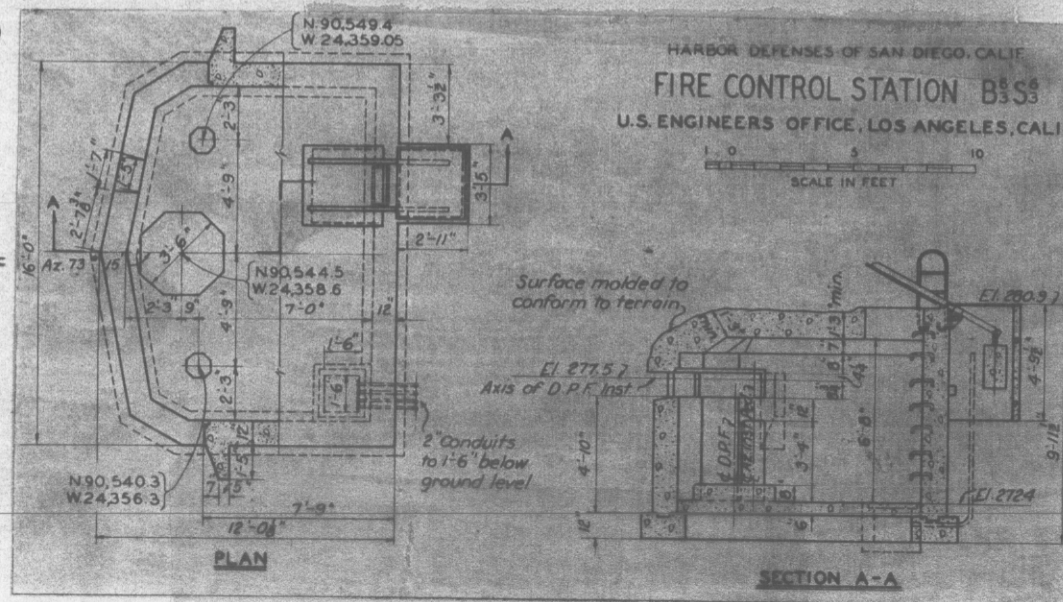
Commercial power and 1 - 3.0 KVA standby generator installed to serve the subject structure jointly with B₁⁴ S₁⁴ - B₁⁴ S₁⁴ and B₆⁶ S₆⁶ - B₆⁶ S₆⁶, also located at this site, and requiring 0.24 KW each.

UTILITIES:

Electric power
 Source of: See "Remarks"
 Characteristics: Voltage 125 AC Phase 3
 Kilowatts required: 0.24
 Type of lighting fixtures: porc. pull-chain (in bunk room)
 Heat
 How heated: Not heated
 Water sewer
 Connected to water mains: No
 Connected to sewer: No
 Type latrine: None

REFERENCE:

Reference of site: Elevation 323.0
 Reference of instrument axis: See drawing attached
 Datum: Mean Lower Low Water
 Origin of coordinates: U.S.C. & G.S. Sta. "Old Town"



~~CONFIDENTIAL~~

600.914 (San Diego) 111739

SPEKM-1

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

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS (Mex Border)
STRUCTURE B₄⁴ S₄⁴ - B₁⁴ S₁⁴
238 237

Part II Corrected to 16 October 1944

~~CONFIDENTIAL~~

J. Rosecrans

~~11739~~
STRUCTURE:

Location (by coordinates) See drawing attached
Location (site description) Site 13, Mexican Border
Date of transfer: 26 September 1944
Cost to that date: \$10,291.95
Type: 2-level dug-in
Type of construction
(a) Roof: Reinforced concrete
(b) Remainder of bldg.: Reinforced concrete
How concealed: Earth cover & native growth
How protected: Earth cover
Height above concealment: 3' at slot opening
Height above protection: 3' at slot opening
Conspicuous at 75 yards

INSTRUMENTS & EQUIPMENT:

Type of observing inst.: 1-DPF & 1-azimuth (in each level)
Type of plotting board: None

DATA TRANSMISSION:

Type: Telephone
Date of transfer: No record (Signal Corps item)

REMARKS:

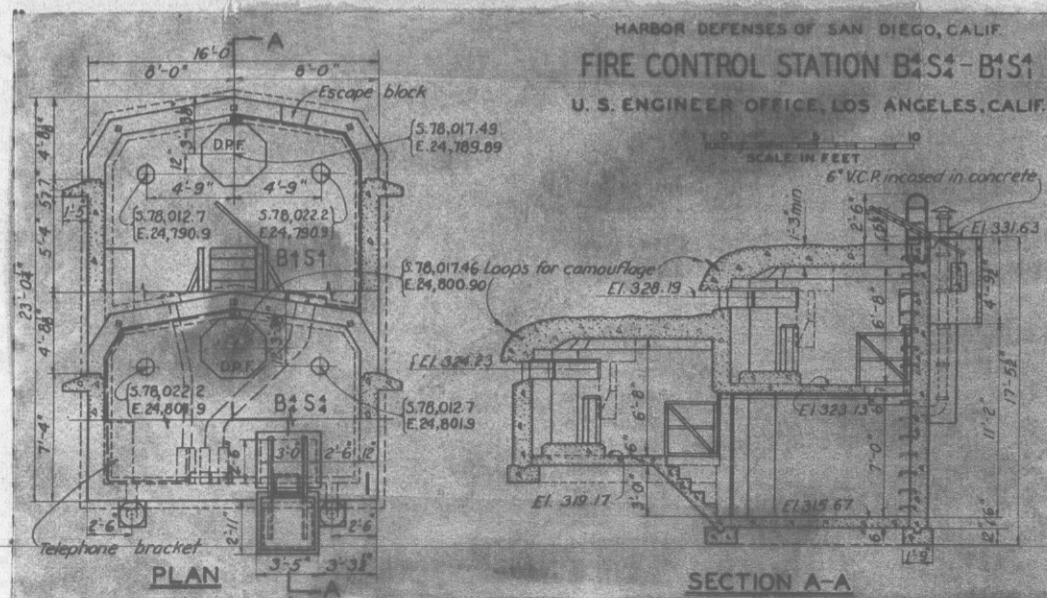
Commercial power and 1 - 3.0 KVA standby generator installed to serve the subject structure jointly with B₂ S₂⁶ - B₆ S₆² and B₇ S₇² - B₃ S₃⁵ also located at this site and requiring 0.24 KW each.

UTILITIES:

Electric power
Source of: See "Remarks"
Characteristics: Voltage 125 AC 3 - phase
Kilowatts required: 0.24
Type of lighting fixtures: Porcelain pull-chain (in Bunk Room)
Heat
How heated: Not heated
Water sewer
Connected to water mains: No
Connected to sewer: No
Type latrine: None

REFERENCE:

Reference of site: Elevation 331.6
Reference of instrument axis: See drawing attached
Datum: Mean Lower Low Water
Origin of coordinates: U.S.C. & G.S. Sta. "Old Town"



~~CONFIDENTIAL~~