

660 (San Diego) CM 30,536

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

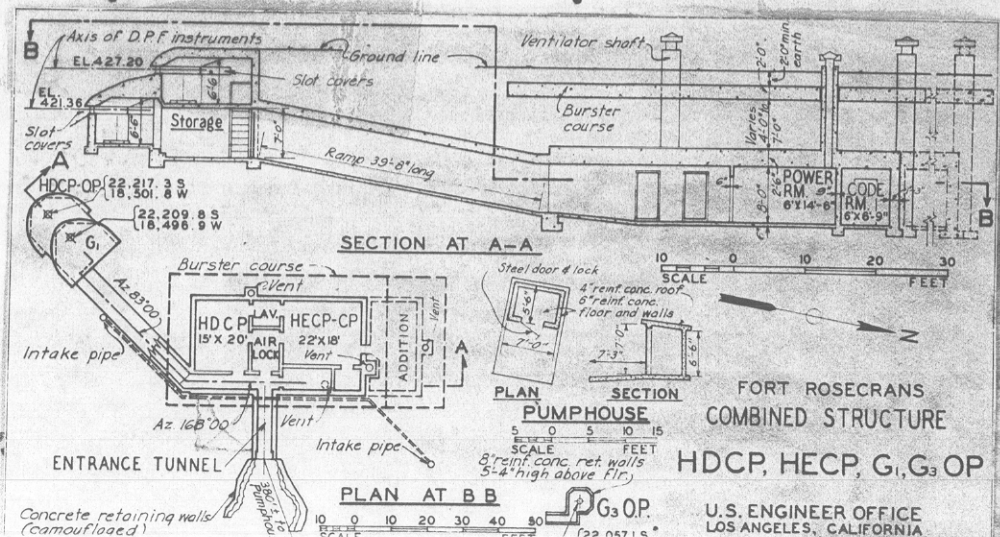
HARBOR DEFENSES OF SAN DIEGO, CALIFORNIA
FORT ROSECRANS

STRUCTURE: HARBOR DEFENSE COMMAND POST,
HARBOR ENTRANCE CONTROL COMMAND POST
GROUP 1 COMMAND POST
GROUP 3 OBSERVATION POST
* Army - Navy Radio Room

30536

Form 2 Corrected to January 20, 1943

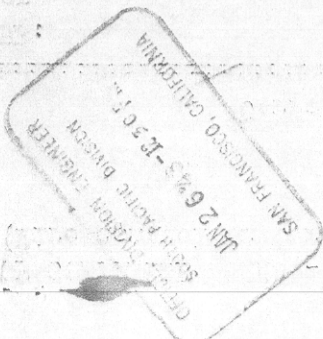
STRUCTURE:	:	: INSTRUMENTS AND EQUIPMENT:	:
Location	: Cemetery Bluff, Point Loma	: Type of observing instru-	: 1 D.P.F. instrument in each
Date of transfer	: October 12, 1942	: ment	: level
Cost to that date	: \$38,668.94	: Type of plotting board	: None
Type of construction	:	:	:
(a) Roof	: Reinforced concrete	: DATA TRANSMISSION:	:
(a) Remainder of building	: Reinforced concrete	: Type of	: Telephone (installed by
How concealed	: Earth cover and native growth	:	: Signal Corps)
How protected	: Earth cover and burster slab,	: Date of transfer	: Not transferred (Signal
	: steel door and slot covers	:	: Corps)
Height above concealment	: 6 feet (at observation stations)	: Cost of data trans. equip.	: Unknown (Signal Corps)
Height above protection	: 6 feet (at observation stations)	: REMARKS:	: Elevations are in feet above
Conspicuous at 100 yards	:	:	: mean lower low water.
	:	:	: Origin of U.S.E.D. local
	:	:	: coordinates is U.S.C. &
	:	:	: G.S. station "Old Town."
	:	:	:
ELECTRIC CURRENT:	:	:	: See Revisions on reverse side
Source of	: Commercial power and stand-by	:	:
	: generator (8 kv.-a)	:	:
Kilowatts required	: 3.7	:	:
Type of lighting fixtures	: Benjamin #26805 - 200 w.	:	:
	:	:	:
HEAT:	:	:	:
How heated	: Not heated	:	:
	:	:	:
WATER AND SEWER:	:	:	:
Connected to water mains	: Yes	:	:
Connected to sewer	: Yes (septic tank)	:	:
Type of latrine	: Frostproof - syphon jet	:	:
Permanent or temporary instln.	: Permanent	:	:
Present condition	: Good	:	:
	:	:	:
REFERENCE:	:	:	:
Reference of site	: S. 22,209.8 - W. 18,496.9	:	:
	: (to upper level D.P.F.)	:	:
Reference of instrument axis	: Elevation 421.36 & 427.20	:	:
Type and capacity of crane	: None	:	:
Max. dim. of reel handled	: None	:	:



See next sheet for Radio Room addition

REVISIONS:

1. Addition to structure added.
2. "G2" changed to "G1".
3. "AAMC" changed to "HECP-CP".
4. "Bunk Room" changed to "Code Room".
5. G3 "OP" added.
6. HDCP "OP" added.
7. Title changed.



600.914 (San Diego) CM 52705

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

52705

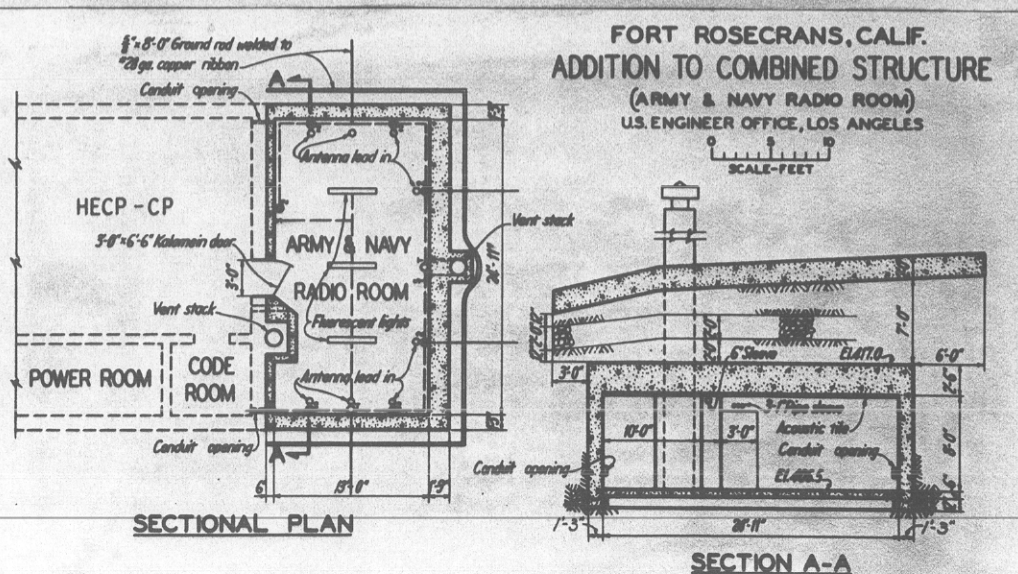
Form 2

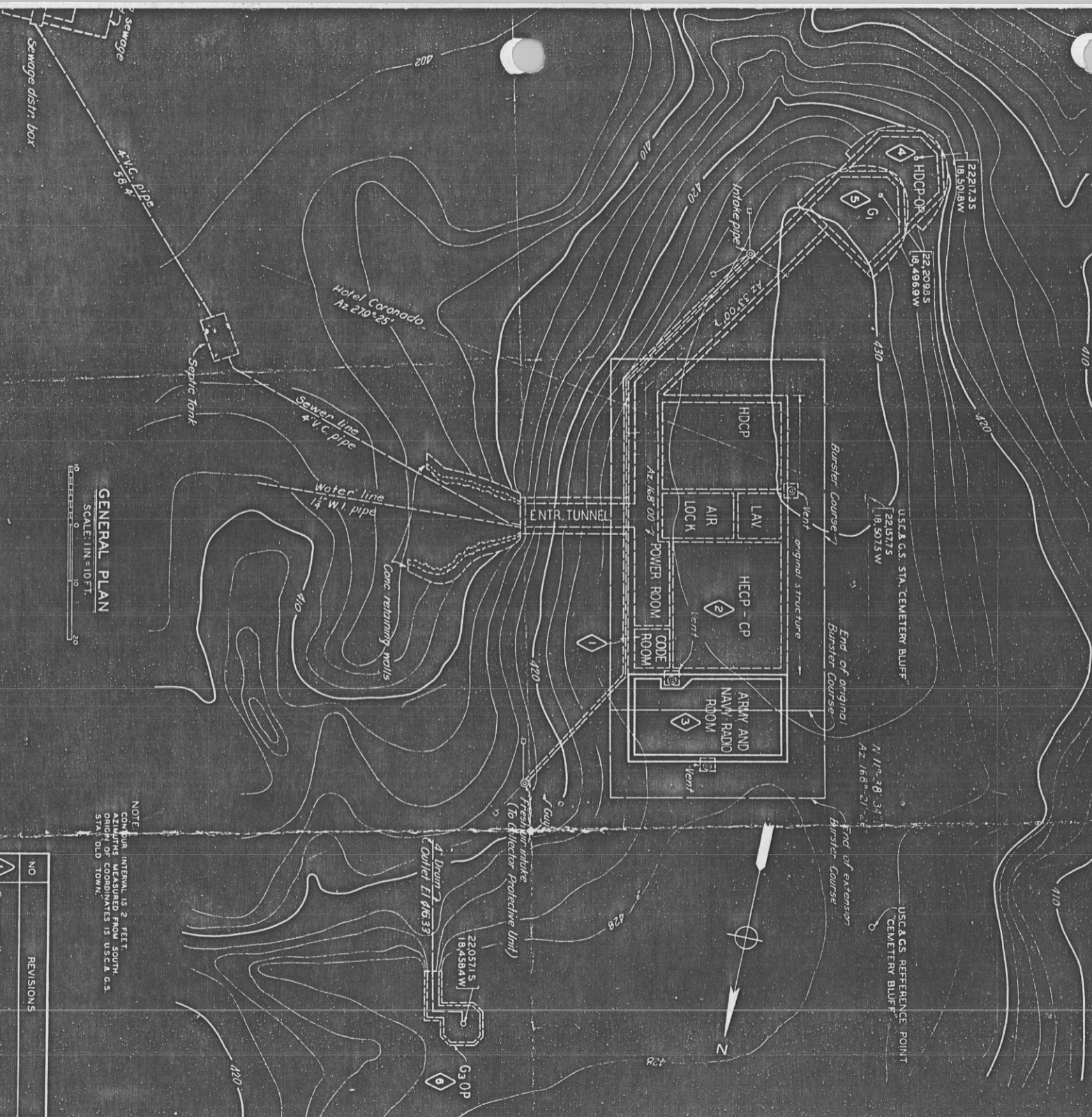
Corrected to June 2, 1943.

HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS

STRUCTURE ADDITION TO HARBOR DEFENSE COMMAND POST
(ARMY AND NAVY RADIO ROOM)

STRUCTURE:	:	INSTRUMENTS AND EQUIPMENT:	:
Location	: Cemetery Bluff, Fort	Type of observing inst.	: None
	: Rosecrans, California	Type of plotting board	: None
Date of transfer	: February 18, 1943.		:
Cost to that date	: \$10,640.73	DATA TRANSMISSION:	:
Type of construction	:	Type of	: Installed by Signal Corps
a) Roof	: Reinforced concrete		:
b) Remainder of Bldg.	: Reinforced concrete	Date of transfer	: Not transferred (Signal Corps)
How concealed	: Earth and native growth	Cost of data transm'n equip.	: Unknown (Signal Corps)
How protected	: Earth and burster slab		:
	:	REMARKS:	:
Height above concealment	: Underground		: 1. Commercial power and 8 kva
Height above protection	: Underground		: standby unit in power room of
Conspicuous at ___ yards	: Underground		: original structure.
ELECTRIC CURRENT:	:		: 2. Water, sewer & latrine in
Source of	: See "Remarks" - 1		: lavatory of original structure.
Kilowatts required	: 0.4		: Origin of coordinates is U.S.C.
Type of lighting fixtures	: Fluorescent		: & G.S. station "Old Town."
HEAT:	:		:
How heated	: Not heated		:
WATER & SEWER:	:		:
Connected to water mains	: No (see "Remarks" - 2)		:
Connected to sewer	: No (see "Remarks" - 2)		:
Type of latrine	: None (see "Remarks" - 2)		:
Permanent or temporary inst'l'n:	Permanent		:
Present condition	: Good		:
REFERENCE:	:		:
Reference of site	: Approx. 22,112 S; 18,487 W		:
Reference of instrument axis	: None		:
Type and capacity of crane	: None		:
Max. dim. of reel handled	: None		:





GENERAL PLAN
SCALE: 1 IN. = 10 FT.

NO	REVISIONS
1	Changes Burm. "cm" to "ccc" "dm"
2	Changes AAMC to HECP-CP
3	Added Army & Navy room
4	Added CP to HDCP
5	Changed G ₂ to G ₁
6	Added D ₂ to G ₃
7	Change G ₁ to G ₂

NOTE
CON. BUR. INTERVAL IS 2 FEET.
AZIMUTHS MEASURED FROM SOUTH C.S. STATION, OLD TOWN.

ENGINE, A. A. H. & SON
RECORDS & BOOKS SECTION
COPY No. 3

APPROVED FOR CO. HD. OF SD. BY

George R. Quinn *19th C.A.*

DATE *3/3/42*

APPROVED FOR COMMANDANT BY *W. L. Eley*

DATE *MAR. 3, 1942*

LIEUT. COMMANDER U.S.N.

HARBOR DEFENSES OF SAN DIEGO, CALIF.
FORT ROSECRANS

ENLARGEMENT OF COMBINED STRUCTURE (ARMY & NAVY RADIO ROOM)

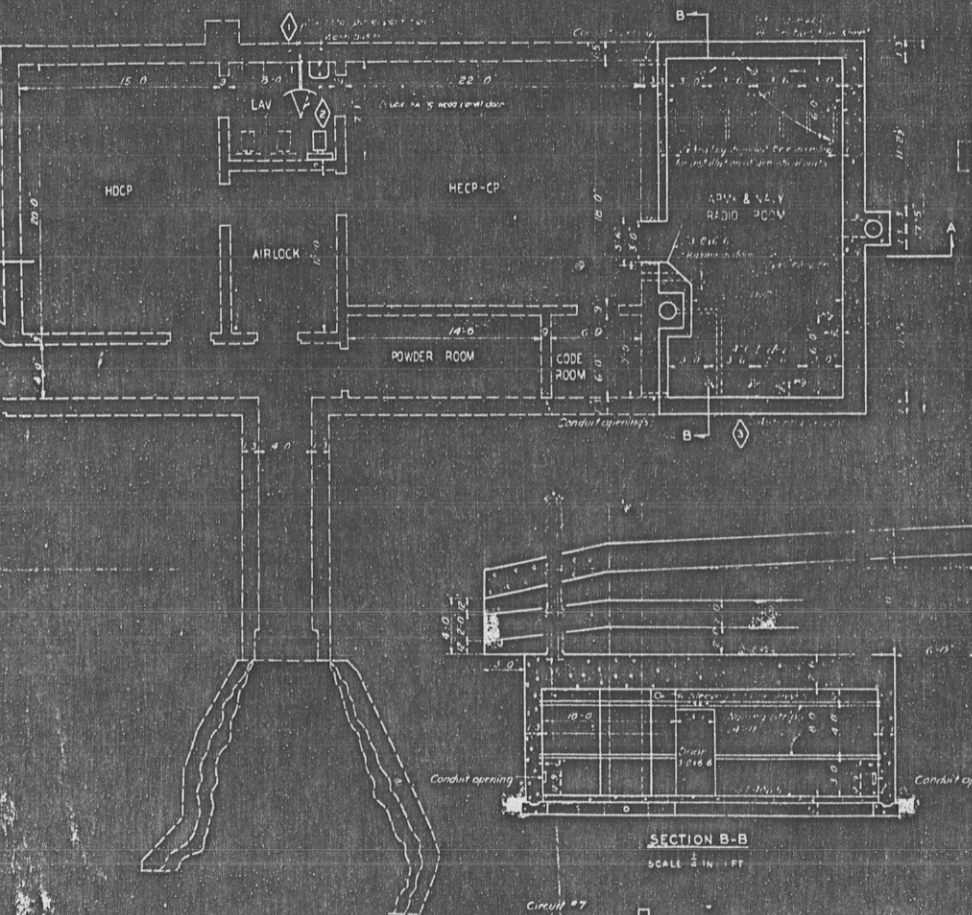
SCALE: 1"=10' FT. IN 5 SHEETS SHEET NO. 1

DATUM IS MEAN LOWER LOW WATER
U. S. ENGINEER OFFICE, LOS ANGELES, CALIF., APRIL 19, 1943

SUBMITTED BY: *[Signature]* APPROVED BY: *[Signature]*

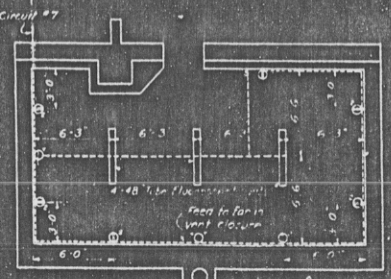
FILE NO.	DRAWING	CHECKED	TO ACCOMPANY
1506-1-3-1	H.B.C.	W.F.S.	SPECIFICATIONS
		R.O.E.	DATED: <i>May 18, 1942</i>

APR 28 1943 RECORD DRAWING - AS BUILT

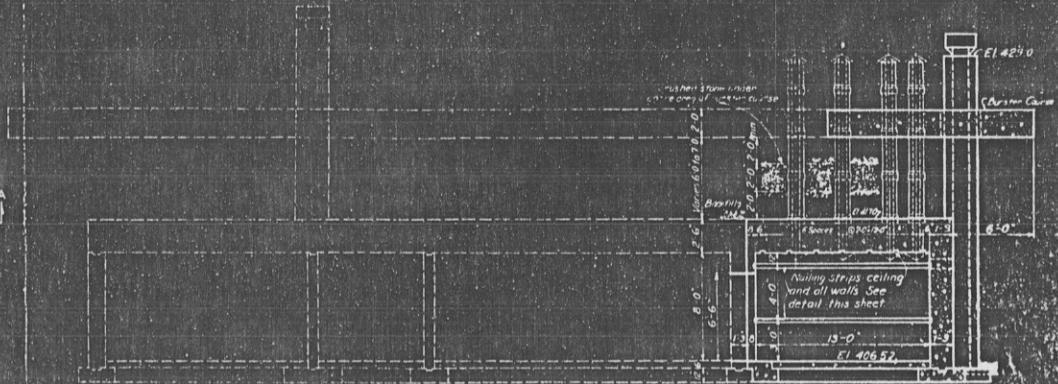


SECTIONAL PLAN
SCALE 2 IN = 1 FT

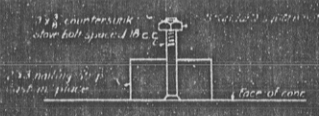
SECTION B-B
SCALE 2 IN = 1 FT



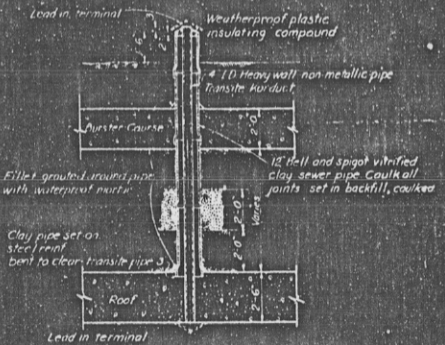
WIRING DIAGRAM
NOT TO SCALE



SECTION A-A
SCALE 4 IN = 1 FT



DETAIL OF NAILING STRIP
NOT TO SCALE



SECTION THROUGH ANTENNA LEAD IN
SCALE 2 IN = 1 FT

NO	REVISIONS
1	Added wood partition floor
2	Proctor to base
3	Added antenna enclosure
4	Added masonry door

REV NO	DATE	REVISION	REV	CHK	APP

HARBOR DEFENSES OF SAN DIEGO, CALIF.
FORT ROSECRANS
 ENLARGEMENT OF COMBINED STRUCTURE
 (ARMY & NAVY RADIO ROOM)
PLAN AND SECTIONS

SCALE: AS SHOWN IN 5 SHEETS SHEET NO 2
 DATUM IS MEAN LOWER LOW WATER
 U.S. ENGINEER OFFICE, LOS ANGELES, CALIF., APRIL 1945

SUBMITTED BY: *[Signature]* APPROVED BY: *[Signature]*
 CIVIL ENGINEER & ARCHT. & LAND SURVEYOR REGISTERED PROFESSIONAL ENGINEER

PROJ. 44-8 SUBD. 1
 PLAN & SECTION
 CITY No. 9

660 (San Diego) CM 24477

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Electric plants)

HARBOR DEFENSES OF SAN DIEGO, CALIFORNIA
FORT ROSECRANS
POWER FOR: HARBOR DEFENSE COMMAND POST,
ANTI-AIRCRAFT MESSAGE CENTER,
GROUP 2 AND GROUP 3 COMMAND STATIONS

W-24777

Form 5

Corrected to December 1, 1942

	Serial No.	Type	Size	Manufacturer	Date of transfer	Cost	Condition	R.p.m.	drive	Radio- Type for of engine	Fuel	Switchboard Material	No. of panels
Boiler No. 1	---												
No. 2	---												
No. 3	---												
Engine No. 1	---												
No. 2	---												
No. 3	---												
Generator No. 1	---												
No. 2	---												
No. 3	---												
Radiator No. 1	---												
No. 2	---												
No. 3	---												
Motor gen. No. 1	46481	SR61	8 kv.-a: 60 c.	Kohler	10/12/42	\$1,140.62*	Good	1200	direct	29814	Gasoline	1/4" steel	1
No. 2	---												
No. 3	---												
Switchboard	---	NMM08- 3-AB-S	25"x40"	Westing- house	10/12/42	\$51.70	Good	---	---	---	---	1/4" steel	1
Storage battery	---	2-16v units	32v-68a	Willard	10/12/42	\$59.80	Good	---	---	---	---	---	---
Transformer													
No. 1	---												
No. 2	---												
No. 3	---												
Auxiliary No. 1	---												
No. 2	---												
No. 3	---												

Distribution of kw.:

- 2.8 - lights
- .9 - motor c.w.s. unit
- .4 - lighting for additional room (completed, October 1942)

*Cost includes storage battery (\$59.80)

600.914 (San Diego) 104402

SPEKM-1

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS

HARBOR DEFENSES OF SAN DIEGO FORT ROSECRANS STRUCTURE H.E.C.P. RADIO TRANSMITTING STATION

Part II (Modified) Corrected to 20 July 1944

~~CONFIDENTIAL~~

STRUCTURE: W 16,600
 Location: S 25,550
 Location: Site No. 9 (East Fort Rosecrans)
 Date of transfer: 18 March 1943
 Cost to that date: \$38,693.50
 Type of construction
 (a) Roof: Reinforced concrete
 (b) Remainder of bldg.: Reinforced concrete
 How concealed: Earth cover & native growth
 How protected: Earth cover & burster roof
 Height above concealment: (Underground)
 Height above protection: (Underground)
 Conspicuous at 100 yards

UTILITIES:
 Electric power
 Source of: Commercial
 Characteristics: Voltage 2400/240/120 AC 3 phase, 60 cycle
 Type of lighting fixtures: Direct
 Heat
 How heated: Not heated
 Water sewer
 Connected to water mains: No
 Connected to sewer: No
 Type latrine: None

REFERENCE:
 Reference of site: 250.0' above M.L.L.W.
 Origin of U.S.E.D. local coordinates is U.S.C. & G.S.
 Station "OLD TOWN."

~~CONFIDENTIAL~~

