### 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*

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**Form 2**

**Corrected to January 20, 1943**

### STRUCTURE:

<table>
<thead>
<tr>
<th>Location</th>
<th>Cemetery Bluff, Point Loma</th>
</tr>
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<tbody>
<tr>
<td>Date of transfer</td>
<td>October 12, 1942</td>
</tr>
<tr>
<td>Cost to that date</td>
<td>$38,668.94</td>
</tr>
</tbody>
</table>

**Type of construction**

<table>
<thead>
<tr>
<th>(a) Roof</th>
<th>Reinforced concrete</th>
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</thead>
<tbody>
<tr>
<td>Remainder of building</td>
<td>Reinforced concrete</td>
</tr>
</tbody>
</table>

**How concealed**

- Earth cover and native growth
- Steel door and slot covers

**Height above concealment**

- 6 feet (at observation stations)
- 6 feet (at observation stations)

**Height above protection**

- Conspicuous at 100 yards

### ELECTRIC CURRENT:

<table>
<thead>
<tr>
<th>Source of</th>
<th>Commercial power and stand-by generator (8 kw.-a)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kilowatts required</td>
<td>3.7</td>
</tr>
<tr>
<td>Type of lighting fixtures</td>
<td>Benjamin #26805 - 200 w.</td>
</tr>
</tbody>
</table>

### HEAT:

- Not heated

### WATER AND SEWER:

- Connected to water mains: Yes
- Connected to sewer: Yes (septic tank)
- Type of latrine: Frost-proof - syphon jet
- Permanent or temporary inst.: Permanent
- Present condition: Good

### REFERENCE:

- Reference of site: S. 22° 209.8' - W. 18° 496.9'
- Reference of instrument axis (to upper level D.P.F.): Elevation 421.36 & 421.20
- Max. dim. of reel handled: None

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**INSTRUMENTS AND EQUIPMENT:**

| Type of observing instrument | 1 D.P.F. instrument in each level |
| Type of plotting board | None |

**DATA TRANSMISSION:**

| Type of | Telephone (installed by Signal Corps) |
| Date of transfer | Not transferred (Signal Corps) |

**Elevations are in feet above mean lower low water.**


**REMARKS:**

- See Revisions on reverse side

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REVISIONS:
1. Addition to structure added.
2. "G2" changed to "G1".
3. "AAMO" changed to "HECEP-OP".
4. "Bunk Room" changed to "Code Room".
5. G3 "OP" added.
6. HDGP "OP" added.
7. Title changed.
HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE ADDITION TO HARBOR DEFENSE COMMAND POST
(ARMY AND NAVY RADIO ROOM)

52705
Corrected to June 2, 1943.

STRUCTURE:
Location: Cemetery Bluff, Fort Rosecrans, California
Date of transfer: February 18, 1943.
Cost to that date: $10,640.73
Type of construction:
   a) Roof: Reinforced concrete
   b) Remainder of Bldg.: Reinforced concrete
How concealed: Earth and native growth
How protected: Earth and burster slab
Height above concealment: Underground
Height above protection: Underground
Conspicuous at: Underground

ELECTRIC CURRENT:
Source of: See "Remarks" - 1
Kilowatts required: 0.4
Type of lighting fixtures: Fluorescent

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': Permanent
Present condition: Good

REFERENCE:
Reference of site: Approx. 22°11'12" S; 18°48'7" W
Reference of instrument axis: None
Type and capacity of crane: None
Max. dim. of reel handled: None

INSTRUMENTS AND EQUIPMENT:
Type of observing inst.: None
Type of plotting board: None

DATA TRANSMISSION:
Type of: Installed by Signal Corps
Date of transfer: Not transferred (Signal Corps)
Cost of data transm'eq.: Unknown (Signal Corps)

REMARKS:
1. Commercial power and 8 kva standby unit in power room of original structure.
2. Water, sewer & latrine in lavatory of original structure.
Origin of coordinates is U.S.C. & G.S. station "Old Town."

FORT ROSECRANS, CALIF.
ADDITION TO COMBINED STRUCTURE
(ARMY & NAVY RADIO ROOM)
U.S. ENGINEER OFFICE, LOS ANGELES

SECTIONAL PLAN
SECTION A-A
## REPORT OF COMPLETED WORKS - SEACAST FORTIFICATIONS

**(Electric plants)**

**Form 5**

Corrected to December 1, 1942

<table>
<thead>
<tr>
<th>Serial: No.</th>
<th>Type</th>
<th>Size</th>
<th>Manufacturer</th>
<th>Date of Transfer</th>
<th>Cost</th>
<th>Condition</th>
<th>R.P.M.</th>
<th>Drive</th>
<th>No.</th>
<th>Fuel</th>
<th>Material</th>
<th>No. of Panels</th>
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<td>Boiler No. 1</td>
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<td>Radiator No. 1</td>
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<tr>
<td>Motor gen. No. 1</td>
<td>46481</td>
<td>8R61</td>
<td>8 kv.-a: Kohler</td>
<td>10/12/42: $1,140.62*</td>
<td>Good</td>
<td>1200: direct</td>
<td>29814: Gasoline</td>
<td>1/4&quot; steel</td>
<td>1</td>
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<tr>
<td>Switchboard</td>
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<td>NMM08-3-A3-S</td>
<td>25&quot; x 10&quot;: Westing</td>
<td>10/12/42: $51.70</td>
<td>Good</td>
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<td>1/4&quot; steel</td>
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<td>Storage battery:</td>
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<td>3-A3-S</td>
<td>---: house</td>
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<tr>
<td>Transformer</td>
<td>2-16v units: 32v-68a: Willard</td>
<td>10/12/42: $59.80</td>
<td>Good</td>
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</table>

**Distribution of kw.:**

- 2.3 - lights
- 0.9 - motor c.w.s. unit
- 0.4 - lighting for additional room (completed, October 1942)

*Cost includes storage battery ($59.80)
HARBOR DEFENSES OF SAN DIEGO
FORT ROSECRANS
STRUCTURE H.E.C.P. RADIO TRANSMITTING STATION

CONFIDENTIAL

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS

Part II (Corrected to 20 July 1944)

STRUCTURE: W 16,600
Location: S 25,550
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
(c) 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 2100/240/120 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."