**CONFIDENTIAL**

**HARBOR DEFENSES OF...San Francisco.................................**

**FORT....Baker....................................................**

**STRUCTURE..Launchway Housing...................................**

**REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS**

(5/20/42)

**Launchway Housing Corrected to October 1942**

<table>
<thead>
<tr>
<th>STRUCTURE:</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of transfer</td>
<td>June 1, 1943</td>
</tr>
<tr>
<td>Cost to that date</td>
<td>$8457.15</td>
</tr>
</tbody>
</table>

**Type of construction:**
- **Roof:** Asphaltic shingles
- **Frame walls, concrete floor:** Conspicuous at 1000 yards
- **Camouflage painting and foundations:** Not protected
- **Height above concealment:** 23-1/2 feet
- **Height above protection:** 23-1/2 feet

**ELECTRIC CURRENT:**
- **Source of Kilowatts required:** Commercial AC & Motor Generator 12 KW Max.
- **Type of lighting fixtures:** RIM 150 w Refractors
- **How heated:** Yes, hose bib outside of bldg.
- **WATER & SEWER:** Connected to water mains
- **Suitable to sewer:** None
- **Type of latrine:** Permanent or temp. instl.
- **Present condition:** None

**REFERENCE:**
- **Reference of site:** None
- **Reference of inst. axis:** None
- **Elev. of inst. pedestal:** 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 Date of transfer:** Not applicable
- **Cost of data transmission equip.:** 15 HP Motor by Engineers
- **For tide stations give description of tide gauge:** 6 other motors by using service
- **For datum points give forts from which visible:** Total HP = 11.25
- **For dormitories give sta. served:** To other motors by using

**Remarks**

See Form 7 accompanying.
<table>
<thead>
<tr>
<th><strong>Location</strong></th>
<th>Fort Baker - on west side of road opposite existing submarine mine wharf</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Date of transfer</strong></td>
<td>June 6, 1941</td>
</tr>
<tr>
<td><strong>Cost to that date</strong></td>
<td>$74,430.69</td>
</tr>
<tr>
<td><strong>Type of construction</strong></td>
<td></td>
</tr>
<tr>
<td>- <strong>Roof</strong></td>
<td>Reinforced concrete</td>
</tr>
<tr>
<td>- <strong>Remainder of building</strong></td>
<td>Reinforced concrete</td>
</tr>
<tr>
<td><strong>How concealed</strong></td>
<td>Earth cover</td>
</tr>
<tr>
<td><strong>How protected</strong></td>
<td>Earth cover</td>
</tr>
<tr>
<td><strong>Height above concealment</strong></td>
<td>Not above concealment</td>
</tr>
<tr>
<td><strong>Height above protection</strong></td>
<td>Not above protection</td>
</tr>
<tr>
<td><strong>Conspicuous at</strong></td>
<td>Not visible from sea</td>
</tr>
<tr>
<td><strong>Source of electric current</strong></td>
<td>Commercial power and standby power plant</td>
</tr>
<tr>
<td><strong>Kilowatts required</strong></td>
<td>10.30 k.w.</td>
</tr>
<tr>
<td><strong>Type of lighting fixtures</strong></td>
<td>Vapor-Tight with reflectors</td>
</tr>
<tr>
<td><strong>How heated</strong></td>
<td>Not heated</td>
</tr>
<tr>
<td><strong>Connected to water mains</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Connected to sewer</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Type of latrine</strong></td>
<td>Concrete building; flush type facilities; disposal to bay</td>
</tr>
<tr>
<td><strong>Permanent or temporary installation</strong></td>
<td>Permanent installation</td>
</tr>
<tr>
<td><strong>Present condition</strong></td>
<td>New</td>
</tr>
<tr>
<td><strong>Reference of site</strong></td>
<td>-</td>
</tr>
<tr>
<td><strong>Reference of instrumental axis</strong></td>
<td>-</td>
</tr>
<tr>
<td><strong>Type of observing instrument</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Type of plotting board</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Type and capacity of crane</strong></td>
<td>6 - 1/2-ton hand trolley hoists</td>
</tr>
<tr>
<td><strong>Maximum dimensions of reel handled</strong></td>
<td>-</td>
</tr>
</tbody>
</table>

**Type of data transmission** : None

**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 : -

![Map of Mine Loading Rooms, Fort Baker, California]
REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Fire Control or Torpedo Structures)

Form 2 Corrected to June 6, 1941

Location:
- Fort Baker - On west side of road approximately 500 feet north of existing submarine mine wharf

Date of transfer:
- June 6, 1941
- Cost of data transmission equipment:

Type of data transmission:
- None

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:

Kilowatts required:
- 0.06 k.w.

Type of lighting fixtures:
- USED SF-1 (1 only)

How heated:
- Not heated

Connected to water mains:
- No

Connected to sewer:
- No

Type of latrine:
- None

Permanent installation:

Present condition:
- New

Reference of site:

Reference of instrumental axis:
- None

Type of observing instrument:

Type of plotting board:

Type and capacity of crane:
- None

Maximum dimensions of reel handled:

COAST DEFENSES OF SAN FRANCISCO, CALIFORNIA

FORT BAKER

STRUCTURE - DETONATOR MAGAZINE

DETONATOR MAGAZINE

FORT BAKER

CALIFORNIA
REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS
(Torpedo Structures)

Form 2
Corrected to June 6, 1941

Location
Fort Baker - On east side of road approximately 600 feet north of existing submarine mine wharf.

Date of transfer
June 6, 1941

Cost to that date
$80,645.00

Type of data transmission
None

Date of transfer
d -

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 -

Pump: A Deming Mueller self-priming centrifugal pump direct-driven by a 5 H.P. induction motor is installed in building to pump sea water from bay to tanks.

Crane: A Shepard Miles Electric crane with remote Multiple-Speed push button control is installed.

Type of construction
(a) Roof
Corrugated asbestos on steel roof trusses
(b) Remainder of building
Corrugated asbestos siding, reinforced concrete tanks

How concealed
Not concealed

How protected
Not protected

Height above concealment
Not visible from sea

Height above protection
Commercial power and stand-by power plant

Kilowatts required
Lights - 2.70 k.w.
Motors - 28.62 k.w.

Type of lighting fixtures
Vapor-tight with reflectors

How heated
Not heated

Type of water mains
Connected to sewer

Type of latrine
None

Permanent or temporary installation
Permanent installation

Present condition
New

Reference of site
-

Reference of instrumental axis
-

Type of observing instrument
-

Type of plotting board
-

Type and capacity of crane
7½ ton electric traveling crane

Max. dimensions of reel handled
6 ft. diameter x 5 ft. wide
Location: Fort Baker - On west side of road, approximately 260 feet north of existing submarine mine wharf.

Date of transfer: June 6, 1941

Cost to that date: $5,809.13

Type of construction -
(a) Roof: Reinforced concrete
(b) Remainder of building: Reinforced concrete

How concealed: Earth cover

How protected: Earth cover

Height above concealment: Not above concealment

Height above protection: Not above protection

Conspicuous at --- yards: Not visible from sea

Source of electric current: Commercial power and stand-by power plant

Kilowatts required: 0.12 k.w.

Type of lighting fixtures: USED SP-1

How heated: Not heated

Connected to water mains: No

Connected to sewer: No

Type of latrine: None

Permanent or temporary: Permanent installation

Present condition: New

Reference of site: Elevation

Reference of instrumental axis: None

Type of observing instrument: None

Type of plotting board: None

Type and capacity of crane: None

Maximum dimensions of reel handled: ---
<table>
<thead>
<tr>
<th>Location</th>
<th>Type of data transmission</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fort Baker - On west side of road approximately 1100 feet north of existing submarine mine wharf</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date of transfer</th>
<th>Cost to that date</th>
<th>T-3 of construction - (a) Roof</th>
<th>Type of data transmission equipment</th>
<th>Date of transfer</th>
<th>Cost of data transmission equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 6, 1941</td>
<td>$72,600.58</td>
<td>Corrugated asbestos on steel roof trusses</td>
<td>For tide stations give description of tide gauge</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reinforced concrete</td>
<td>For datum points give forts from which visible</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Not concealed</td>
<td>For dormitories give stations served</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Not protected</td>
<td>For cable hut give S.C. type</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How concealed</th>
<th>Height above concealment</th>
<th>Height above protection</th>
<th>Conspicuous at - yards</th>
<th>Source of electric current</th>
<th>Kilowatts required</th>
<th>Type of lighting fixtures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not concealed</td>
<td>Not above concealment</td>
<td>Not above protection</td>
<td>Not visible from sea</td>
<td>Commercial power and standby plant</td>
<td>6.03 k.w.</td>
<td>Alzac Al High-bay and Vapor tight with reflectors</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How heated</th>
<th>Connected to water mains</th>
<th>Connected to sewer pipe of latrine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not heated</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Permanent or temporary installation</th>
<th>Present condition</th>
<th>Reference of site</th>
<th>Reference of instrumental axis</th>
<th>Type of observing instrument</th>
<th>Type of plotting board</th>
<th>Type and capacity of crane</th>
<th>Maximum dimensions of reel handled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permanent</td>
<td>New</td>
<td>-</td>
<td>-</td>
<td>None</td>
<td>None</td>
<td>2 - 3-ton hand-operated traveling cranes</td>
<td>-</td>
</tr>
</tbody>
</table>
### WHARF

- **Location**: Fort Baker, Calif.
- **Date of transfer**: February 10, 1938
- **Cost to that date**: $148,167.22
- **Paid for by**: Seacoast Defenses, 1938; P.A.
- **Type of construction**: Piles with transverse beams and longitudinal slabs.
- **Materials of construction**: Reinforced concrete piles, beams, and deck with bituminous membrane underdeck and asphalt deck surf.
- **Type of cement**: Standard low-heat cement as per Chief of Engrs. specs., 1935
- **Depth of water-datum**: 24.7' to 0 at MLLW
- **Range of tide**: Mean 3.9; Diurnal 5.7
- **Davits installed**: None
- **Type and capacity of derrick**: None
- **Wharf used by**: C.A.C., Q.M.C.
- **Condition**: Excellent
- **Remarks**: None

### TRAMWAY

- **Location**: On wharf only
- **Date of transfer**: February 10, 1938
- **Length**: 890 feet
- **Gauge**: 3 feet
- **Steepest grade**: 0
- **Equipment**: None
- **Condition**: Excellent
- **Remarks**: None

---

*Paste on blueprint of tramway showing connections with buildings and wharf.*
CONFIDENTIAL

C-131

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS

LAUNCHWAY & BERTHING SLIPS

Corrected to October 1942

Ft. Baker


dd

BERTHING SLIPS

Location

Date of transfer

Cost to that date

Paid for by

Type of construction

Materials of construction

Type of cement

Depth of water-datum

Mean range of tide

Davits installed

Type and capacity of derrick

Wharf used by

Condition

Remarks

Near Submarine Mine Wharf
Horseshoe Bay - Ft. Baker
June 1 - 1943

$40,119.49

Eng 139P96A 1205-01

Seacoast defenses/Eng 68P96A 1205-01

Inclined trestle & pier walkway

Creosoted piling, framing timbers & steel rails

None

8.6 max - Datum 0.00 MLW

Mean 3.95 - Diurnal 5.66

None

None

Coast artillery corps

Now

See accompanying Form 7 for plan of

Boat Basin, Berthing slips, Launchway

and breakwater.

LAUNCHWAY

Location

Date of transfer

Cost

Length

Gauge

Steepest grade

Equipment

Condition

Remarks

* Included in above

240'

10.625%

Boat cradle

New

Other equipment with launchway

housing.