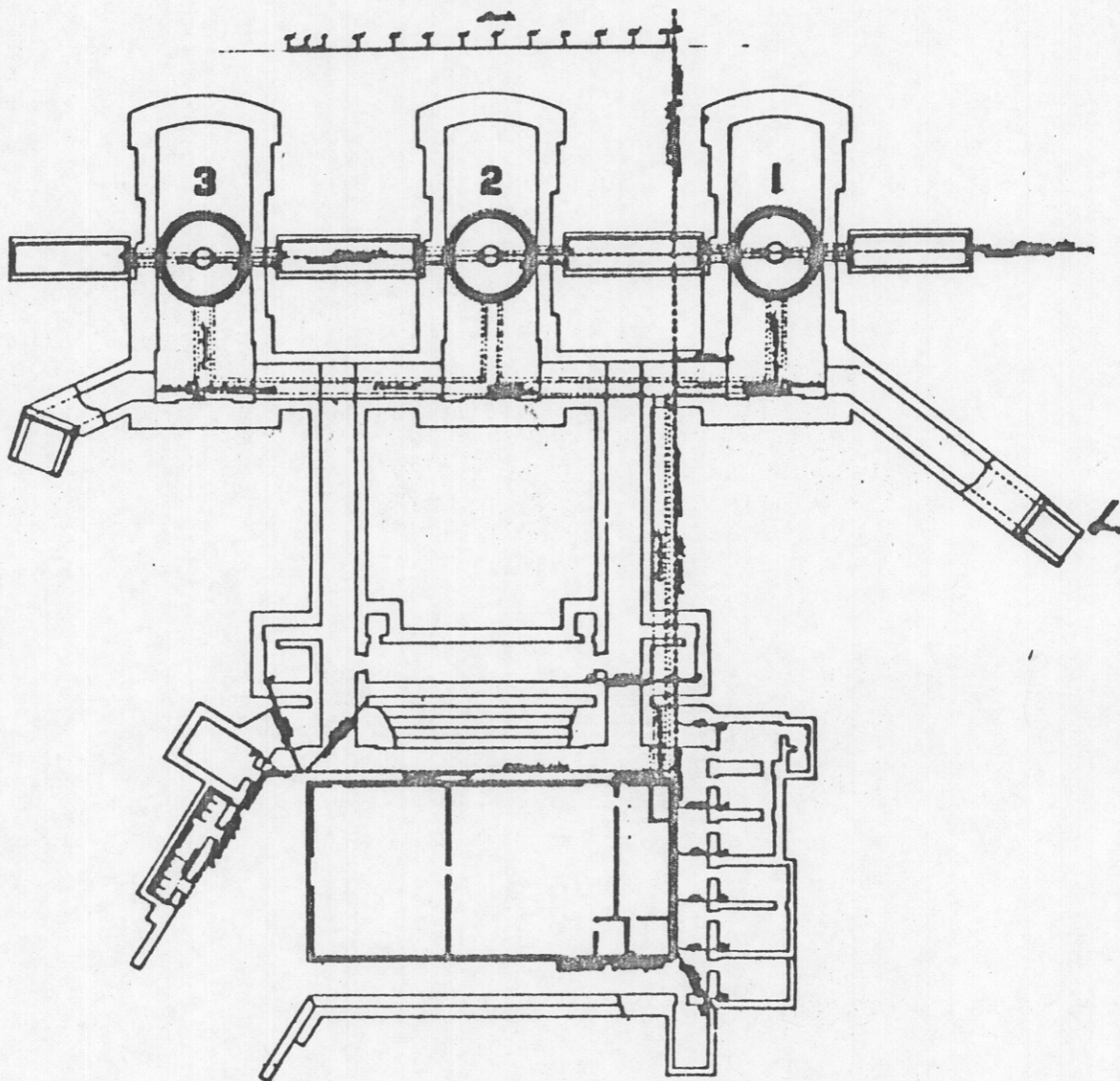


**Emplacements
for
3-15 Pneumatic Dynamite Guns
Fort Point,
California.**



**Notes and Instructions for the care of the
drainage system etc. at these Emplacements.**

All gun drains or gutters shall be carefully swept and the rubbish removed at least once a week, care being taken that the sweepings are removed to such a place that they will not be carried back into drains by wind or water.

All openings, traps or floor gutters and drains shall be carefully inspected at least once a week, care being taken to see that the sand and rubbish at bottom of holes be removed, if found hard it must be loosened and taken out.

All second drain pipes and gutters shall be cleaned and flushed at least once a week.

Immediately after each rain the floor plates shall be carefully inspected and any slight tendency to gully or slough shall be at once remedied. Any serious gullying etc. shall be reported in writing to the Engineer either in charge of the locality, at once, and all water found standing on horizontal or other surfaces except at its point of penetration through the concrete.

Drains, floor plates etc. shall be carefully inspected, cleaned and oiled, provided and be kept in good condition.

If such conditions exist the above instructions as to water obtaining entrance to the building will be quickly carried out but any conditions may cause stoppage at some point or points, making the drainage system impervious, thus causing damage to costly machinery, to plant and various utilities.

Arrows show the direction of the flow in drains.

over for
text

War Department,
April 7, 1900.

- Gutters or open drains
- Gutter or open drain
- Covered vitreous drain pipes
- Covered vitreous drain pipes
- ■ Manholes
- o o o Sumps

Approved:

Mindest
Secretary of War

DRAWING NO. 13

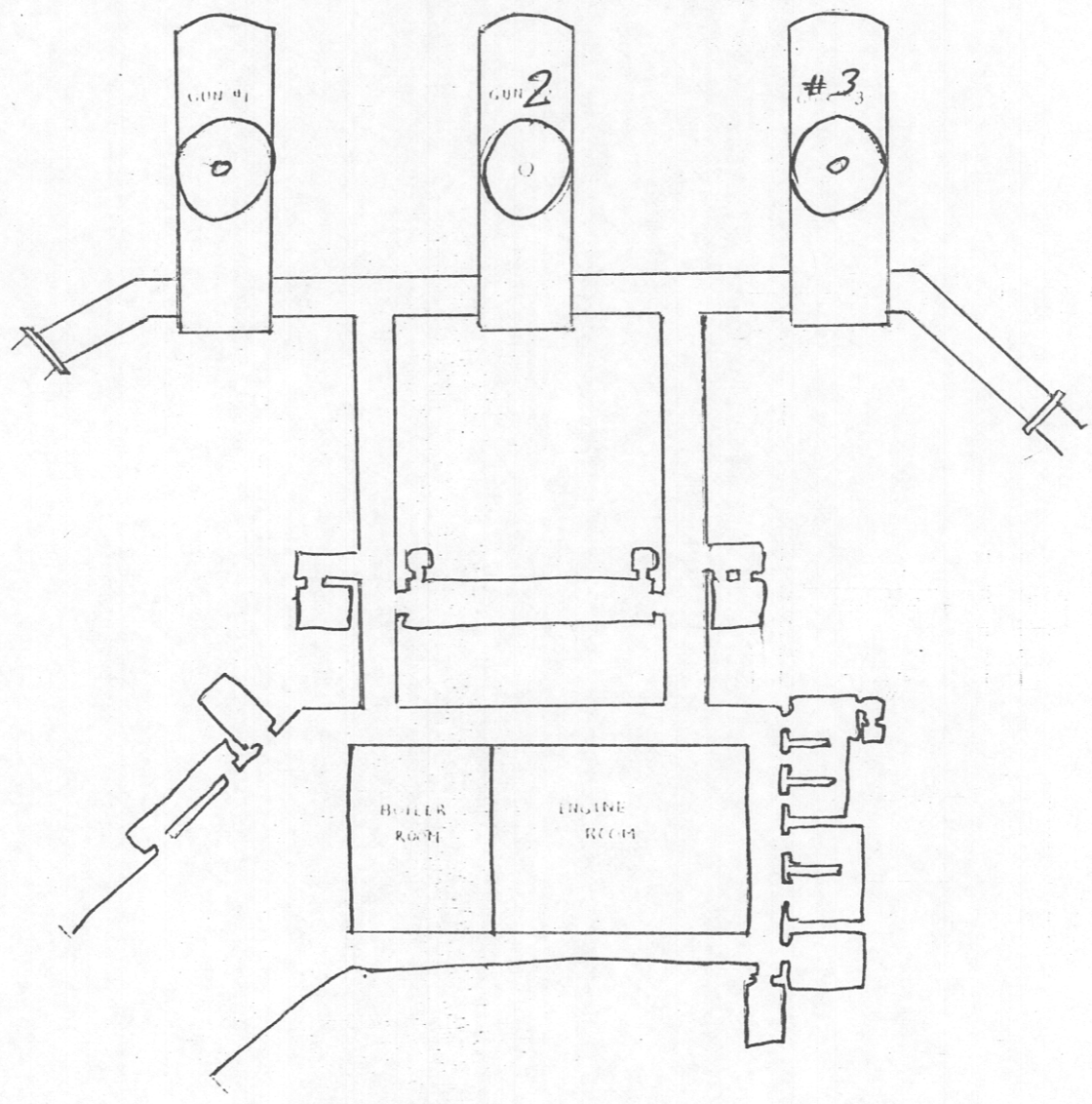
Fort Point, California
 Defense of San Francisco

Glew 4/78
Fort Scott

PLAN OF DYNAMITE BATTERY
FORT SCOTT SAN FRANCISCO

SCALE 1" = 50'

Dynamite Battery
Fort Scott
1" = 50'
Glew W. H. Ford
Apr 78



600.269 (San Fran) CM 69739
 600.269739

CONFIDENTIAL

Control Approval Symbol SPEKM-1

Obsolete

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

HARBOR DEFENSES OF SAN FRANCISCO.....
 FORT Winfield Scott, California.....
 STRUCTURE..H-Station (Formerly G7 & F. Scott).

PART II Corrected to September 1942

STRUCTURE: x.....
 Location (by coordinates) y.....
 Location (by site description) Ft. Winfield Scott.....
 Date of transfer.. March 7, 1911.....
 Cost to that date.. \$ 13,005.00.....
 Type (for observing stat.--tower, dug-in, cottages, etc.).....
 Type of construction.....
 (a) Roof .. Wood, tar and gravel.....
 (b) Remainder of bldg. Concrete.....
 How concealed .. By earth parapet.....
 How protected .. By earth parapet.....
 Height above concealment .. 4.5'.....
 Height above protection .. 4.5'.....
 Conspicuous at 1500.....yards.. from sea.....

UTILITIES:
 Electric Power Yes.....
 Source of Post power & standby Generator *.....
 Characteristics: Voltage 120 Ac or DC..Phase 3 φ.....
 Kilowatts required.. 3.1*.....
 Type of lighting fixtures.. Fluorescent installed 1942.....
 Heat
 How heated Gas fired hot air furnace installed 1942.....
 Water Sewer
 Connected to water mains.. Yes.....
 Connected to sewer.. Yes.....
 Type latrine Siphon installed in separate bldg. 1942.....

REFERENCE:
 Reference of site.. G7.278.6 (Floor pit #1) & F. Scott 278.6.....
 Reference of instrument axis.. G7.307.1 above MLLW.....
 Reference of instrument axis F. Scott 307.0 above MLLW.....

G7 - Swasey Type "AII"

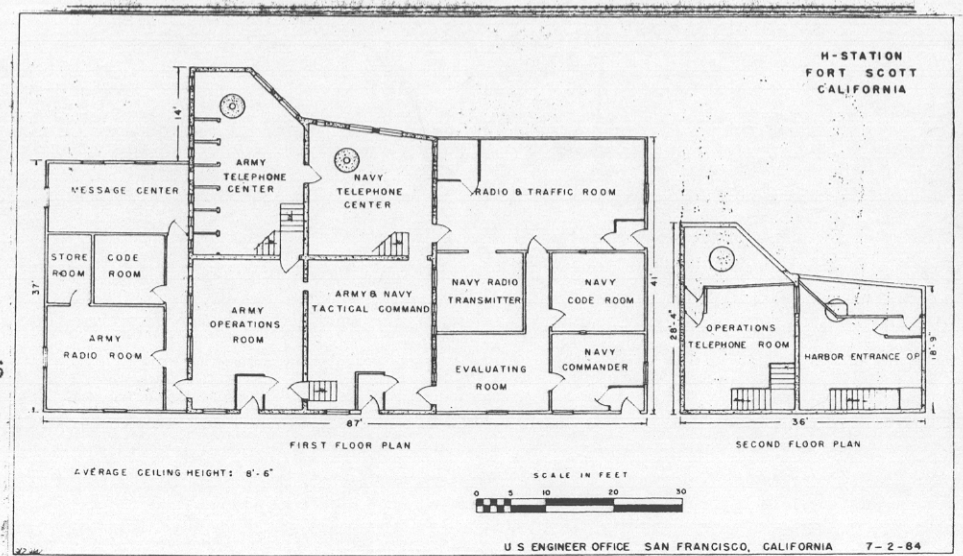
INSTRUMENTS & EQUIPMENT: F. Scott - L.C.D. Model 1907 & Obs.
 Type of observing inst. Telescope Model 1908.....
 Type of plotting board G7..F.C..Plott..board..Mod..1906.....

DATA TRANSMISSION:
 Type Telephone (Installed by Signal Corps).....
 Date of transfer

TIDE STATION:
 Give description of tide gauge

Note - Original construction noted on this side of report is combination of reports for G7 & F. Scott, corrected to Nov. 1, 1927.
 Construction completed in 1942 is noted on reverse side of this form.

- * Standby Generator installed by Post Engr. 1942
- ** 20 KW required for new construction



ED Form A-162B
 16 Sept. 1943

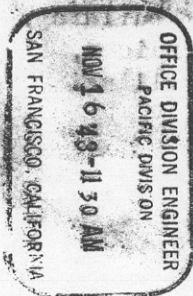
CONFIDENTIAL

NEW CONSTRUCTION

1. Two wood frame rings, on concrete foundation, with a reinforced concrete floor and asphaltic roof were added to existing concrete building.
2. Various cutting and patching of existing windows and doors were accomplished.
3. A gas fired forced hot air heating system was installed.
4. The entire building was equipped with flourescent lighting.
5. A wood frame latrine building was constructed adjacent to H-Station.

Cost of New Construction \$23,700.00

Additional work accepted by C.G. HD of SF
24 Sep 1943



600,914 (San Francisco) CM 77816

SECRET

SPEKM-1

REPORT OF COMPLETED WORKS - SEACOAST FORTIFICATIONS

HARBOR DEFENSES OF SAN FRANCISCO
FORT Winfield Scott
STRUCTURE..Combined HECP-HDCP

PART II

Corrected to December 1943

STRUCTURE: HDCP-Army x...122° 28' 34.26".....
Location (by coordinates) y...37° 48' 05.397".....
Location (by site description) West of old "H" Station
Date of transfer. 8 January 1944
Cost to that date. \$132,173.68
Type (for observing stat.--tower, dug-in, cottages, etc.) Dug-in
Type of construction.....
(a) Roof Reinforced Concrete
(b) Remainder of bldg. Reinforced Concrete
How concealed Earth backfill & Vegetation
How protected Earth backfill
Height above concealment Not above concealment
Height above protection Not above protection
Conspicuous at 100.....yards. Not conspicuous from Sea

INSTRUMENTS & EQUIPMENT:

Type of observing inst. Installed by others ...
Type of plotting board

DATA TRANSMISSION:

Type Installed by others
Date of transfer

TIDE STATION:

Give description of tide gauge

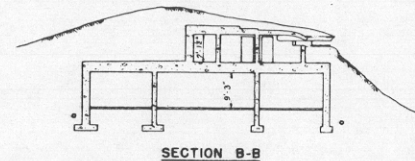
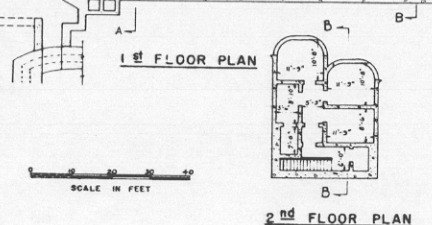
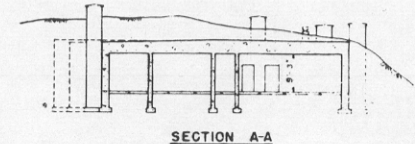
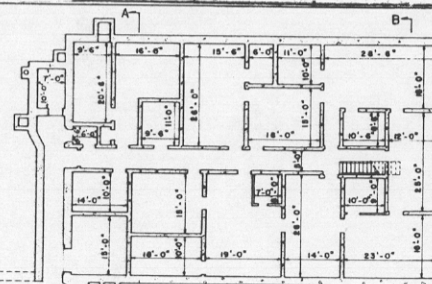
Location HECP-Navy X=122° 28' 33.914"
Y= 37° 48' 05.542"
Elevation of Navy Instrument - 299.77 MLLW
Elevation of Navy Pedestal - 295.35

Standby Power Plant - Full diesel Engine Generator
Set - Caterpillar D 8800 Engine generator 50 KW output
120/208 Volt, 3 phase, 4 wire A.C. fully automatic
start - stop.

UTILITIES:

Electric Power Yes
Source of Power - Post power and standby
Characteristics: Voltage 120/208 AC or DC Phase 3
Kilowatts required 53 KW (Transformer capacity 75 KW for HECP-HDCP & Fire Control Switchboard)
Type of lighting fixtures CSF./Control Switchboard
Heat
How heated Steam Coil heater (indirect air)
Water Sewer
Connected to water mains... Yes
Connected to sewer... Yes
Type latrine Syphon

COMBINED HECP - HDCP
FORT WINFIELD SCOTT, CALIF.



SCALE IN FEET

2nd FLOOR PLAN

SECTION B-B

SECRET

ED Form A-162B
16 Sept. 1943

REFERENCE:

Reference of site.....
Reference of instrument axis... (Army) 299.80 MLLW
Elevation of Pedestal 295.38 MLLW

FS 507, 9/3, 10/93

Copied from legible copy of
battery plan



Notes and Instructions for the care of the
drainage system etc at these Emplacements

All gun drains, or gutters shall be carefully swept and the rubbish removed at least once a week, care being taken that the sweepings are removed to such a place that they will not be carried back into drains by wind or water.

All manholes, sumps in floors gutters and drains shall be carefully inspected at least once a week care being taken to see that the sand and rubbish at bottom of ----- be removed; if found hard, it must be dissolved and taken out.

All covered drain pipes and latrines shall be cleaned and flushed at least once a week.

Immediately after each rain, the earth slopes shall be carefully inspected and any tendency to gully or slough shall be at once remedied. Any serious gullying etc. shall be reported in writing to the Engineer officer in charge of the locality, at once, and all water found standing on horizontal or other surfaces swept off to prevent the percolation through the concrete.

Trolleys, turntables, etc shall be carefully inspected, cleaned and oiled, if needed and be kept in good condition.

By strict conformance with the above instructions, all water obtaining entrance to the battery will be quickly carried off but any carelessness may cause stoppage at some point or points, making the Drainage System imperative, thus.

Arrows show the direction of the flow in drains