

ARMY PEARL HARBOR BOARD EXHIBIT No. 43A

[SECRET]

By Order of the Division Engineer South Pacific Division

October 26, 1941

Date

URDM

Chief Affairs

WAR DEPARTMENT,  
OFFICE OF THE DIVISION ENGINEER,  
SOUTH PACIFIC DIVISION.

351 California St., San Francisco, California, October 26, 1941.

Subject: Aircraft Warning Service—Foundation Drawings.

To: The Dist. Engr., U. S. Engr. Office, Sacramento, Calif.  
The Dist. Engr., U. S. Engr. Office, San Francisco, Calif.  
The Dist. Engr., U. S. Engr. Office, Honolulu, T. H.  
The Dist. Engr., U. S. Engr. Office, Los Angeles, Calif.

1. There is furnished herewith for your information and guidance copy of self-explanatory letter from the Chief of Engineers dated October 23, 1941, on the above subject, together with one reproducible print each of the drawings referred to therein.

2. The new set of drawings referred to in paragraph 3 of the inclosed letter will be forwarded to your office as soon as received.

/s/ J. R. D. Matheson,  
J. R. D. MATHESON,  
Colonel, Corps of Engineers,  
Acting Division Engineer.

Inc.—Cpy. O.C.R. R. dated 10/23/41, with incs. thereto.

Received by U. S. Engineer Office Nov. 21, 1941, at 5:09 a. m. as shown by receipt stamp Honolulu, T. H.

ARMY PEARL HARBOR BOARD EXHIBIT No. 44

[6531]

OFFICE OF THE CHIEF OF ENGINEERS,  
Washington, December 12, 1941.

3-N

Refer to File No. 676.3 (AWS-Cont. US)

Air Mail

Subject: Drawings and Instructions for Aircraft Warning Service Construction.

To: The Division Engineer,  
South Pacific Division,  
1200 Balfour Building,  
351 California Street,  
San Francisco, California.

1. Reproducible prints of drawings listed below applicable to foundations for and erection of the several types of Aircraft Warning Service towers and buildings, are forwarded for your information.

- a. ES-D-351-A Relative position of 100' tower and building.
- b. ES-D-8511 Standard building sheet-metal details.
- c. ES-D-8518 Electroforged grating.
- d. P-12619 (Blaw-Knox) Sections and bill of materials.
- e. P-12620 (Blaw-Knox) Sections.
- f. P-12085 (Blaw-Knox) Sheet-metal diagram—B-K building 19'8" x 20' x 12 $\frac{3}{8}$ ".
- g. P-12086 (Blaw-Knox) Steel diagram—B-K building 19'8" x 20' x 12 $\frac{3}{8}$ ".

- h. P-12087 (Blaw-Knox) Ceiling for B-K building 19'8" x 30' x 12'2 $\frac{3}{8}$ ".
- i. P-15836 (Blaw-Knox) Foundation plan, transmitter building.
- j. P-12788 (Blaw-Knox) Erection diagram, transmitter building
- k. P-12789 (Blaw-Knox) Erection diagram, special radio tower.
- l. P-12790 (Blaw-Knox) Special radio tower.
- m. P-11659 (Blaw-Knox) Foundations for 100' special radio tower.
- n. P-12792 (Blaw-Knox)
- P-12793 (Blaw-Knox) Erection diagrams, 100' special radio tower
- P-12794 (Blaw-Knox)

2. Attention is invited to the fact that drawing P-11659 (Blaw-Knox) is the equivalent of drawings ES-D-7421, ES-D-7422, and ES-D-7423, previously furnished Division Engineers, and drawing P-15836 (Blaw-Knox) is the equivalent of drawings ES-D-7424, and ES-D-7425, which were also furnished Division Engineers in letter from this office dated October 23, 1941, subject: "Aircraft Warning Service—Foundation Drawings."

3. Also inclosed are five copies of each of the following erection instructions.

- a. "Erection Instructions for Blaw-Knox operation building—20' x 20' x 12'."
- b. "Instructions for erecting 100-foot special radio tower."
- c. "Instructions for erecting combination 36-foot tower and transmitter building."

By direction of the Chief of Engineers :

J. L. PERSON,  
Major, Corps of Engineers,  
Assistant, Chief Operations Branch.

Inclosures :

- 16 Drawings  
15 Specifications

ARMY PEARL HARBOR BOARD EXHIBIT No. 45

[11]

STATEMENT OF COLONEL THORNDYKE WYMAN, JR.,  
COVERING ALLEGATIONS CONTAINED IN  
HOUSE REPORT No. 1075, 79th CONGRESS,  
SECOND SESSION, RELATING TO HIS  
RESPONSIBILITY FOR PEARL HARBOR TANKS

WAR DEPARTMENT OFFICE OF THE DISTRICT ENGINEER

J. B. 314, 5 September 1930, contemplated storage for 250,000 barrels for the Army and 100,000 barrels for the Navy, on the basis of an estimated cost of \$2.00 per barrel in commercial tanks of 25,000 barrel capacity. The directive of 28 December 1930 raised the estimate of cost to \$4.00 per barrel, reduced the quota (Army) for Hawaii to 100,000 barrels, and authorized preliminary surveys to be made. In March 1941, \$5,000 was made available to the District Engineer for these surveys.

The surveys were made in March 1941, and during March a representative of the Air Corps came to Hawaii, inspected sites and make recommendations. On 3 April 1941 the Commanding General forwarded to the Adjutant General his recommendations (in which the District Engineer and the Naval Commandant concurred) for locations at two sites. By letter 5 April 1941 the Chief of Engineers notified the District Engineer that priority for steel for tanks could not be obtained until the contract for the tanks had been let.

By letter 8 April 1941 the Chief of Engineers directed the District Engineer to prepare a definite project report for a total capacity of between 125,000 and 150,000 barrels, and by letter 21 April 1941 to submit recommendations regarding protection at both sites. On 21 June 1941 the District Engineer received notice that the proposed Army storage had been increased from 100,000 to 200,000 barrels.

(2) On 17 June 1941 the District Engineer was notified that funds had been authorized (200,000 cash and \$1,400,000 contract authorization) and directed to proceed; the contract authorization before 1 July. On 24 June 1941 the District Engineer forwarded his definite project report, stating that the construction for 200,000 barrels at Site "II" had been put under the Hawaiian