

OGDEN ARSENAL, STANDARD AMMUNITION MAGAZINE
(OGDEN ARSENAL, BUILDING 1471)
(OGDEN ARSENAL, BUILDING E-5)
(OGDEN ARSENAL, MUNITIONS STORAGE BUILDING)
East side of Heath Lane, between Georgia & Maine Streets
Layton Vicinity
Davis County
Utah

HAER No. UT-84-AB

HAER
UTAH
6-LA.V.
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PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

**Historic American Engineering Record
National Park Service
Department of the Interior
Denver, Colorado 80225-0287**

HISTORIC AMERICAN ENGINEERING RECORD

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Location: East side of Heath Lane, between Georgia & Maine Streets, Hill Air Force Base, Layton Vicinity, Davis County, Utah

UTM: 12-416460-4554020

Date of Construction: 1921

Architect: Unknown

Builder: Unknown

Present Owner: Hill Air Force Base

Present Use: Munitions Storage Building

Significance: Building 1471 is one of only five remaining ordnance-related structures which date from the original 1920's construction of Ogden Arsenal. This standard ammunitions magazine provides particularly vivid images of the processes involved in the manufacture and storage of munitions at Ogden Arsenal. This building, along with other structures at the base, renders a unique picture of the U.S. Army build-up which occurred on the eve of and during World War II.

History: Originally, this building was part of a network of structures that were designed to store left-over and obsolete ammunition from World War I. Building 1471 is one of only five standard magazines that survived a severe 1927 windstorm that destroyed most of the Arsenal buildings (the others are Buildings 1471, 1476, 1374, 1375, and 1376).

During the 1930's, increasing world political tensions made it imperative that Ogden Arsenal and other such facilities be updated. The Arsenal grew dramatically as World War II approached. Not only did storage facilities multiply more than tenfold, but the Arsenal also went into the business of manufacturing ammunition.

The introduction of various types of ammunition manufacture at the installation necessitated the construction of many new buildings as well as the modification of existing buildings, which took various forms as related to their function in the overall manufacture (and storage) process. Building 1471, however, required little modification since it continued to serve its original purpose of storing minor explosives.

General

Description: Building 1471 (218'-8" x 51'-7") is a one-story, gable-roofed, tile building located in the original Magazine Storage and Warehouse area. This area consists mostly of igloo type magazines, with a few building type magazines like this one. Building 1471 is identical in design and function to four other buildings in the area: Buildings 1476, 1374, 1375, and 1376. It is made of hollow tile and is roofed with cement asbestos shingles. Its elevation contains an alternating fenestration pattern consisting of five overhead loading doors and six eight-pane windows. The east elevation contains six windows, while the north and south exhibit only a single window centered on each elevation. The windows have an extended concrete lintel about the width of the tile and a narrow concrete sill. Lightning aerials line the roof ridge and extend through three round vents. The northern three loading doors were once accessed by a ramp and loading dock.

Modifications to the building include the removal of the original loading doors. All of these openings have been filled in except for the southern door, which was replaced with a larger sliding loading

