

AMMUNITION LOADING DOCK





Purpose

The Ammunition Loading Dock provides a covered area to receive and un-palletize ammunition and load onto vehicles before training. Ammunition is not stored on the dock, even on a temporary basis.

Design Requirements

See the standard drawing for additional details and notes.

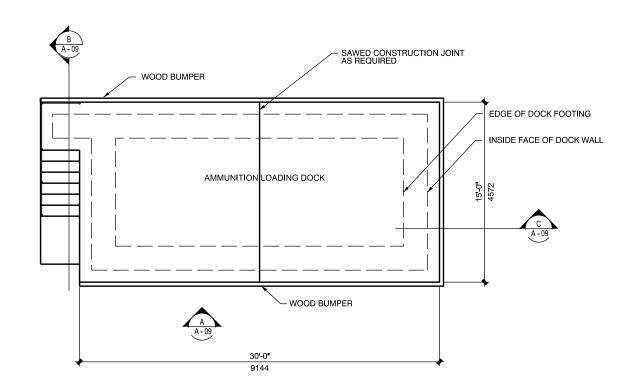
General

The standard design must be site adapted to local conditions such as climate, typical construction materials and methods, and the installation design guide. Design the facility in accordance with the design codes and criteria of the specific location, geotechnical information, structural loads, mechanical design criteria, etc.

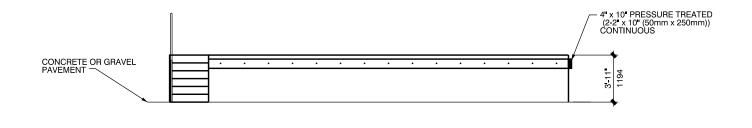
The facility typically requires access by able-bodied personnel only and does not require ADA compliance.

Special Design Requirements

Design and site the Ammunition Loading Dock in accordance with DA PAM 385-64, Ammunition and Explosives Safety. Base the standoff from other facilities on the worst case for type and amount of ammunition and explosives that will be on the dock at any one time. Include lightning protection.



FLOOR PLAN SCALE: 1/8" = 1'-0"





GENERAL

The standard dock has a useable area of 15 feet by 30 feet (4.57 meters by 9.14 meters), plus stairs. For Service Schools that train larger sized companies, the standard doubles in size, 15 feet by 60 feet (4.57 meters) by 18.29 meters), plus stairs. The dock is normally programmed using a unit of measure of each.

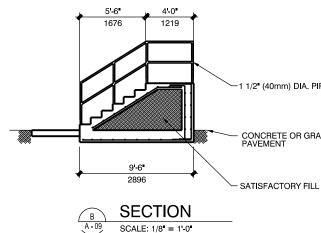
SITE ADAPTATION

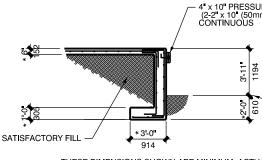
The standard design must be site adapted to local conditions such as climate, typical construction materials and methods, and the installation design guide. Design the facility in accordance with the design codes and criteria of the specific location, geotechnical information, structural loads, mechanical design criteria, etc. The design and construction must comply with applicable codes and standards including technical instruction T1800-01, "Design Criteria" Department of the Army regulations, technical manuals, handbooks, standards and specifications, and installation specific requirements. specific requirements.

ADDITIONAL CRITERIA

In addition to normal Installation requirements, design and site the facility in accordance with DA PAM 385-64 Ammunition and Explosives Safety Standards including lightning protection

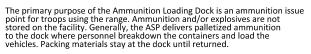
Refer to the Range Design Guide for additional information and requirements.





* THESE DIMENSIONS SHOWN ARE MINIMUM. ACTUAL DIMENSIONS MUST BE BASED ON THE SITE SPECIFIC STRUCTURAL DESIGN



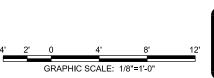


1 1/2" (40mm) DIA. PIPE

CONCRETE OR GRAVEL PAVEMENT

4" x 10" PRESSURE TREATED (2-2" x 10" (50mm x 250mm)) CONTINUOUS

CONCRETE OR GRAVEL PAVEMENT



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U. S. ARMY ENGREERING AND SUPPORT CENTER, HUNTSVILLE HUNTSVILLE, ALABAMA JANUARY 2014							
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