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.
The primary purpose of the Ammunition loading dock is to accommodate the handling and storage of ammunition and explosives. The dock is designed to prevent unauthorized access and to ensure the safety of personnel and equipment during the loading and unloading process.

The dock has a maximum area of 15 feet by 30 feet (4.57 meters by 9.14 meters), plus a 10-foot (3.05 meters) extension area. The dock is constructed with a reinforced concrete foundation and is equipped with a set of doors that can be closed securely. The dock is equipped with a loading chute that can accommodate the loading of large units of ammunition and explosives.

The dock is designed to meet all applicable regulations and standards for the storage and handling of ammunition and explosives. The dock is equipped with safety features such as fire extinguishers, smoke detectors, and emergency exits. The dock is located in a secure area with restricted access to ensure the safety of personnel and equipment during the loading and unloading process.

Additional criteria for the design of the dock include:

- Structural: Determine appropriate load-bearing capacities and materials.
- Safety: Design to accommodate emergency egress from the dock area.
- Accessibility: Design to accommodate personnel and equipment movement.

The design should be reviewed and approved by the appropriate regulatory agencies before construction.

In addition to the design criteria, the dock should be constructed in accordance with all applicable construction codes and standards. The construction should be performed by a licensed contractor with experience in the construction of similar facilities.

The dock should be equipped with appropriate signage and warning labels to ensure the safety of personnel and equipment during the loading and unloading process.

Refer to the applicable codes and standards for additional information and requirements.