



ADA (American with Disabilities Act) Compliant Specifications

1. ADA Gangways

1-A. AccuDock ADA Gangways are built using the same gangway fabrication details as explained in section 1-A1 of the Gangway Specifications Document, with the standard addition of:

1-A1. **Intermediate Handrails** - Made with 1-1/4" schedule 40 aluminum pipe with a minimum clearance of 36" above the gangway deck surface, and they will follow the arch shape of the gangway to ensure this distance remains constant throughout the length of the gangway. Intermediate handrails will have a minimum inside clearance of 36" between the inside edges of each railing, and will be machine welded to 2-1/2" x 3-7/8" centerline projected handrail brackets allowing a minimum 1-1/2" clearance between the handrail and the edge of the gangway. The handrail brackets will be located at each center stanchion of the gangway truss (Approximately 5' center to center). Intermediate handrail will also extend out 12" from the end of the gangway on each side and return to the stanchion at the end of the gangway 12" below with a 180° and 150mm radius bend.

1-A2. **Aluminum Kick Plate** - Composed of 2" x 4" x 1/8" architectural angle that will be machine welded into the structure of the gangway with the 4" side in the vertical direction and the 2" side in the horizontal direction, and it will run the length of the gangway on both sides. The gangway decking will rest on the 2" side of the angle, therefore the kick plate will extend 3" above the deck surface.

1-A3. **Square Pickets** - Available upon request, to meet 4" sphere requirements. Pickets will be composed of 1" x 1" x 1/8" square tube and will be machine welded to the outside of the gangway, and will be spaced accordingly on 4" centers to meet additional requirements.

2. ADA Transfer Kayak/Canoe Launch Docks

2-A. **ADA Transfer Platform** - Composed of fiberglass with a four step transition to the kayak launch slip.

2-A1. **Step Transition** - Each riser will be no more than 3 inches tall have a slight slope to accommodate entry and exit.

2-A2. **Transfer Support Methods** - Two transfer support methods are provided: an overhead assist bar and an overhead continuous grab bar per 1008.3.1.4 and 1008.3.2.3 Transfer Supports Turning space per (1008.4.1 Turning Space). These bars are composed of 1-1/4" schedule 40 aluminum pipe and are supported by vertical stanchions that are composed of the same material and are bolted into the transfer platform at its base.

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2-A3. **Wheelchair Access** - The transfer platform provides access from wheelchair height level down to the dock level, as well as access in returning to the wheel chair is in compliance with 1008.3 Transfer Systems: As per the ADA Standards for Accessible Design.

2-A4. **Transfer Platform ADA Compliancy** is as follows:

2-A4.1. **Transfer Platform** provided per 1008.3.1 (transfer platforms shall be provided where transfer is intended from wheelchairs or other mobility aids).

2-A4.2. Loading surface level and step size is in compliance with (1008.3.1.1 size & 1008.3.1.2 height).

2-A4.3. Transfer space is provided per 1008.3.1.3 Transfer Space.

3. ADA Roll Guard/Edge Guard

3-A1. **Edge Roll Off Guard** - Composed of composite material that is 2.5" high by 1.5" wide with rounded top edges. It shall be installed around the entire perimeter of any ADA floating dock with the exception of an open slip. The roll guard will be bolted into the 2" x .125" square tube framework of the floating dock using 304 stainless steel hardware.

3-A2. All attachment hardware will be countersunk to avoid any hazard of exposed hardware.

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