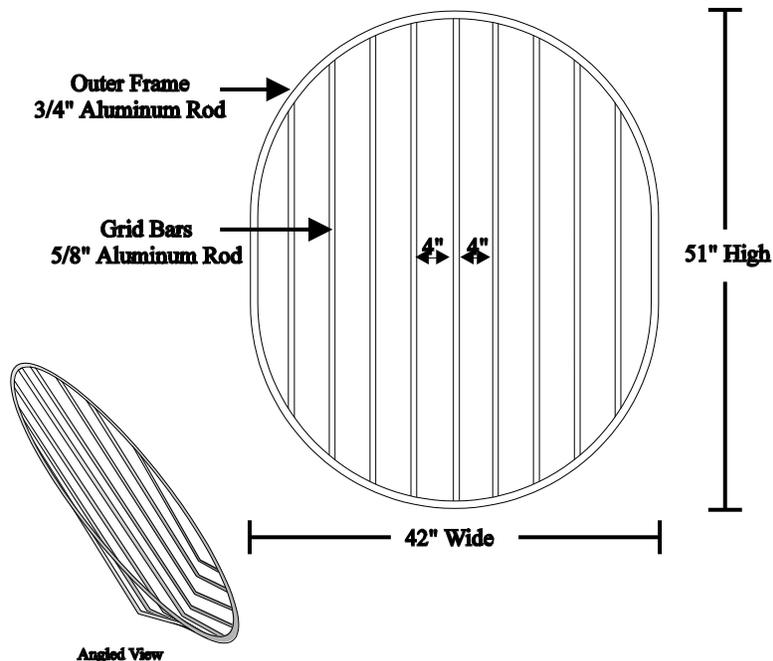


TED CONSTRUCTION AND INSTALLATION

"BENT ROD TED (large)"

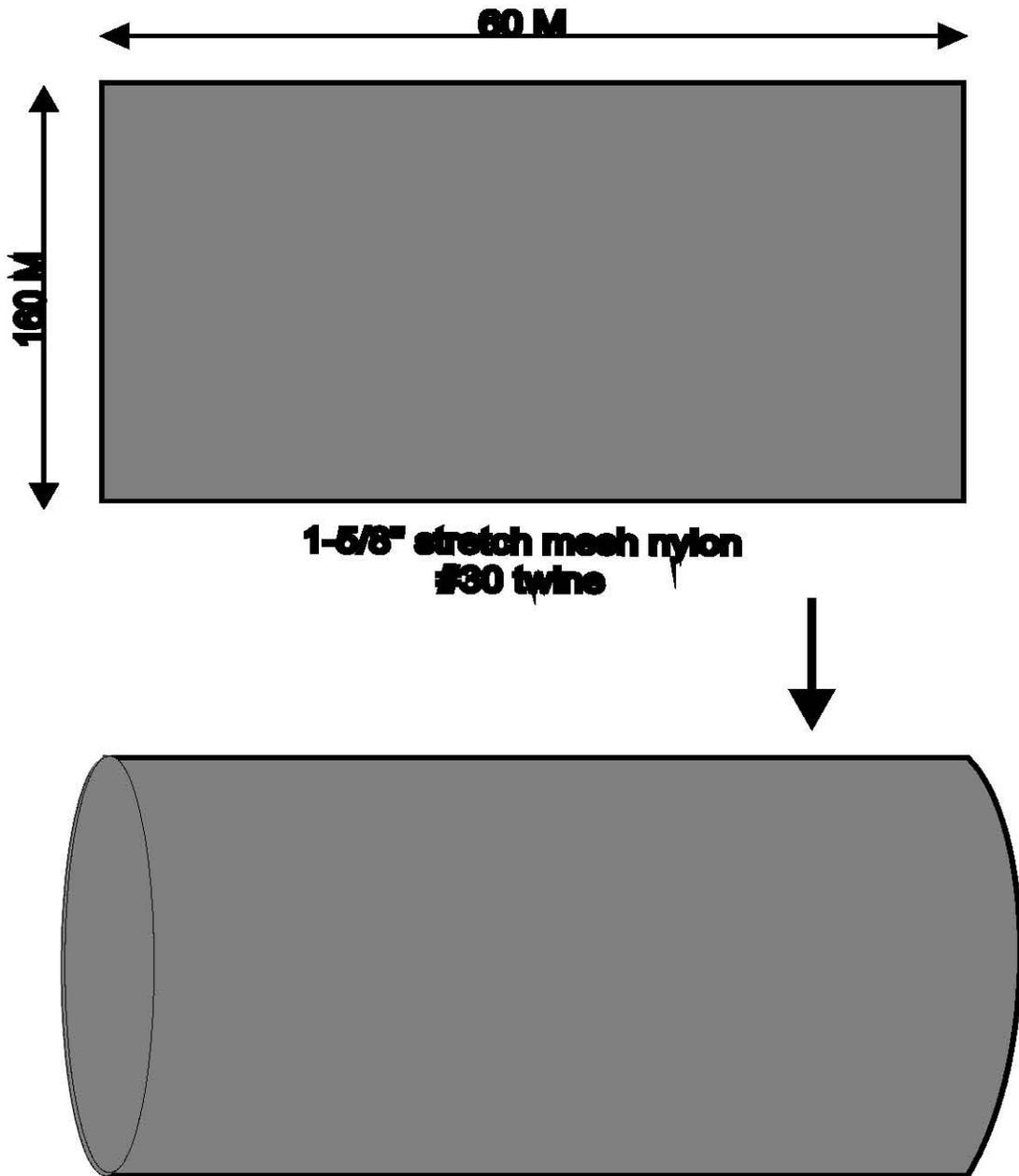
1. Construction of the Frame

A single oval frame is constructed measuring 51 inches high by 42 inches wide. The outer ring of the frame is constructed of 3/4 inch solid aluminum rod. The vertical grid bars are constructed of 5/8 inch solid aluminum rod which are welded to the inside of the frame 4 inches apart (4-3/4 inch centers). Each vertical grid bar has a 45 degree bend just above the bottom of the TED frame to help keep the device free of debris.



2. Construction of the TED extension

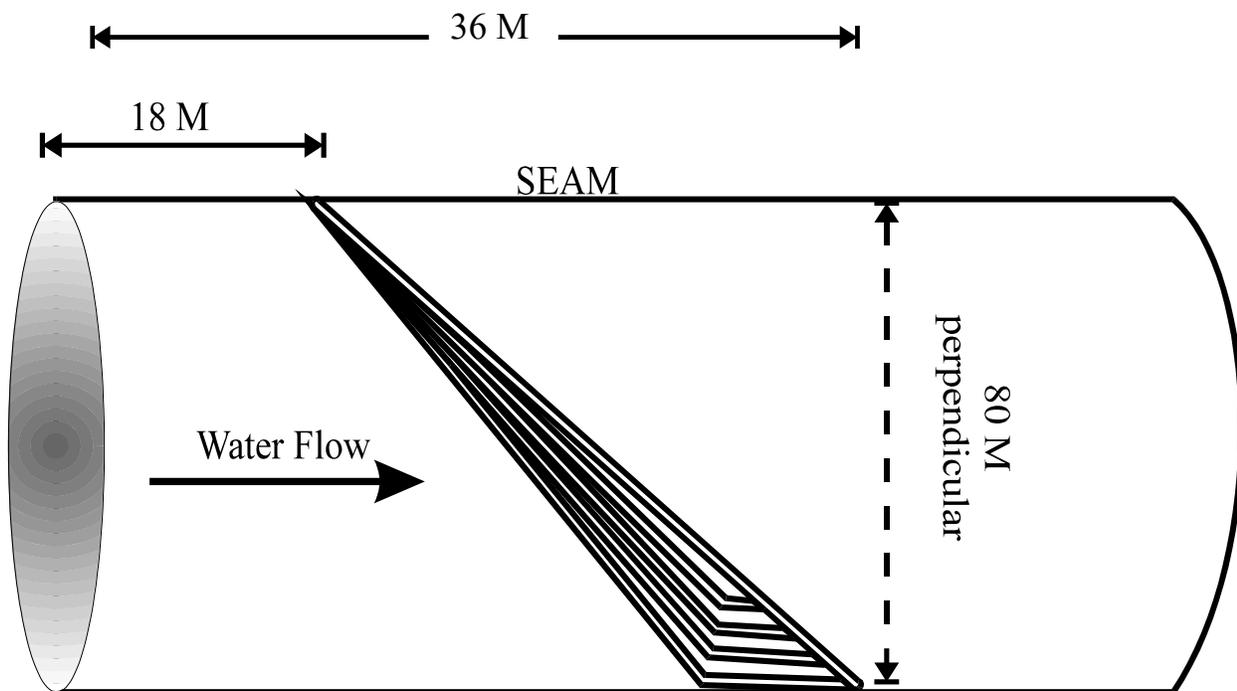
The TED extension is constructed from a single piece of 1-5/8 inch nylon webbing, #24 twine, which is 60 meshes by 160 meshes. Construct a cylinder from the piece by sewing the 60 mesh sides together.



3. Obtaining the correct grid angle

Slide the frame into the extension. Lace a metal hoop into each end of the extension. Using the metal hoops, stretch the extension tube so it is taut. Position the stretched extension so the extension seam is positioned along the top. Starting at the leading edge of the extension, count back 18 meshes along the seam and attach the top center of the TED frame to the webbing. In order to find the bottom center attachment point for the frame, count 36 meshes along the seam from the leading edge of the extension. From this point count 80 meshes perpendicular from the seam to arrive at the bottom center attachment point. Attach the TED frame to the extension at this point.

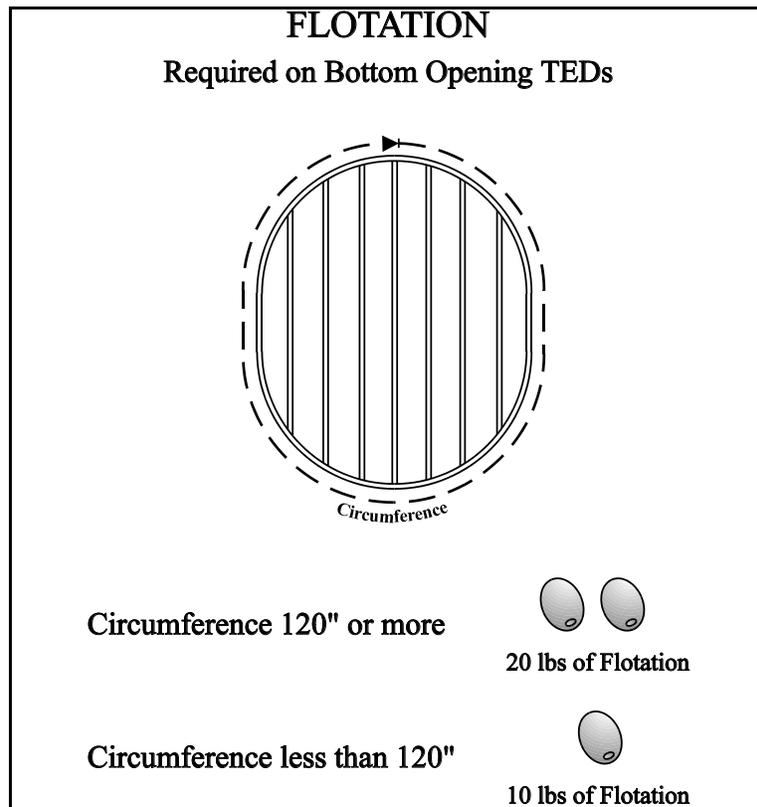
Once the bottom of the TED frame has been attached to the extension, the sides of the device are then sewn evenly from the top attachment point to the bottom corners of the TED frame. The grid angle should be 50-55° from horizontal and as close to 52° as possible for proper operation.



4. **Cutting the exit hole** (see options for **Escape Openings**)
5. **Chafing gear and floatation**

To prevent chafing of the webbing around the TED, a 40 ft section of 1/2 inch polypropylene rope is laced around the frame through every other mesh.

Attach one (2) 7 inch X 9 inch floats (10 lbs floatation ea.) to the outside of the TED for weight compensation and stabilization of the device.



6. For further information on **Funnels, Chafing Webbing, Rib Lines** etc. refer to **Allowable Modifications**

NOTE: SUBSTITUTION OF MATERIALS SPECIFIED IN THESE INSTRUCTIONS, ESPECIALLY WEBBING SIZE, COULD RESULT IN UNSATISFACTORY PERFORMANCE OF THE DEVICE.