

5.5.2 Annular bottom plates shall have a radial width that provides at least 600 mm (24 in.) between the inside of the shell and any lap-welded joint in the remainder of the bottom. Annular bottom plate projection outside the shell shall meet the requirements of 5.4.2. A greater radial width of annular plate is required when calculated as follows:

In SI units:

$$\frac{215t_b}{(HG)^{0.5}}$$

where

t_b = thickness of the annular plate (see 5.5.3), in mm,

H = maximum design liquid level (see 5.6.3.2), in m,

G = design specific gravity of the liquid to be stored.

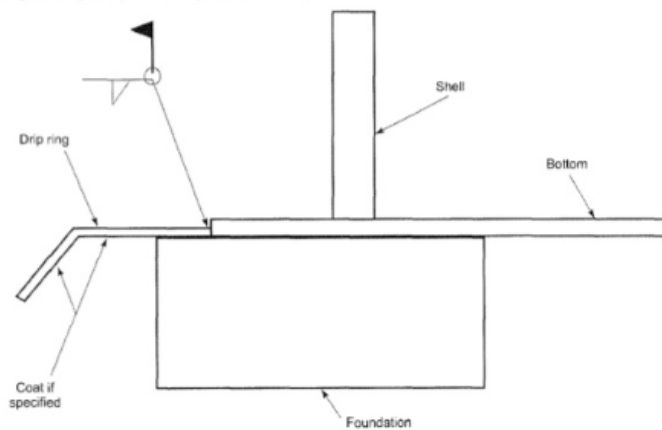


Figure 5-5—Drip Ring (Suggested Detail)