



NOTE A - IF EXIT VELOCITY OF BASIN IS SPECIFIED, EXTEND BASIN AS REQUIRED TO OBTAIN SUFFICIENT CROSS-SECTIONAL AREA AT SECTION A-A SUCH THAT  $Q_{des}/(\text{CROSS SECTION AREA AT SEC. A-A}) = \text{SPECIFIED EXIT VELOCITY}$ .

NOTE B - WARP BASIN TO CONFORM TO NATURAL STREAM CHANNEL. TOP OF RIPRAP IN FLOOR OF BASIN SHOULD BE AT THE SAME ELEVATION OR LOWER THAN NATURAL CHANNEL BOTTOM AT SEC. A-A.

**DETAILS OF RIPRAP BASIN ENERGY DISSIPATOR**  
Figure 34-8A