Pipes Installed Perpendicular Through Wall

Remove only the minimum number of blocks required to fit pipe through wall

Control joint (if needed)

Concrete collar (Cast-in-place around pipe)

Pipe protruding through wall (48" (1.22 m) diameter concrete pipe shown)

Use adequate measures to address scour, runoff, and other issues at base of wall

Leveling pad or lower courses of Redi-Rock blocks

Plan View

Concrete collar (Cast-in-place around pipe)

Non-woven geotextile fabric (AASHTO M288 Survivability Class 1)

360° around pipe and behind collar

Pipe protruding through wall (48" (1.22 m) diameter concrete pipe shown)

Use adequate measures to address scour, runoff, and other issues at base of wall

Section View

This drawing is for reference only. Determination of the suitability and/or manner of use of any details contained in this document is the sole responsibility of the design engineer of record. Final project designs, including all construction details, shall be prepared by a licensed professional engineer using the actual conditions of the proposed site.