Plan View

Manhole cover

A ▲ Inflow

2d*

d

To bypass conveyance system or detention pond

Dia. of standpipe* (2 x dia. of outlet pipe recommended as starting point)

Type 2 M.H. no base channel required

▲ A
To runoff treatment BMP

Section A-A

Top of pipe at water quality design flow rate water surface elevation and head losses in outlet pipe

7' min.

Top of riser at water quality design flow rate water surface elevation

Solid top or extended to overflow water surface elevation

Half "tee" section with cleanout (or removable bend-down elbow)

Inflow

To runoff treatment BMP

Solid bottom (provide maintenance access)

Ladder (typ.)

2' min.

Orifice sized to pass water quality design flow rate at top of bypass riser

*Note: Diameter of standpipe (2d) should be large enough to minimize head above water quality design water surface and to keep water quality design flows from increasing more than 10% during 100-year flows.

NOT TO SCALE

Figure II-4.15. Flow Splitter Option B