

- number of checks to adjust calculated values and particularly pipe sizing and spacing to satisfy Abu Dhabi conditions

Topography and System Layout

Consultants shall evaluate the most appropriate layout based on specific drainage goals of the site under study in a broad, comprehensive manner, anticipating future needs where possible. Consultants will be required to demonstrate that system planning considers future requirements of the site. Example layouts are shown in Figure 5-1.

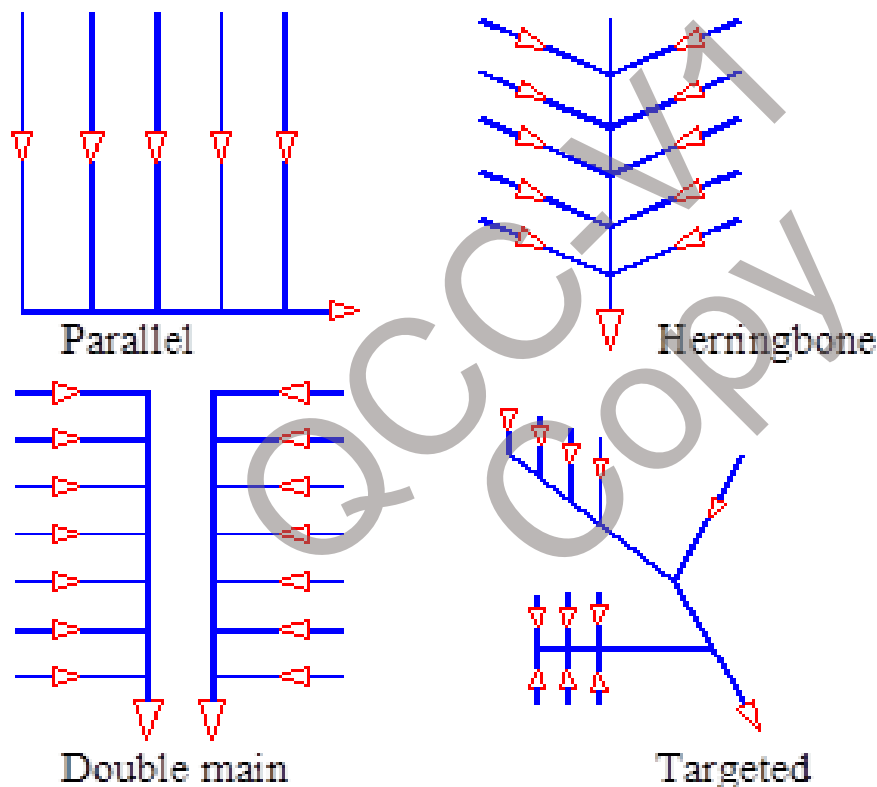


Figure 5-1 – Example Drainage System Layout Alternatives

The Consultant should select layout pattern where drains are oriented with the land contours as much as possible in order to intercept water as it flows down-slope. See Figure 5-2.

