

Soil Permeability Test Criteria

Test most hydraulically restrictive
Horizon/substrate left in-place
as follows:

No Soil Replacement

Test Most Hydraulically Restrictive
Zone Within 4 feet of Bottom of Basin

OR

Within Two Times Maximum Water Depth

i.e., In this example, if $x \leq 4'$,
Test Sandy Clay Loam at 10" - 36"

In this example, if $x = 4.5'$ (54"),
Test Clay Loam at 100" - 120"
(54" X 2 = 108")

Soil Replacement

Test native soil immediately below
soil replacement

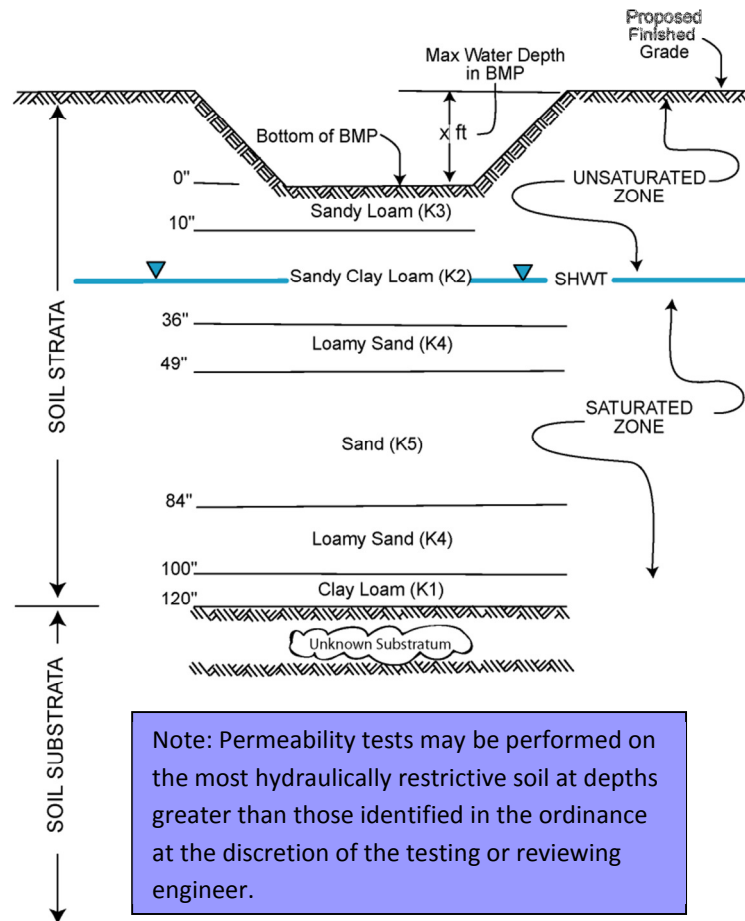
OR

Within Two times Maximum Water Depth

i.e., In this example, if $x \leq 4'$,
and soil replacement is to 36"
Test Loamy Sand at 36" - 49"

In this example, if $x = 4.5'$ (54"),
and soil replacement is to 36"
Test Clay Loam at 100" - 120"
(54" X 2 = 108")

Permeability Test Depth Requirements



Note: Permeability tests may be performed on the most hydraulically restrictive soil at depths greater than those identified in the ordinance at the discretion of the testing or reviewing engineer.