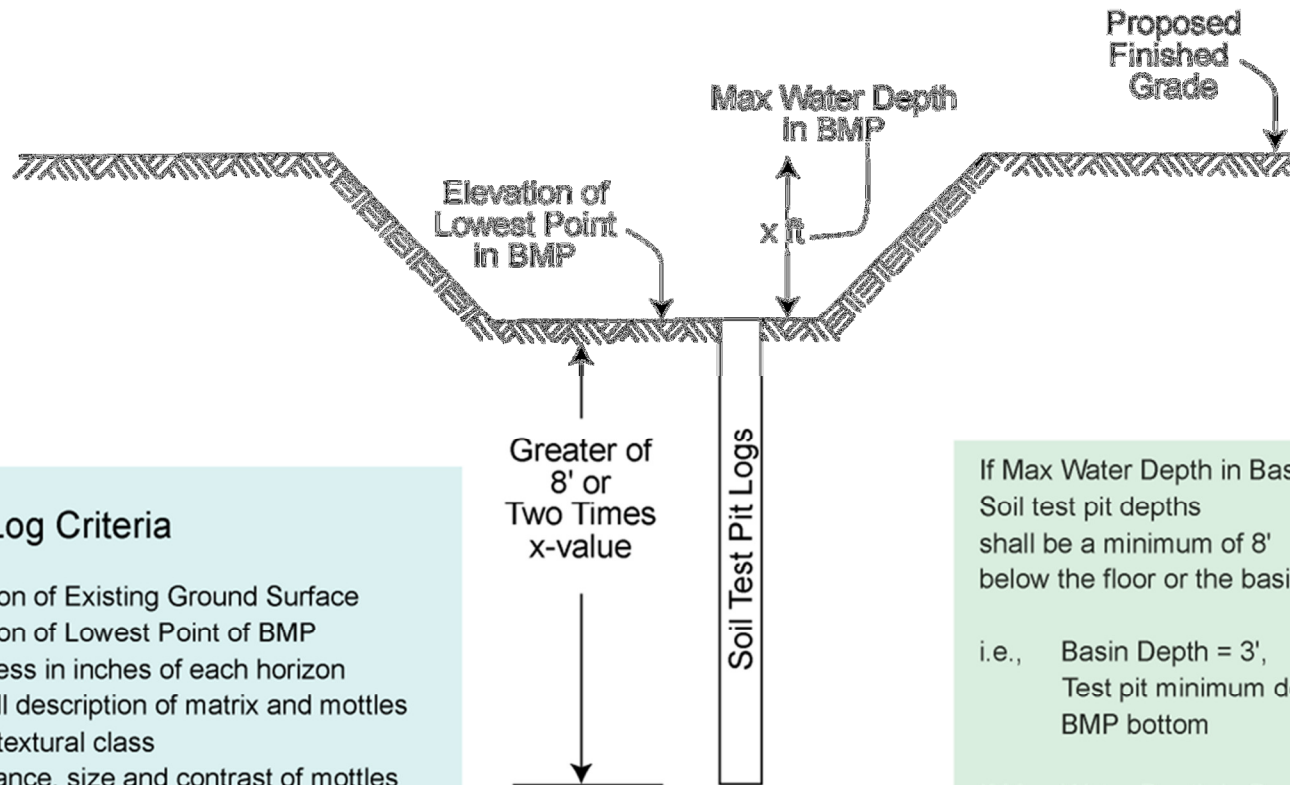


Test Pit Depth Requirements



Soil Log Criteria

- Elevation of Existing Ground Surface
- Elevation of Lowest Point of BMP
- Thickness in inches of each horizon
- Munsell description of matrix and mottles
- USDA textural class
- Abundance, size and contrast of mottles
- Soil structure
- Soil consistence
- Depth and Thickness of hydraulically restrictive zones ($K < 1 \text{ in / hr}$)
- One permeability Test at each test pit log location

If Max Water Depth in Basin is $\leq 4'$,
Soil test pit depths shall be a minimum of 8' below the floor or the basin

i.e., Basin Depth = 3',
Test pit minimum depth = 8' below BMP bottom

If Max Water Depth in Basin $> 4'$,
Soil test pit depths shall be a minimum Two Times Basin Depth

i.e., Basin Depth = 6',
Test pit minimum depth = 12' below BMP bottom