

Bed rock

best type rock to work on.

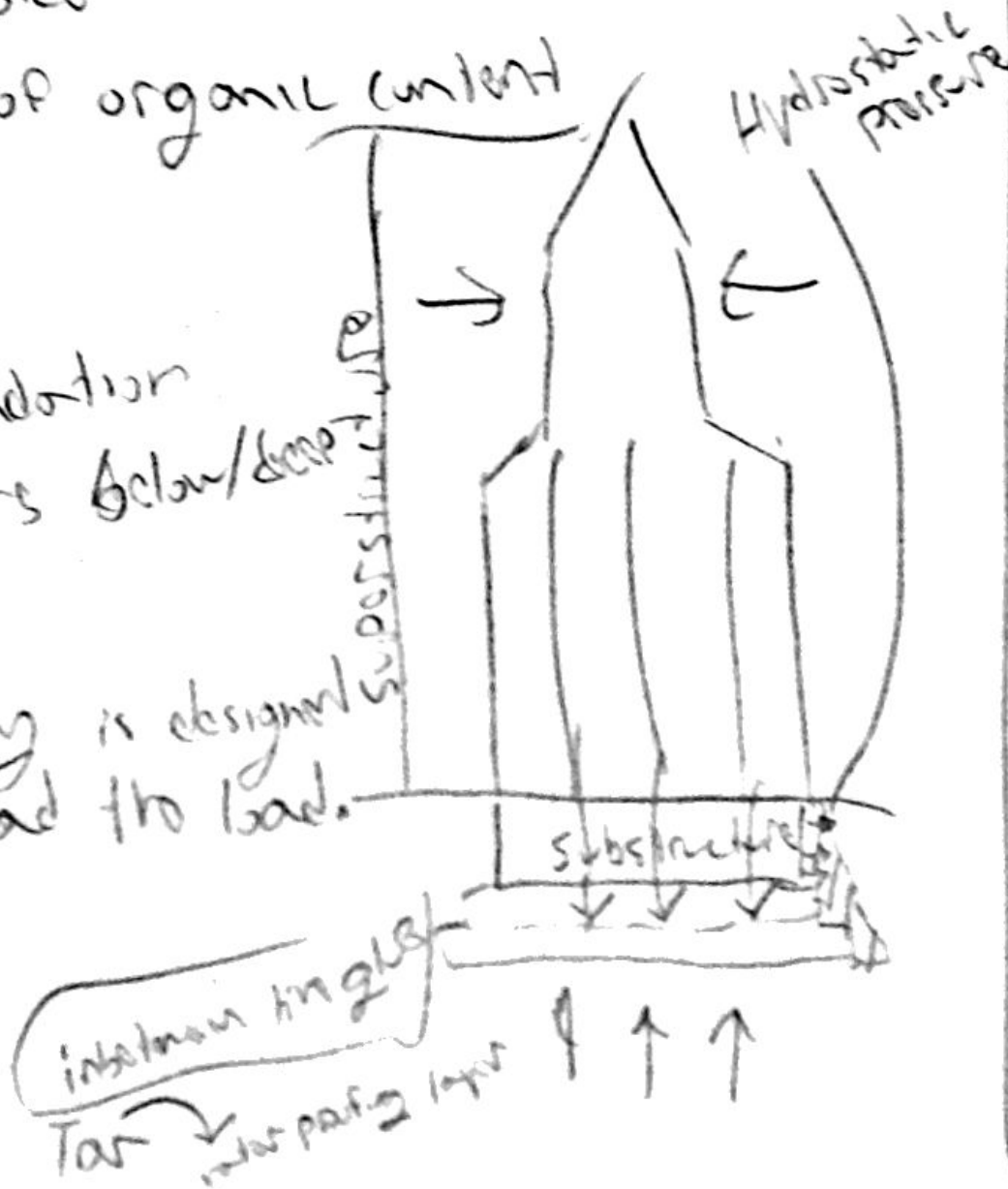
• Earth materials are classified according to:

- particle size
- presence of organic content
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Shallow foundation

1/2 floors below/depth

The footing is designed to spread the load.

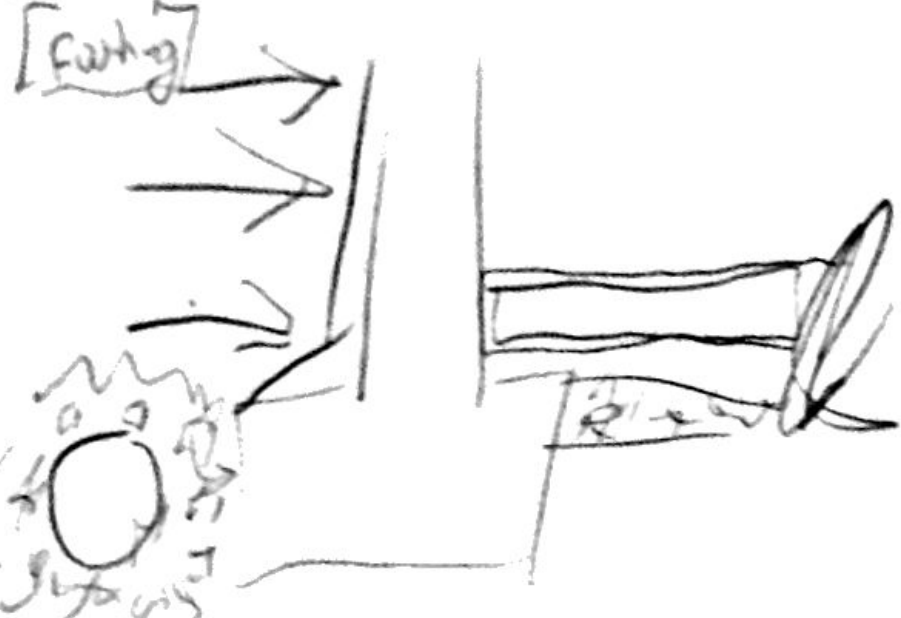


• Frost line
the Depth (inches)

- A line that water freezes at.
- It is 48" in Canada and 6" in Florida.
- in Canada it is 48" because the ground is warm at that point will not freeze.

- NYC can be 18"-32" to 6"-18"

Drainage mat
rigid foam insulation
wall



• Backfill
- Give fill back in the ground for
concrete during
the foundation
process

Reason why
NYC has
basement