Typical Details for Utilities Below Wall

- Depth varies
- Any disturbance of the soils outside the 1:1 excavation area must also be filled with select fill.
- This area must be backfilled with select fill, compacted to 100 percent of the standard Proctor maximum dry density.

Reinforcement length = L

Geosynthetic reinforcement

Width of granular fill = W_{gr}
Depth of pipe = D_p
Length of geosynthetic reinforcement = L

\[ W_{gr} = (2 \times D_p) + L + 6" \]