Typical Details For Utilities Below Wall

- **Depth Varies**
- **Utilities (Designed by Others)**
- **Geosynthetic Reinforcement**
- **6" Minimum Compacted Granular-Base Leveling Pad**
- 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.

Math equation:

\[ W_{gf} = \text{WIDTH OF GRANULAR FILL} \]
\[ D_p = \text{DEPTH OF PIPE} \]
\[ L = \text{LENGTH OF GEOSYNTHETIC REINFORCEMENT} \]

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