GEOSYNTHETIC REINFORCEMENT

**DEFINITIONS**

- \( W_{gf} \) = WIDTH OF GRANULAR FILL
- \( D_p \) = DEPTH OF PIPE
- \( L \) = LENGTH OF GEOSYNTHETIC REINFORCEMENT

**Formulas**

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

**Notes**

- This area must be compacted to 100 percent of the standard proctor maximum dry density.
- Any disturbance of the soils outside the 1:1 excavation area must also be compacted to 100 percent of the standard proctor maximum dry density.
- The utilities (designed by others) must also be compacted to 100 percent of the standard proctor maximum dry density.
- This area must be compacted to 100 percent of the standard proctor maximum dry density.

**Details**

- **FINISHED GRADE**
- **GEOSYNTHETIC REINFORCEMENT**
- **6" MINIMUM COMPACTED GRANULAR BASE LEVELING PAD**

**Scale:** 3/8" = 1'-0"

**License and Contact Information**

belgard.com
877-235-4273
details@belgard.com

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**Authors**

- **Castle Manor Grana™ Multipiece Retaining Wall System**
- **Typical Detail for Utilities Below Wall**

**Date**

2/4/2016