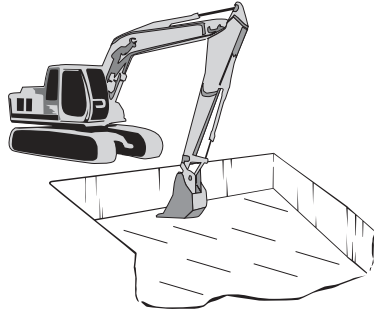


# ECORAIN DETENTION & EXFILTRATION TANK INSTALLATION GUIDE\*

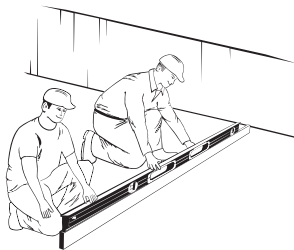
**Step 1**  
Excavate Trench  
Larger than Specified  
Tank Size, per  
Engineered Detail



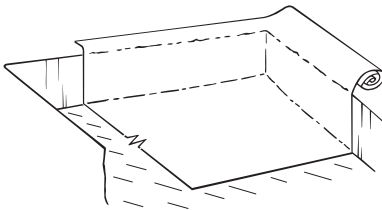
**Step 2**  
Compact Base to 35 psi



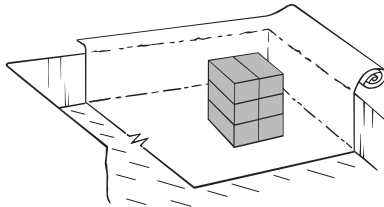
**Step 3**  
Add Sand or Free  
Drainage Material\* to  
Base, Compact and Level  
with a Straight Edge



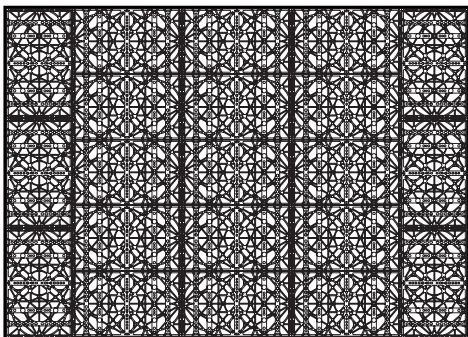
**Step 4**  
Lay Geotextile Material  
in Bottom and on Sides  
of Trench, Enough to  
Fully Wrap Tank, with  
12" Seam Overlaps



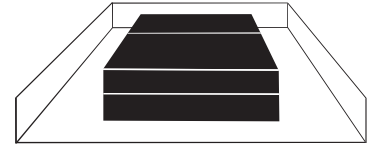
**Step 5**  
Install Tanks upright for  
Maximum Strength and  
per the Warranty:  
Half Tank - .79' High  
Single Tank - 1.48' High



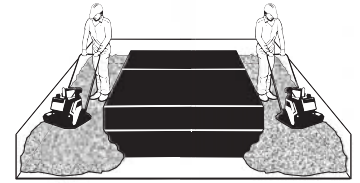
**Step 6**  
Orient Tanks  
Lengthwise  
along Perimeter



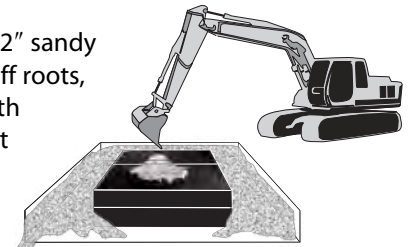
**Step 7**  
Cover EcoRain Tanks  
with Geotextile Material -  
Wrap Tight, Cut Away  
Excess Folds, Overlap  
and/or Seal Joints  
with Tape



**Step 8**  
Backfill Sides with Sandy Fill  
in maximum 12" Layers -  
Compacting Each Layer  
at least 95%

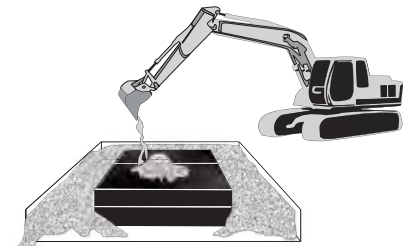


**Step 9**  
Backfill over Top with 12" sandy  
backfill free of rocks, stiff roots,  
or debris - Compact with  
Lightweight Equipment



**Correct**

Do Not Drop Fill from  
High Up



**Incorrect**

**Step 10**  
Finish Backfill per Engineered Detail  
Minimum 18" Top Cover for Pedestrian Use  
Minimum 24" Top Cover for Vehicle Use – Layer Biaxial  
Geogrid 12" Above EcoRain Tanks & Extending 3' beyond  
Edges of EcoRain Tank or as per Engineer Detail.

\*Email [contact@ecoraintank.com](mailto:contact@ecoraintank.com) to request full specifications  
and submittal installation instructions

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