

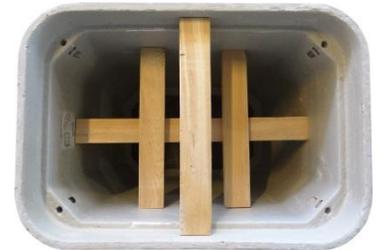
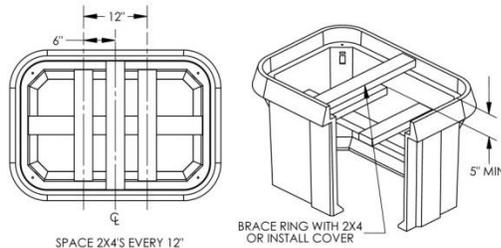
GENERAL SITE PREPARATION FOR INSTALLING ENCLOSURES (ALL SIZES)

These guidelines for installing NewBasis enclosures are provided as a general guide and actual site conditions may warrant the use of additional installation procedures not covered in this document. Follow all project specifications when installing NewBasis enclosures.

1. Excavate the earth approximately 12” wider and longer than the box, as well as 6” deeper than the depth of the box. Actual depth of base material should be determined by the requirements of the governing agency. Fill the excavation with a base material of either pea gravel or crushed rock to ensure adequate drainage. Tamping is recommended to provide a compact and level surface for the box to be placed upon.



2. Wood bracing should be used inside the box to ensure minimal sidewall deflection while backfilling. Compaction values and the use of heavy machinery surrounding the enclosure are some of the reasons to use internal bracing. Temporary bracing patterns can be constructed out of construction grade lumber and installed by the end user. Start by using two pieces of 2” x 4” lumber to brace the sidewalls. Then use one piece of 2” x 4” lumber to brace the end walls. Do not install the bracing lumber too tightly as damage can occur. Finish by placing one piece of 2” x 4” lumber from one side of the ring to the opposite side of the ring.



3. Lift the box into the excavation using the lifting bolts or lifting wires. Check the top of the box is flush with the finished grade. Any necessary adjustments should be made to bring the box to finished grade.



4. Backfill with clean, loose soil and compact to a minimum of 90% - 95% compaction or per the requirements of the governing agency. Remove bracing materials from the inside of the box and secure the cover down with included hardware.



5. If future construction raises or lowers the existing grade and the enclosure needs to be adjusted, follow steps 1-4 or contact customer service at info@newbasis.com to determine if an extension can be offered to bring to finished grade.