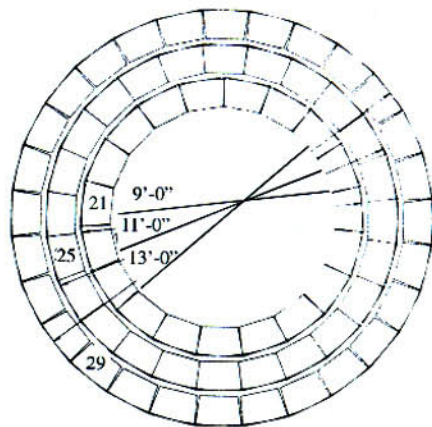# RADIUS HELP GUIDE

MINIMUM DIAMETER 9'

9' Diameter - 21 HILLCREST PER COURSE
11' Diameter - 25 HILLCREST PER COURSE
13' Diameter - 29 HILLCREST PER COURSE

TOOLS and MATERIALS

- **SHOVEL**
- **HAMMER / MASONRY CHISEL**
- **BROOM**
- **HAND TAMPER**
- **STAKES / STRING LINE**
- **LEVEL**
- **SAND / 3/4 MINUS ROCK**

DO-IT-YOURSELF INSTALLATION STEPS

Step 1: BASE PREPARATION

Begin by excavating a trench 12" wide by 6-1/2" deep. It is important to remove sod and other organic materials. It is also important to embed the bottom course to hold it firmly in place.

After excavating, make sure that the bottom of the trench is well compacted with gravel. Use a hand tamper to compact the soil if necessary. Spread a 2" layer of sand in the trench. The base is now ready for the base course of Hillcrest Retaining Wall.

Step 2: FOOTING COURSE

Lay the base course units on your prepared base. You may remove a small amount of sand to make room for the alignment lip. Level each unit side-to-side, front-to-back, and with adjacent units. A rubber mallet will help to level units and string line can be used to keep units straight.

Step 3: LAYING SUCCEEDING COURSE

Position the second course unit so that alignment lips overhang the back edge of the base course and edge joints are staggered with those of the lower units.

Step 4: BACKFILL AS YOU PROCEED

Backfilling behind each course as you continue up is very important. 3/4 rock backfill is required to help with drainage. Continue laying additional courses and back filling until desired height is achieved. When using the retention block, make sure it is fully covered with backfill and the next course of Hillcrest is in place before timping. **Do not tamp the retention block itself.**
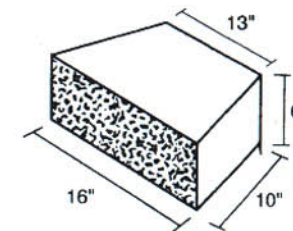
HOW TO CALCULATE

To figure how many blocks are required for your wall, use the following equation for an approximate estimation:

BLOCK
Length of Wall x .75 =
Hillcrest Per Course
1.5 Hillcrest Blocks Per Sq. Ft.

CAP
Length of Wall x 1 foot =
Hillcrest Cap per Wall