Installation Manual

Metric Series Residential Swimming Pool

Radiant POOLS™

Inspections Division
Date: 08/03/15

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PREPARING THE POOL SITE

Once you have chosen an appropriate location for your pool based on the criteria specified above, determine the pool circumference by putting a stake in the ground at the center of the location desired and with a line equal in length to the radius of the pool (1/2 the pool size) plus 12", mark off the circumference with a sharp object, lawn edger, spray paint, etc. **(fig.A)**

A.

After all of the sod has been removed, you must make the pool area absolutely level as measured by a transit or level. Find the lowest spot within the pool area and level the ground to that lowest spot. **(fig.B)** Do not add dirt to the low areas. It is the high areas that must be dug away. The perimeter of the pool must be a solid foundation to prevent the pool from settling into dirt that is loosened by rain and water splashing over the side.
Once again, clean the area of all sharp objects, including roots and rocks that could later effect your swimming pool.

B.

C.

For Site Preparation instructions for Inground installation, see page 15.

PATIO BLOCK INSTALLATION

Once the ground is prepared, begin installing 2"x8"x16" patio blocks. **(fig.C)** The patio blocks should be installed at the perimeter line of the pool (1/2 the pool size from the center stake) and at intervals corresponding to the number of panels associated with the size of the pool. **Please see chart for appropriate spacing.**

Pool Size	Patio Block Intervals	Qty Needed
16'	6' 1 1/2"	8
18'	6' 10 5/8"	8
21'	6' 5 7/8"	10
24'	7' 5"	10
27'	8' 4 1/8"	10
30'	7' 9 1/8"	12
33'	7' 4 1/8"	14

Sink each patio block into the prepared ground making sure that each block is level in all directions (side to side as well as front to back). Repeat this step around the perimeter of the pool area making the tops of all blocks level with the ground. Do not install the blocks on loose sifted soil or sand. All patio blocks must be flush with the ground, solid and level with each other in all directions. Once all of the patio blocks are installed, place an anchor plate on each patio block. **(fig.D)** The anchor plates will be used to provide a level platform for wall installation.

D.