

- ENGINEERING NOTES
- 1) POOL CAN BE INSTALLED IN GROUND, PARTIALLY IN GROUND, OR ABOVE-GROUND WHEN POOL IS INSTALLED ABOVE GROUND, SURFACE ON WHICH THE POOL WILL STAND MUST BE ABSOLUTELY LEVEL AND SOLID

2) POOL CAN BE USED IN-GROUND UNDER THE FOLLOWING CONDITIONS

A) FILL POOL WITH WATER BEFORE BACKFILLING

B) BACK FILL MATERIAL TO BE POROUS OR GRANULAR (NO CLAY OR LARGE ROCKS)

C) POOL TO REMAIN PERMANENTLY FILLED

D) DRAINAGE MUST BE SUPPLIED USING DRAIN TILE OR CRUSHED STONE TO DRAIN WATER AWAY FROM POOL IF HIGH GROUND WATER OR SURFACE WATER IS ANTICIPATED, OR IF POOL IS INSTALLED AT THE BASE OF A HILL OR IN A CLAY CONDITION

E) SLOPE DECK SURFACE $\frac{1}{4}$ " PER FOOT AWAY FROM POOL

F) AN 8" CONTINUOUS CONCRETE BOND BEAM (COLLAR) MUST BE POURED AROUND THE ENTIRE PERIMETER.

3) WHEN PANELS ARE JOINED USING SPLINES, THE ASSEMBLY IS ELECTRICALLY BONDED. WHEN THE POOL IS FULLY ASSEMBLED THE ELECTRICAL CONTINUITY MEETS THE REQUIREMENTS OF THE US NATIONAL ELECTRIC CODE.

4) CONSTRUCTION METHODS AND PRECAUTIONS ARE DICTATED BY GROUND AND SOIL CONDITIONS TO BE DETERMINED BY THE CONTRACTOR, WHO IS NOT AN AGENT OR EMPLOYEE OF RADIANT POOLS OR THE MANUFACTURER OF THE POOL COMPONENTS

