

**Install Practices & Requirements of a River Certified Installer**

**Backfill Material:**

- Chip Stone ½" or smaller recommended 1" allowed with no fines compacted if base depth is greater than 4"
- No Sand
- No Pea Gravel
- Backfill placed within 12" of water level in pool

**Pool Handling:**

- No Short strapping
- Pool unloaded completely empty of water and/or equipment

**Pool Setting and Leveling:**

- Finished pool within 1" max tolerance with a goal of ½" or less
- Pool walked between each set to check for voids

**Plumbing:**

- Schedule 40 PVC or larger
- No flex pipe or No foam filled pipe
- Pressure fittings only (no shallow sockets)
- No 90 degree fittings on skimmer line with exception of where it stubs up
- Sweep 90's recommended everywhere
- 2" PVC minimum for suction lines (Skimmer)
- Plumbing secured by either strapping to pool or running to bottom of excavation
- All plumbing pressure tested
- Flex pipe is allowed on spas when needed

**Outfitting:**

- Use specified returns only (CMP 25523-701-000)
- No gaskets (exceptions for some lights)
- 100% Silicone Sealant used only
- Backside of pool shell ground perfectly flat and smooth
- Skimmer Installed with faceplate within 1" of top of pool

**Drain Pipe:**

- 8" minimum diameter Pipe
- Installed 12" below bottom of the deep end of pool with at least 2" of gravel beneath
- topped with skimmer lid with screws for securing

**Rhino-Rods**

- Installed on every pool

**Delivery of Warranty Packets**

- Ensure pool owners receive a copy of the Warranty Packet and its contents.