

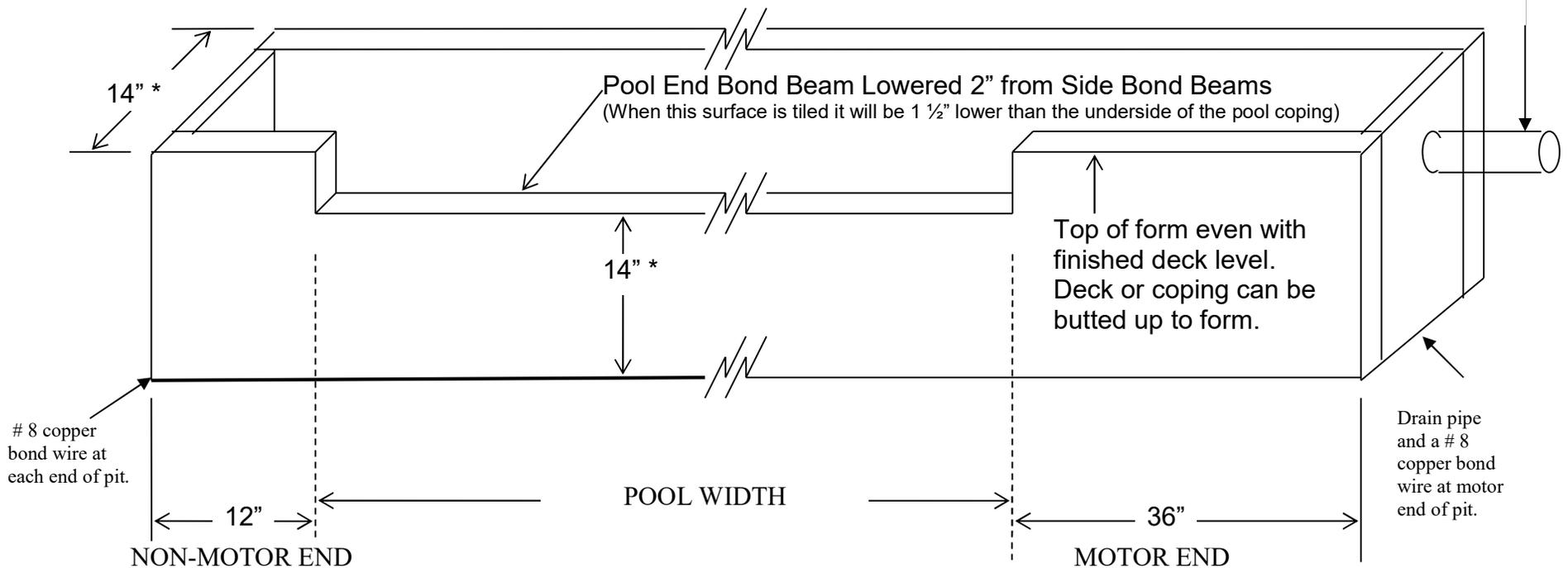
COVERSTAR RECESSED MECHANISM – UNDERGUIDE TRACK
PIT FORM DIMENSIONS & SPECIFICATIONS

Questions?
Call Superior Pool Covers
503-829-8767

- These dimensions are for a wooden pit form which will be removed to provide a concrete walled mechanism pit.
- Use several spacers from front to back of form when pouring concrete to insure that front and back of pit stay straight and parallel during concrete pour and don't bulge in toward each other when subjected to the pressure of the wet concrete.
- Level pit in proper position up on stakes or saddles so that there will be a smooth concrete bottom several inches thick in the finished pit. The cover mechanism will be anchored to the bottom and sidewalls of the pit.
- It is **VERY IMPORTANT** that pit be accurately set at exactly 90° to the pool sidewalls.
- Rounded bull nose tile should be used on both the pit side and pool side of the top surface of the lowered end bond beam to provide a smooth, rounded edge for the cover to ride on as it goes into and out of the pit.
- Provide a #8 copper bonding wire to **each** end of pit and a water drain at motor end of pit. **Drain should be right at end of pit for easy access to clean debris.**
- Electric Motor Drive Units – Provide ¾" PVC electrical conduit from motor end of pit to switch box location and from switch location to 110 Volt, 9 Amp, GFI protected power source. Electrician will have to provide 3 wires (Black, White, and Green(ground)) from power source to switch location and 4 wires (Red, Blue, White, and Green(ground)) from switch location to motor end of pit.

Direct Electric System: ¾" electric conduit to motor end of pit.

Hydraulic System – 2" Conduit to motor end of pit.



* Note: A 14"x14" pit as shown is good for pool lengths up to 58 feet and widths up to 24 feet. Add 1" to these dimensions for every 8' interval of pool length over 56'. (i.e. A 70' long pool would need a 16"x16" pit.) Add 3" to these dimensions for widths between 24 and 30 ft.