

Quickset Starting Platform Anchor Setting Procedure for NEW DECK

- ① Locate approximately where the starting platform anchors are to be installed. This will be at the 'B' dimension back from the pool wall and at the center of the lane.
NOTE: The 'B' dimension can vary and is dependent on the specific Quickset style starting platform ordered. Refer to proper specification sheet for make and model number of platform for correct 'B' dimension or consult with your distributor for assistance.
- ② Properly attach the bonding wire/grounding wire to the brass screw located at the bottom of the anchor socket.
- ③ Prop and secure the socket at the correct location and height. The centerline of the socket base plate must be set at the exact 'B' dimension as measured from the pool wall with the wedge housing facing away from the pool wall as shown below. This measurement should be taken from the vertical face of the pool wall. The top of the socket must be flush with the deck and square with the pool edge (see Figure 1).
NOTE: The center of the anchors should not be located closer than 5" to joints, trenches, curbs, drains or anything else that disrupts the continuity of the slab.
- ④ Mix enough concrete to set in the sub-grade to correctly position the bottom of the anchor socket (approximately 1" up in the concrete footing).
- ⑤ Make sure that the socket is level and square in both directions and at the proper location and height.
- ⑥ Use enough mixture to ensure that the socket will not move during deck pour.
- ⑦ The concrete footing (with socket in place) should be allowed to set/cure prior to pour.
- ⑧ Recheck location and the level of the all sockets before pouring deck.
NOTE: To avoid crushing the anchor, we recommend that a non-expanding type concrete be used (refer to page 4 of 4). If this is not practical, we recommend that the anchor location be framed out and installed at a later date with the proper concrete mix (see Installation Instructions for Existing Deck).
- ⑨ Make sure the socket covers are visible and able to be removed when finishing the deck.

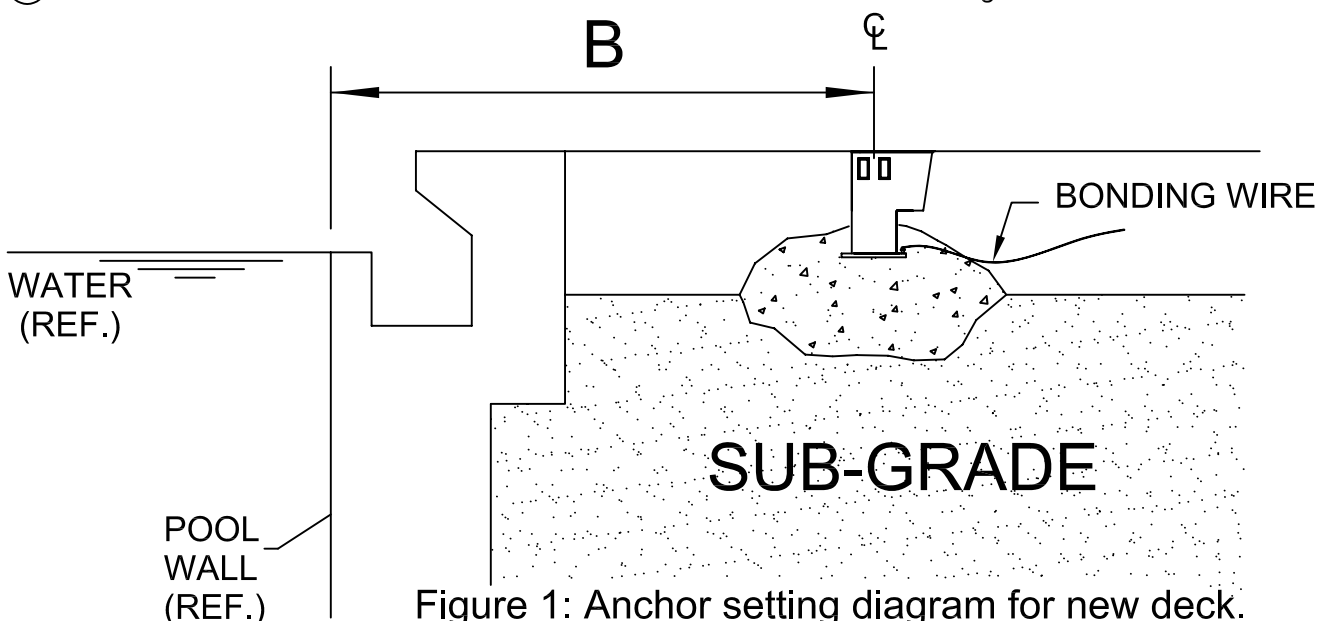


Figure 1: Anchor setting diagram for new deck.

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Quickset Starting Platform Anchor Setting Procedure for EXISTING DECKS

- ① Locate approximately where the starting platforms are to be installed (refer to Figure 1 on page 1 of 4). This will be at the 'B' dimension back from the pool wall and at the center of the lane.
NOTE: The 'B' dimension can vary and is dependent on the specific Quickset style starting platform used. Refer to proper specification sheet for make and model number of platform for correct 'B' dimension or consult with your Distributor for assistance.
- ② Cut a hole in the deck (at the 'B' dimension) measuring approximately 8" x 11" x 10" deep. Undercut the sides of the lower half of the hole slightly (see Figure 2).
- ③ Remove the covers from the anchor sockets and attach them to a wood board via wood screws. The covers should be spaced one lane width apart (see Figure 3).
- ④ Align the edges of the covers to be parallel to the edge of the board. Replace the anchors onto the cover.
- ⑤ Lay the board over the excavated holes with the long edge parallel to the pool wall. Properly bond/ground each anchor at this time. Set the center point of each anchor at the exact 'B' dimension from the pool wall as specified on the specification sheet for the make and model of the platform ordered.
NOTE: The center of the anchor socket should not be located closer than 5" to joints, trenches, curbs, drains or anything else that disrupts the continuity of the slab. A firm bond between the anchor and the slab must be created and maintained to provide the necessary strength to support the platform.
- ⑥ Check the level of the board/anchor in both directions. Shim if necessary.
- ⑦ Fill the holes with the proper concrete mix.
NOTE: To avoid crushing the anchor, we recommend that a non-expanding type be used (refer to page 4 of 4).
- ⑧ After the concrete has set and cured, remove the board and the screws from the covers.
- ⑨ Replace the covers or install the starting platforms.

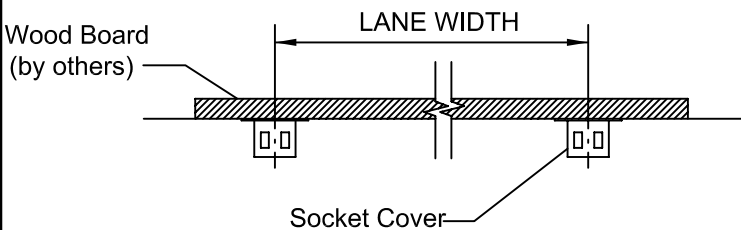


Figure 3: Fixture diagram.

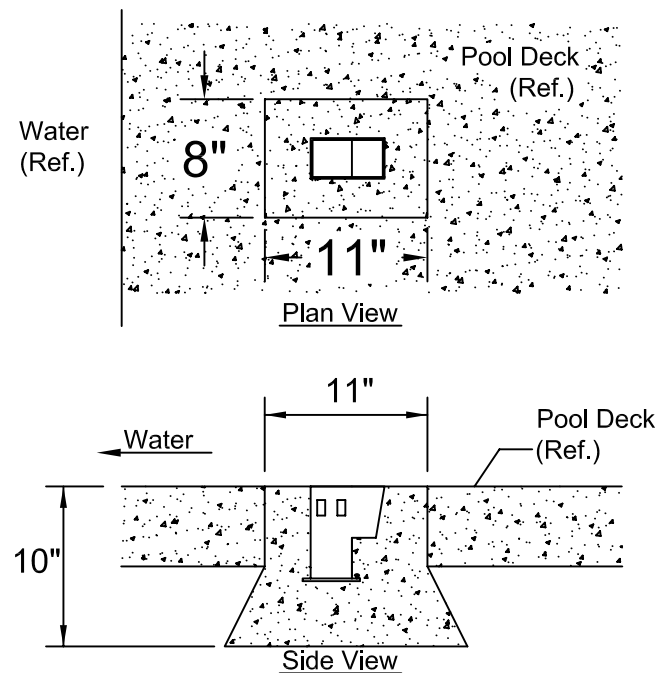


Figure 2: Anchor setting diagram for existing deck.

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Quickset Starting Platform Anchor Setting Procedure for FRAMED SLAB DECKS

- ① Locate approximately where the starting platforms are to be installed (refer to Figure 1 on page 1). This should be at the 'B' dimension as measured back from the pool wall and at the center of the lane.
NOTE: The 'B' dimension can vary and is dependent on the specific Quickset style starting platform used. Refer to proper specification sheet for make and model number of platform for correct 'B' dimension or consult with your Distributor for assistance.
- ② Cut a hole through the slab (at the 'B' dimension) measuring approximately 6" x 8". Undercut in a hourglass shape the sides of the hole slightly (see Figure 4).
- ③ Construct a 1/2 box to achieve a 10" minimum pour depth dimension as shown and lag to the underside of the slab. Support the box by wedging vertical supports between the room floor and underside of the box. Supports should remain until concrete is poured and cured.
- ④ Remove the covers from the anchor sockets and attach them to a wood board with wood screws. The covers should be spaced one lane width apart (see Figure 3 on page 2).
- ⑤ Align the edges of the covers to be parallel to the edge of the board. Replace the anchors onto the covers.
- ⑥ Lay the board over the excavated holes with the long edge parallel to the pool wall. Properly bond/ground each anchor at this time. Set the center point of each anchor at the exact 'B' dimension from the pool wall as specified on the specification sheet for the make and model of the platform.
NOTE: The center of the anchor socket should not be located closer than 5" to joints, trenches, curbs, drains or anything else that interrupts the continuity of the slab. A firm bond between the anchor and the slab must be created and maintained to provide the necessary strength to support the platform.
- ⑦ Check the level of the board/anchor in both directions. Shim if necessary.
- ⑧ Fill the holes with the proper concrete mix. Make surface flush and smooth with existing deck.
NOTE: To avoid crushing the anchor, we recommend that a non-expanding type be used (see page 4 of 4).
- ⑨ After the concrete has set and cured, remove the wood board and screws from the covers. Remove the vertical supports if desired.
- ⑩ Replace the covers or install the starting platforms.

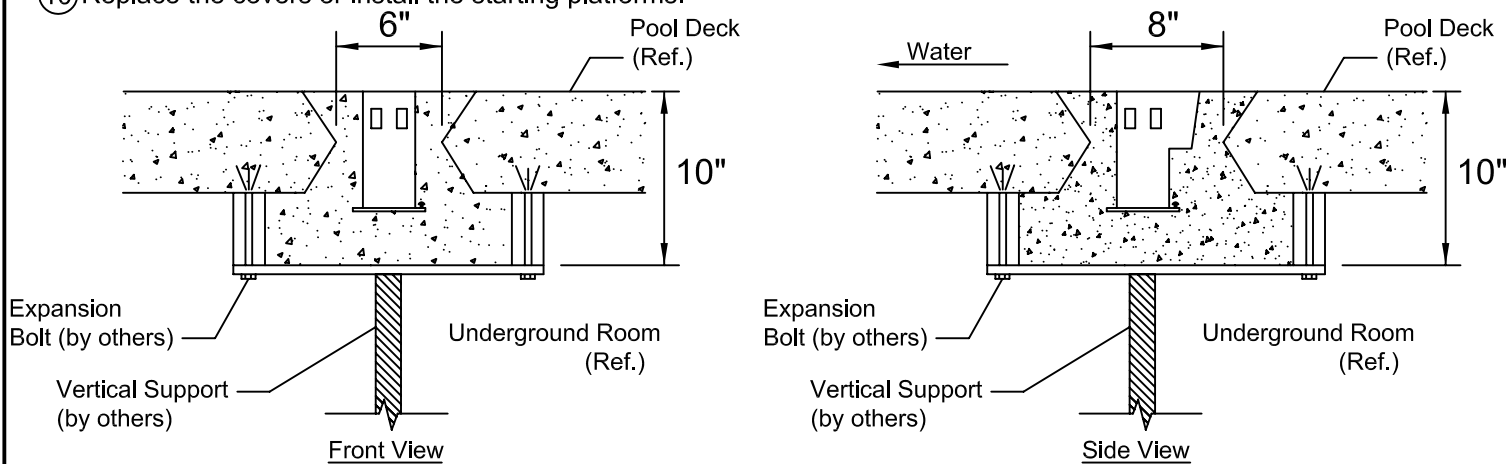


Figure 4: Anchor setting diagram for slab deck with underground room.

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Quickset Starting Platform Anchor Setting Recommendations

NOTICE TO INSTALLERS

IT HAS COME TO OUR ATTENTION THAT THE NEW TYPES OF CONCRETE AND ANCHORING CEMENT ARE BEING USED TO PROVIDE ADDITIONAL STRENGTH AND CHEMICAL RESISTANCE IN A POOL ENVIRONMENTS. THESE NEW MATERIALS HOWEVER, TEND TO EXPAND MORE THAN THE MATERIALS COMMONLY USED THROUGHOUT THE POOL CONSTRUCTION INDUSTRY.

OUR QUICKSET ANCHORS ARE DESIGNED WITH PRECISE MEASUREMENTS TO FIT CORRECTLY WITH THE STARTING PLATFORM. THEY ARE NOT DESIGNED TO RESIST THE EXCESSIVE COMPRESSIVE LOADS THAT RESULT FROM THE EXPANSION OF THESE NEW MATERIALS.

TO ENSURE THAT THE QUICKSET ANCHORS MAINTAIN THEIR PROPER DIMENSIONS WE RECOMMEND THAT ANY NON-EXPANDING TYPE CONCRETE BE USED WHEN SETTING THE ANCHORS.

When contractors install walkways or pool decking, they will usually use concrete with a compressive strength of 3000 to 4000 PSI. This usually consists of sand aggregate and Portland type I/II cement. As long as there are no additives to this mixture, the concrete should not expand or contract during cure. To ensure a proper cure, a drying blanket (plastic or wetted burlap) should be placed over the new concrete. This is very important especially during the summer months and in hot/dry environments.

When installing Paragon anchors in a new or existing deck, care must be taken as to not damage or change the shape of the anchors. Paragon Quickset anchors are fabricated to very small tolerances, and any change to these will make installation of finished goods extremely difficult or impossible.

When installing Paragon anchors, never use an expanding/hydraulic type cement to encapsulate the anchor. Although this cement is very strong and dries quickly, it will distort the anchor. Many installers use a ready mix concrete or sand mix such as Sakrete[®] or equivalent, which is available in most lumber or hardware stores. (The concrete mix is rated at 3500 PSI and the sand mix at 5000 PSI). Some installers may add 3% of Portland type I/II cement to increase bond and strength to the ready mix.

If the holes are core drilled, the smooth surface created by the drill must be roughened and the lower portion of the hole widened (as described in the previous pages). Any dust and loose particles must also be removed. This will allow the new concrete mix to better bond.

You are now ready to set anchors. Please follow Paragon's installation instructions and setting procedures found on pages 1-3.

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