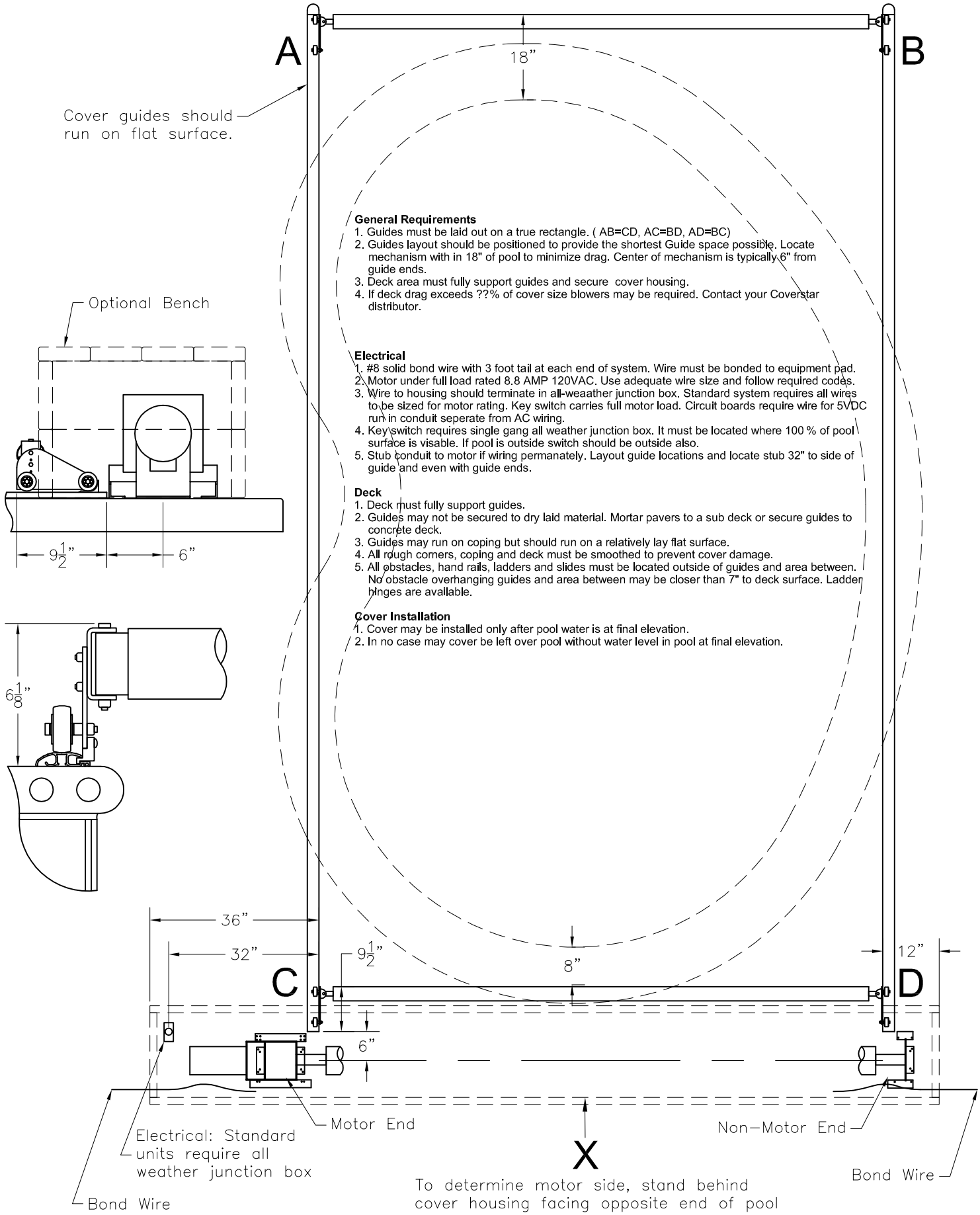
# Deckmount Topguide System




**General Requirements**

1. Guides must be laid out on a true rectangle. ( AB=CD, AC=BD, AD=BC)
2. Guides layout should be positioned to provide the shortest Guide space possible. Locate mechanism with in 18" of pool to minimize drag. Center of mechanism is typically 6" from guide ends.
3. Deck area must fully support guides and secure cover housing.
4. If deck drag exceeds ??% of cover size blowers may be required. Contact your Coverstar distributor.

**Electrical**

1. #8 solid bond wire with 3 foot tail at each end of system. Wire must be bonded to equipment pad.
2. Motor under full load rated 8.8 AMP 120VAC. Use adequate wire size and follow required codes.
3. Wire to housing should terminate in all-weaather junction box. Standard system requires all wires to be sized for motor rating. Key switch carries full motor load. Circuit boards require wire for 5VDC run in conduit seperate from AC wiring.
4. Key switch requires single gang all weather junction box. It must be located where 100 % of pool surface is visable. If pool is outside switch should be outside also.
5. Stub conduit to motor if wiring permanately. Layout guide locations and locate stub 32" to side of guide and even with guide ends.

**Deck**

1. Deck must fully support guides.
2. Guides may not be secured to dry laid material. Mortar pavers to a sub deck or secure guides to concrete deck.
3. Guides may run on coping but should run on a relatively lay flat surface.
4. All rough corners, coping and deck must be smoothed to prevent cover damage.
5. All obstacles, hand rails, ladders and slides must be located outside of guides and area between. No obstacle overhanging guides and area between may be closer than 7" to deck surface. Ladder hinges are available.

**Cover Installation**

1. Cover may be installed only after pool water is at final elevation.
2. In no case may cover be left over pool without water level in pool at final elevation.