

USBC Dock Requirements Guide:

Bedford County, Franklin County, Pittsylvania County, Campbell County



Electrical:

- *All outlets (including 240v. boat hoist) shall be GFCI protected. (NEC 210.8(c), 682.15)
- *All wiring exposed on the structure shall be UF cable and be in conduit where subject to physical damage. (NEC 340.12)
- *Electrical disconnecting means shall be provided at the dock. (NEC 225.32)
Disconnecting means for floating docks shall be located on land in sight, no closer than 5' from the shoreline. (NEC 682.11)
- *Bond all metal parts in contact with water that are likely to become energized. (NEC 682.32)
- * All electrical connections, receptacles and switches shall be located 4' (minimum) above the dock floor. (NEC 682.12)
- *Sub-panel shall be fed with 4-wire feeder. (NEC 250.32)
- *Neutrals in sub-panel shall be isolated. (NEC 250.24(5))
- *Sub-panel equipment grounds must be grounded to a rod on shore. (NEC 250.32)

Structural:

- *All stairs, landings, platforms, and decks more than 30" above the main level of the dock require handrails and guardrails in accordance with VRC.
- *All stairs, landings, platforms, and decks more than 30" above adjacent grade associated with the dock require guardrails in accordance with VRC.
- *All bearing beams & girders shall be bolted to the supporting piers.
- *Additional bracing is required between all boat lift pulley attachment points.

