

Safewater Electric

DOCK QUICK INSPECTION GUIDE

7 EASY THINGS YOU CAN CHECK TODAY

(SEE NFPA NEC-2020 SECTION 555)

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DISCONNECT:
MEANS OF ELECTRICAL
DISCONNECT AT THE
HEAD OF THE DOCK.
NEC 555.4

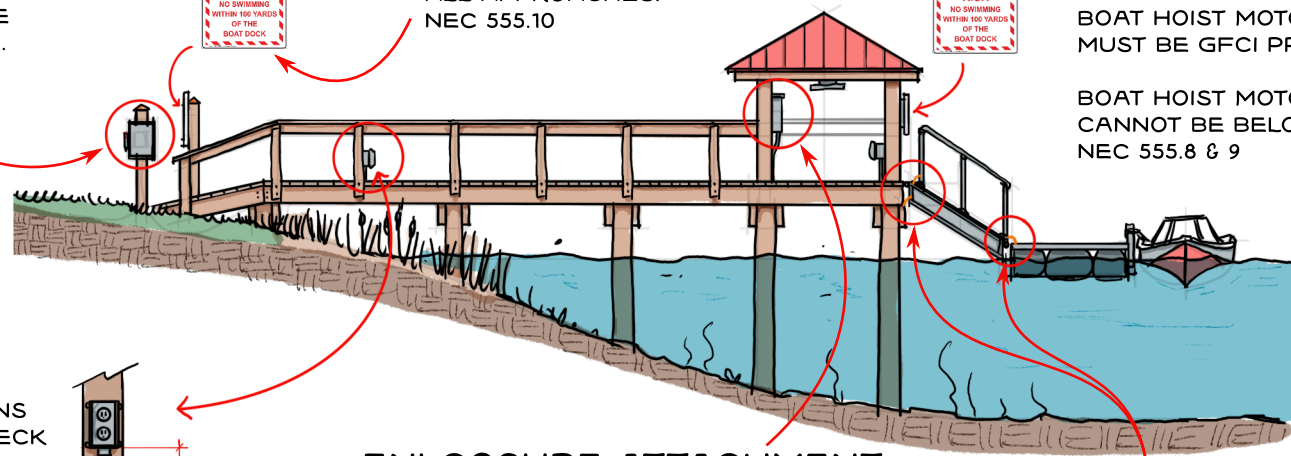


SIGNAGE:
REQUIRED SIGNAGE
EXPLAINING THE
DANGER OF ELECTRICITY
IN THE AREA, VISIBLE FROM
ALL APPROACHES.
NEC 555.10



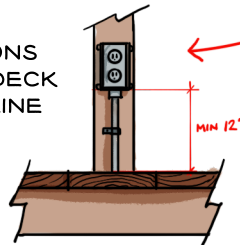
GFCI PROTECTION
BOAT HOIST MOTORS AND CONTROLS
MUST BE GFCI PROTECTED.

BOAT HOIST MOTORS AND CONTROLS
CANNOT BE BELOW THE DATUM PLANE
NEC 555.8 & 9



OUTLET LOCATION

ALL OUTLETS AND CONNECTIONS
MUST BE MIN. 12" ABOVE THE DECK
AND NOT BELOW THE DATUM LINE
NEC 555.30 (A - C)



GFCI PROTECTION

ALL RECEPTACLES MUST BE
GFCI PROTECTED
NEC 555.33(B)(1) & (2)

ENCLOSURE ATTACHMENT

ALL ENCLOSURES MUST BE SECURED
TO THE STRUCTURE AND NOT SUPPORTED
ONLY BY CONDUIT.

ENCLOSURES CANNOT INTERFERE WITH
MOORING LINES
NEC 555.33(B)(1) & (2)

BONDING

ALL METAL PARTS IN CONTACT WITH
THE WATER, METAL PIPING, AND ALL
NON-CURRENT-CARRYING METAL
PARTS LIKELY TO BE ENERGIZED MUST
BE BONDED WITH #8 AWG COPPER
AND UL LISTED LUGS.
NEC 555.13

THINGS TO HAVE CHECKED BY A QUALIFIED PROFESSIONAL:

- * COPPER CONDUCTORS FOR ALL CIRCUITS
- * PROPER 4-WIRE SERVICE WIRES, SIZED FOR VOLTAGE DROP AND DISTANCE
- * PROPER GROUNDING



OTHER THINGS TO LOOK FOR:

WATCH OUT FOR CORRODED METAL ELECTRICAL ENCLOSURES,
EXPOSED WIRES, DAMAGED CONDUIT, OR FAULTY CIRCUITS.

CHECK TO MAKE SURE ALL CIRCUITS ARE GFCI PROTECTED.