

ELECTRICAL IN-GROUND

ALL CODE REFERENCES ARE 2008 N.E.C UNLESS OTHERWISE NOTED

CONDUIT

- * RIGID GALVANIZED AND I.M.C. CONDUIT MUST BE MINIMUM OF 6" IN GROUND. (TABLE 300-5)
- * PVC CONDUIT MUST BE MINIMUM OF 18" IN GROUND. (TABLE 300-5)
- * NO MORE THAN 360 DEGREES IN BENDS ALLOWED BETWEEN PULL BOXES. (344.26)
- * ALL PVC CONDUIT AND FITTINGS MUST BE MINIMUM OF SCHEDULE 40 GRAY ELECTRICAL CONDUIT. (352.10 & 12)
- * PVC CONDUIT SUBJECT TO SEVERE DAMAGE MUST BE SCHEDULE 80 OR PROTECTED FROM DAMAGE. (352.10(F) *fpn* & 352.12(c))
- * UNDERGROUND SERVICE ENTRANCE CONDUCTORS MUST HAVE A WARNING RIBBON PLACED IN TRENCH AT LEAST 12" ABOVE CONDUCTORS. (300-5d)(3)
- * A BUSHING OR FITTING WITH AN INTEGRAL BUSHING IS REQUIRED AT THE END OF A CONDUIT THAT TERMINATES UNDERGROUND WHERE THE WIRES EMERGE. (300.5 (H))

WIRE

- * WIRE IS TYPE UF OR USE FOR DIRECT BURIAL CONDUCTORS. (310-7)
- * WIRE TO BE INSTALLED AT LEAST 24" BELOW GRADE FOR DIRECT BURIAL WITHOUT CONDUIT. (TABLE 300-5)
- * EXCEPTION – DIRECT BURIAL CABLES FOR RESIDENTIAL BRANCH CIRCUITS 20 AMP – 120 VOLT PROTECTED BY GFCI MAY BE INSTALLED 12" BELOW GRADE. (TABLE 300-5)
- * WIRE MUST BE PROTECTED OUT OF GROUND. (300-5d)

ENCLOSURES

- * MUST BE UL APPROVED FOR LOCATION. (110-2 & 110-3)
- * ELECTRICAL PANELS AND BOXES **USED OUTDOORS** MUST BE WEATHERPROOF TYPE NEMA-3R APPROVED WITH APPROVED WEATHERPROOF COVER. (110-2 & 110-3, **110.20 & 404.4**)
- * A TOTALLY ENCLOSED WEATHERPROOF OUTLET COVER **WHICH REMAINS WEATHERPROOF WITH THE CORD ATTACHED** MUST BE USED **ON ALL 15-20 AMP/ 120-250 VOLT RECEPTICLES INSTALLED IN WET LOCATIONS. (406.8(B))**
- * RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD, LEAVE REJECT IF NECESSARY OR COURTESY NOTE IF YOU NEED TO CONVEY A MESSAGE.

THIS LIST IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING