

City of Bellevue Electric Inspection checklist

General Permit items:
Permit Card posted - FBC 105.7
Approved site plan FBC 107.3.5
Approved set of plans on site - FBC 107.3.1
Sanitary facilities on site - FBC 3305.1, FBC P 311.1
Temporary Power Pole Inspection
A. Support post a minimum of 4"x4" pressure treated post with two 2"x4"x14' long braces all of adequate height, and buried to the proper depth (Utility requirement)
B. Service drop conductors required to have a minimum 10' or 12' vertical clearance (NEC 230.24B1 or B2, NEC 225.18)
C. Grounding electrode installed. (NEC 250.52)
D. Proper identification of neutral and grounding conductors. (NEC 200.6, 250.119)
E. Receptacles must be GFCI protected and weatherproofed (NEC 590.6, 406.8)
Rough Electric Inspection:
A. Burial depths of all direct burial conductors comply with NEC Table 300.5
B. All direct burial conductors must be rated for direct burial and suitable for wet conditions (NEC 310.8, 310.13)
C. Underground raceway depth complies with NEC Table 300.5
D. All conductors installed in raceways underground, in concrete slabs or masonry in direct contact with the earth must be suitable for wet locations (NEC 310.8, 310.13)
E. Grounding Electrode system- concrete encased electrode installed in the footing or monolithic slab (NEC 250.52(A)(3))
F. Verify service entry location, size, raceway (NEC 230, 250, 310, 312, 314, Ch 9 Tables 4 & 5)
G. General Lighting Circuits - verify all required outlets (NEC 210.70, 210.63)
H. General Lighting circuits- confirm bathroom light fixture type and location (NEC 410.10(D))
I. General Wiring - all wiring installed and properly supported with no open splices (NEC 334.30, 322.56, 110.14, 300.15)
J. General Wiring - nail protection plating as required (NEC 300.4(A)(1), 300.4(B)(2), 300.4(D))
K. General Wiring - proper application of installed wiring system (MC Cable, NM Cable, SE Cable, etc)(NEC 330, 334, 338 Ampacities 310.16)
L. General Wiring - all unused opening in junction boxes and cabinets must be closed (NEC 110.12(A), 408.7, 312.5A)
M. General Wiring - verify ceiling insulation type, if structure receives batt insulation all wiring must be secured above the trusses (FBC Energy 303.2.3)
N. Grounding & Bonding - all metal boxes and raceways grounded (NEC 250.80, 250.148, 314.4, 314.40(D))
O. Grounding & bonding - metal piping systems - exposed interior structural steel and all metal framing members bonded (NEC 250.104, FBC 2704, FBCR 3402, 250.122)
P. Smoke Detectors - inside and outside all sleeping areas (NFPA 72 11.5.1.1)
Q. Smoke Detectors - maintain a minimum distance of 36" from supply air grills, bathroom and kitchen doors and ceiling fan blades (NFPA 72 11.8.3.5)
Semi Power Release Inspection:
A. All open boxes, outlets, switches, etc. are made safe and properly completed or covered up to 8'.

