

VILLAGE OF NORTHBROOK

FINAL ELECTRICAL/MECHANICAL INSPECTION - New Single-Family Construction

(Corey Friedman, Electrical / Mechanical Inspector, 847.664-4061)



Project Address: _____

Key To Inspection Remarks:

F	= Failed
NA	= Not Applicable
1	= Approved During Insp. #1
2	= Approved During Re-Insp. #2
3	= Approved During Re-Insp. #3

Permit#: _____

Inspection #1: Date: _____ Owner/Contractor Signature: _____

Inspection #2: Date: _____ Owner/Contractor Signature: _____

Inspection #3: Date: _____ Owner/Contractor Signature: _____

PLEASE READ: This final inspection report includes primary sections but is not all inclusive and other components and systems will be inspected.

1. _____ Access to Panel- Clearance around service panel minimum 30" wide x 36" deep. (NEC 110.26)
2. _____ Ground (Street-Side Water Meter)- All grounding to conform with NEC 250.53, NB Amend.
3. _____ Breakers- Panel directory labeled (each disconnect shall be legibly marked). (NEC 110.22)
4. _____ AFCI Breakers: Combination type. ALL bedroom outlets, receptacles and lights (this includes closet lights, closet receptacles and smoke detectors) NEC 210.12(B)
5. _____ Branch Circuit Min.1-20 Amp, laundry/bath (NEC 210.11)
6. _____ Branch Circuits Min. 2-20 Amp, Kitchen-(NEC 210.11)
7. _____ 3-4 Way Switch- Rooms or areas accessible by more than one entry, switch to control lighting at each entry. (NB Amendment 210.70(A)(1))
8. _____ GFCI Kitchen Counter Receptacles- (NEC 210.8(a)(6))
9. _____ GFCI All Bathroom Receptacles - (NEC 210.8(a)(1))
10. _____ GFCI Within 6' of Laundry Sinks- (NEC 210.8(a)(7))
11. _____ Outdoor Receptacles "Bubble" Covers (NEC 406.8)
12. _____ Garbage Disposal, Approved Wiring- (NEC 210.23 (a)(2))
13. _____ Whirlpool Access to Pump- (NEC 680.71)
14. _____ Smoke/CO Detectors- Smoke/CO required to IRC 313.2.1, State of IL. Requirements 425 ILCS 60 and 094 - 0741
15. _____ Closet Lights- Shall comply with NEC 410.8
16. _____ Low Voltage Lighting- Manufacturer's specs required for all low-voltage lights & transformers, and installed per specs and NEC 411
17. _____ Access to A/C Disconnect: Disconnect to be accessible and not behind condenser. NEC 110.26(a)
18. _____ Access to Furnace: 30" minimum or manufacturer specs to service area. (IRC 1305.1)
19. _____ Access to Furnace in Attic: Opening to attic larger than furnace equipment. (IRC 1305.1.3)
20. _____ Access to Furnace in Attic: Solid flooring min. 24" wide from access to furnace & 30"x30" level platform at service side. (IRC 1305.1.3)
21. _____ Access to Water Heater: 30" minimum or manufacturer specs to service area. (IRC 1305.1)
22. _____ Gas Valve- Piping systems shall be provided with shutoff valves in accordance with IRC G2420.
23. _____ Sediment Trap- Where a sediment trap is not incorporated as part of the gas utilization equipment, a trap shall be installed (IRC.2419.4)
24. _____ Filter Access- Heating/cooling equipment and appliances shall be installed in accordance with applicable codes/specs (IRC, M1401.1)
25. _____ Cond. Drains- Condensate from cooling coils/evaporators shall be conveyed to an approved place of disposal. (IRC, M1411.3)
26. _____ Insulation, AC Lines- Piping and fittings for refrigerant vapor (suction) lines shall be insulated (IRC, M1411.5)
27. _____ Flue B, Vent 1" Clear- Chimneys/vents shall have airspace clearance to combustibles in accordance with this code (IRC, M1801.3.4)
28. _____ High Efficient Equipment Venting- Exhaust discharge & air intake to be 36" from finished grade (IRC, M1804.1, Amend.)
29. _____ Vent Support- Fuel-burning appliances shall be vented to the outdoors in accordance with their listing/label. (IRC, M1801.1)
30. _____ Dryer Vent- The air removed by every mechanical exhaust system shall be discharged to the outdoors and vent connectors of approved type (IRC, M1502)
31. _____ Combustion Air- All fuel burning appliances require appropriate combustion air. (IRC M1701,02,03)
32. _____ Energy Certificate- Certificate shall be completed and posted on/in electrical service panel. Final confirmation of all energy code items. (2006 IECC)

Comments: _____

Recommend for Occupancy Certificate: Temporary Certificate Date: _____

Final Certificate Date: _____