

VILLAGE OF NORTHBROOK

FINAL ELECTRICAL/MECHANICAL INSPECTION - New Single-Family Construction

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



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

Project Address: \_\_\_\_\_

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: \_\_\_\_\_  
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Recommend for Occupancy Certificate:  Temporary Certificate Date: \_\_\_\_\_  Final Certificate Date: \_\_\_\_\_