

VILLAGE OF NORTHBROOK

FINAL ELECTRICAL/MECHANICAL INSPECTION - New Single-Family Construction

(Corey Friedman, Electrical / Mechanical Inspector, 847.272.5050; ext. 4246)



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.

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| <ul style="list-style-type: none"> 1. _____ <u>Access to Panel</u>- Clearance around service panel minimum 30" wide x 36" deep. (NEC 110.26) 2. _____ <u>Ground (Street-Side Water Meter)</u>- All grounding to conform with NEC 250.53, NB Amend. 3. _____ <u>Breakers</u>- Panel directory labeled (each disconnect shall be legibly marked). (NEC 110.22) 4. _____ <u>AFCI Breakers</u>: Combination type. ALL bedroom outlets, receptacles and lights (this includes closet lights, closet receptacles and smoke detectors) NEC 210.12(B) 5. _____ <u>Branch Circuit Min.1-20 Amp, laundry/bath</u> (NEC 210.11) 6. _____ <u>Branch Circuits Min. 2-20 Amp, Kitchen</u>- (NEC 210.11) 7. _____ <u>3-4 Way Switch</u>- Rooms or areas accessible by more than one entry, switch to control lighting at each entry. (NB Amendment 210.70(A)(1)) 8. _____ <u>GFCI Kitchen Counter Receptacles</u>- (NEC 210.8(a)(6)) 9. _____ <u>GFCI All Bathroom Receptacles</u> - (NEC 210.8(a)(1)) 10. _____ <u>GFCI Within 6' of Laundry Sinks</u>- (NEC 210.8(a)(7)) 11. _____ <u>Outdoor Receptacles "Bubble" Covers</u> (NEC 406.8) 12. _____ <u>Garbage Disposal, Approved Wiring</u>- (NEC 210.23 (a)(2)) 13. _____ <u>Whirlpool Access to Pump</u>- (NEC 680.71) 14. _____ <u>Smoke/CO Detectors</u>- Smoke/CO required to IRC 313.2.1, State of IL. Requirements 425 ILCS 60 and 094 - 0741 15. _____ <u>Closet Lights</u>- Shall comply with NEC 410.8 16. _____ <u>Low Voltage Lighting</u>- Manufacturer's specs required for all low-voltage lights & transformers, and installed per specs and NEC 411 17. _____ <u>Access to A/C Disconnect</u>: Disconnect to be accessible and not behind condenser. NEC 110.26(a) 18. _____ <u>Access to Furnace</u>: 30" minimum or manufacturer specs to service area. (IRC 1305.1) 19. _____ <u>Access to Furnace in Attic</u>: Opening to attic larger than furnace equipment. (IRC 1305.1.3) | <ul style="list-style-type: none"> 20. _____ <u>Access to Furnace in Attic</u>: Solid flooring min. 24" wide from access to furnace & 30"x30" level platform at service side. (IRC 1305.1.3) 21. _____ <u>Access to Water Heater</u> : 30" minimum or manufacturer specs to service area. (IRC 1305.1) 22. _____ <u>Gas Valve</u>- Piping systems shall be provided with shutoff valves in accordance with IRC G2420. 23. _____ <u>Sediment Trap</u>- Where a sediment trap is not incorporated as part of the gas utilization equipment, a trap shall be installed (IRC.2419.4) 24. _____ <u>Filter Access</u>- Heating/cooling equipment and appliances shall be installed in accordance with applicable codes/specs (IRC, M1401.1) 25. _____ <u>Cond. Drains</u>- Condensate from cooling coils/evaporators shall be conveyed to an approved place of disposal. (IRC, M1411.3) 26. _____ <u>Insulation, AC Lines</u>- Piping and fittings for refrigerant vapor (suction) lines shall be insulated (IRC, M1411.5) 27. _____ <u>Flue B, Vent 1" Clear</u>- Chimneys/vents shall have airspace clearance to combustibles in accordance with this code (IRC, M1801.3.4) 28. _____ <u>High Efficient Equipment Venting</u>- Exhaust discharge & air intake to be 36" from finished grade (IRC, M1804.1, Amend.) 29. _____ <u>Vent Support</u>- Fuel-burning appliances shall be vented to the outdoors in accordance with their listing/label. (IRC, M1801.1) 30. _____ <u>Dryer Vent</u>- The air removed by every mechanical exhaust system shall be discharged to the outdoors and vent connectors of approved type (IRC, M1502) 31. _____ <u>Combustion Air</u>- All fuel burning appliances require appropriate combustion air. (IRC M1701,02,03) 32. _____ <u>Energy Certificate</u>- Certificate shall be completed and posted on/in electrical service panel. Final confirmation of all energy code items. (2006 IECC) |
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Comments: _____

Recommend for Occupancy Certificate: Temporary Certificate Date: _____

Final Certificate Date: _____