

RESIDENTIAL HVAC REPLACEMENT

Please review the ENTIRE list below and initial EACH item as provided.

1. GENERAL PERMIT:

- _____ a. Completed General Permit application form.
- _____ b. Contractor information.
- _____ c. Heating and cooling equipment sized in accordance with ACCA Manual S based on building loads calculated in accordance with ACCA Manual .

NOTE: MANUAL J CALCULATIONS MUST BE SUBMITTED & EQUIPMENT SIZE(S) MUST BE SPECIFIED

DESIGN TEMPERATURES:

INTERIOR: 89°F (summer), -4°F (winter)

EXTERIOR: 72°F (heating), 75° (cooling)

- _____ d. IF ANY EXTERIOR EQUIPMENT IS TO BE INSTALLED/REPLACED
 - ✓ 2 copies- Plat of survey indicating location of unit, structure(s) and property line(s) with dimensions. Including specifications and details of pad and screening for outdoor mechanical equipment.
 - ✓ 2 copies- Manufacturers Specifications and details regarding sound levels generated.
 - ✓ Homeowner's Association approval letter (when appropriate- for additional/relocated units).

2. ELECTRICAL PERMIT- **IF REQUIRED:*

- _____ a. A licensed electrical contractor- (1 copy of current license obtained by testing).
- _____ b. Completed and Signed Electrical Permit application form.

3. INSPECTION HIGHLIGHTS- THE INSPECTOR WILL LOOK FOR THESE:

- ✓ Location of Heating, Air Conditioning, and Refrigeration Equipment Outlet- per 2014 NEC 210.63.
 - * NOTE: Electric Permit REQUIRED if an outlet needs to be added.*
- ✓ Working Space -Min 30" x 36" - per 2014 NEC 110.26.
- ✓ Programmable Thermostat- per 2018 IECC R403.1.1.
- ✓ Duct Sealing – per 2018 IECC R403.2.2.
- ✓ Duct Tightness testing- per 2018 IECC R403.2.2.
- ✓ Mechanical system piping insulation – per 2015 IECC R403.3
- ✓ Condensate disposal- per 2015 IRC 1411.3
- ✓ Combustion air per 2015 IRC Chapters 17 & 24

Since the Village of Oak Brook has a variety of zone districts with differing requirements, it has been found to be beneficial for staff to review the locations after submittal rather than encourage individual interpretations. For the specifics of the ordinance, please feel free to refer to Chapter 13 of the Village Code (www.oak-brook.org).

INCOMPLETE SUBMITTALS WILL NOT BE APPROVED.