



## City of South Euclid Building Department

1349 South Green Road South Euclid, Ohio 44121  
216-381-0400

### Instruction for Submitting an Application for Residential Plan Approval

Fill out the *"Application for Residential Plan Approval"* on page 2 and 3.

- You are required to select one of the three (3) methods to show energy compliance.

Fill out the *"Ohio Residential Plan Systems Description Form"* on page 4.

Fill out the *"Professional Service Fee Acknowledgement Form"* and provide fee.

Submit two (2) complete sets of construction documents along with the associated forms. The following information shall include information necessary to determine compliance with the code. (Full description of the requirements per Section 106 of the Residential Code of Ohio)

- Index
- Site plan
- Floor plans
- Exterior wall envelope
- Sections
- Ratings
- System descriptions
- Additional information
- For additions, provide photographs of existing structure.

Required inspections (Full description of the requirements for the inspection per Section 108 of the Residential Code of Ohio).

- Lot line markers
- Footing or foundation inspection
- Concrete slab and under floor inspection
- Lowest floor elevation
- Frame inspection
- Lath or gypsum board inspection (fire resistive or shear assembly)
- Fire-resistant penetrations
- Energy efficiency inspections
- Testing of residential building service equipment

*Note: Manufacturer's installation instructions must be on site at the time of inspection for all equipment and appliances.*



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## Application for Residential Plan Approval

**Project Location:**

Address \_\_\_\_\_

**Type of Project:**

|  |  |
|--|--|
| <input type="checkbox"/> New Building Construction:<br><input type="checkbox"/> Single Family Dwelling<br><input type="checkbox"/> Two Family Dwelling<br><input type="checkbox"/> Three Family Dwelling | <input type="checkbox"/> Building Addition<br><input type="checkbox"/> Building Alterations<br><input type="checkbox"/> Building Repairs<br><input type="checkbox"/> Request Existing Bldg. C of O |
|--|--|

**Brief description of the scope of work covered under this application:**

\_\_\_\_\_  
\_\_\_\_\_

**Property Owner Information:**

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_ Fax \_\_\_\_\_  
Email \_\_\_\_\_

**Applicant Information (Owner or designated representative):**

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_ Fax \_\_\_\_\_  
Email \_\_\_\_\_

**Square Footage:**

| Check appropriate floor(s):                | Gross square footage per floor: |
|--|---------------------------------|
| <input type="checkbox"/> Basement          |                                 |
| <input type="checkbox"/> First Floor       |                                 |
| <input type="checkbox"/> Second Floor      |                                 |
| <input type="checkbox"/> Additional floors |                                 |
| Total Building Gross Square Footage        |                                 |

**Cost of Construction:**

Cost of the work covered by this application: \_\_\_\_\_

**Energy Compliance:**

Compliance shall be demonstrated by meeting the requirements of one of the three following options listed below. Applicant shall indicate the energy compliance option:

2009 International Energy Conservation Code (IECC)

**Check one of the following:**

- Res Check based on the 2009 IECC
- Prescriptive method based on 2009 IECC Table 402.1.1
- Prescriptive method based on U-factor alternative 2009 IECC 402.1.3
- Prescriptive method based on Total UA alternative 2009 IECC 402.1.4

**Check one of the following:**

- Testing option per 1102.4.2.1 (blower door)
- Visual inspection option per 1102.4.2.2 (third party inspection)

2013 RCO Sections 1101-1104 Prescriptive Method

**Check one of the following:**

- Testing option per 1102.4.2.1 (blower door)
- Visual inspection option per 1102.4.2.2 (third party inspection)

2013 RCO Section 1105 "The Home Builder's Association Energy Code Option"

**Check one of the following:**

- Compliance Path #1
- Compliance Path #2

**\*Testing air leakage (blower door) will take effect January 1, 2014.**

**Certification:**

I certify that I am the \_\_\_ owner \_\_\_ agent for the owner, and all information contained in this application is true, accurate, and complete to the best of my knowledge. All official correspondence in connection with this application should be sent to my attention at the address shown above.

Signature \_\_\_\_\_  
Print Name \_\_\_\_\_ Date \_\_\_\_\_

**This Application for Residential Plan Approval must be submitted along with:**

- Professional Service Fee Acknowledgement form and associated fee in accordance with South Euclid Codified Ordinance Section 1305.9,**
- Ohio Residential Plan Systems Description Form.**

**THE AREA BELOW IS FOR OFFICIAL USE ONLY:**

|                                     |                  |
|-------------------------------------|------------------|
| Date received:                      | Application No.: |
| Amount of Professional Service Fee: | Check No.:       |
| Processed by:                       |                  |

# Ohio Residential Plan Systems Description Form

## Electrical Design:

|  |
|--|
| Service Size:  |
| Panel Location in dwelling:  |
| Size of Service Entrance Cable:  |
| <input type="checkbox"/> Overhead <input type="checkbox"/> Underground |

Provide a detailed electrical diagram for services over 200 amps for review and approval.  
Provide detailed electrical and gas piping diagrams for generator installation.

## HVAC Design:

|   |
|---|
| <b>Heating</b> Equipment Type and Size:<br><input type="checkbox"/> Forced Air <input type="checkbox"/> Boiler <input type="checkbox"/> Heat Pump <input type="checkbox"/> Electric <input type="checkbox"/> Geothermal<br>Btu/h _____ Efficiency _____ |
| Location of heating equipment in dwelling:  |
| Type of Fuel:   |
| Design Heat Loss:   |

|   |
|---|
| <b>Cooling</b> Equipment Type and Size:<br><input type="checkbox"/> AC <input type="checkbox"/> Heat Pump <input type="checkbox"/> Geothermal<br>Btu/h _____ Efficiency _____ |
| Location of cooling equipment in dwelling:  |
| Design Heat Gain:   |

## Fuel Gas Design:

|   |
|---|
| Size of Gas Main:   |
| Number of Fuel Gas Outlets:   |
| Piping Materials:<br><input type="checkbox"/> Steel Pipe Sch. 40 <input type="checkbox"/> CSST <input type="checkbox"/> Other |