

# **Town of North Castle Building Department**

17 Bedford Road

Armonk, New York 10504-1898

Telephone: (914) 273-3000 ext. 44 Fax: (914) 273-3554

## **INFORMATION REQUIRED ON CONSTRUCTION DOCUMENTS**

To receive a building permit, the following information is required to be contained within construction documents.

### **ENERGY CODE COMPLIANCE PATH**

One of the following energy code compliance paths indicated clearly on the plans

- ☐ 2020 ECCCCNYS
  - ☐ Prescriptive
  - ☐ Prescriptive with envelope tradeoffs – Supply REScheck or other approved  $U_{\text{overall}}$  calculations
  - ☐ Simulated Performance Alternative – Supply IECC Energy Cost Report
  - ☐ Energy Rating Index Alternative – Supply Preliminary ERI Report and Energy Code Checklist

### **BUILDING THERMAL ENVELOPE**

- ☐ Continuous building thermal envelope depiction
- ☐ Typical cross-sections for each unique assembly type including callouts for:
  - ☐ Insulation R-values, materials, and installed thickness
  - ☐ Fenestration U-factors and solar heat gain coefficients (SHGCs)
  - ☐ Primary air barrier method, materials, and location
- ☐ Construction details for the following, if included in the scope of the project
  - ☐ Slab on grade with insulation extending downward from the top of the slab
  - ☐ Insulated corners: Framing allows space for insulation
  - ☐ Insulated headers: Insulation installed in headers as space allows
  - ☐ Fireplaces on exterior walls: Air barrier between insulation and fireplace insert
  - ☐ Dropped ceiling/soffit: Air barrier aligned with insulation
  - ☐ Porch roofs: Exterior wall sheathing extends behind intersection with porch roof
  - ☐ Skylight shafts: Shaft walls are insulated and include attic-side air barriers
  - ☐ Showers/tubs on exterior walls: Air barrier located between wall insulation and the shower/tub
  - ☐ Knee walls: Air barrier on attic side of knee wall, top plate installed, blocking between floor joists under knee wall
  - ☐ Blocking between joists above walls separating garages from conditioned space
  - ☐ Cantilevered floors: Insulated with solid air barriers underneath insulation and blocking between joists
  - ☐ Attic access hatches: Weatherstripped and insulated to the same R-value as the surrounding surface
- ☐ Notes indicate that insulation is to be installed per manufacturer's installation instructions or RESNET Grade I