

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 ECCCNYSL
 - Prescriptive
 - Prescriptive with envelope tradeoffs – Supply REScheck or other approved U_{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