

Stamped Building plans requirements

What specific NYS codes are the plans drawn to?

You need to list what year on the plans cover sheet!

The following codes are used by the Town of Kent as of May 12th. 2020:

- 2020 Building, Residential, Fire, Energy Conservation Construction Code, Existing Building, Property Maintenance, Plumbing ,Mechanical Fuel Gas - **2017** National Electrical Code
- Climate & Geographic design criteria – Table R301.2 (2)
- Insulation & Fenestration chart - 2020 ECCCNY table 402.1.2 for Zone 5
- Res-Check or Com-Check – printout attached to submittal

2020 ECCCNY mandatory provisions: Need to address on plans

1. R401.3 – Certificate
2. R402.4 – Air leakage
3. R402.5 – Maximum fenestration – U factor & SHGC
4. R402.4.6 - Tenant separation walls –(two/Multi-family) - New
5. R403.1 – Controls
6. R403.1.2 – Heat Pump supplements heat
7. R403.3.2 – Air Sealing
8. R403.3.3 – Duct Testing – 3rd party test required
9. R403.3.5 – Building cavities
- 10.R403.4 – Mechanical systems
- 11.403.5.1 – Heated water circulation & Temperature Maint Sys.
- 12.R403.6 – Mechanical Ventilation
- 13.R403.7 – Equipment sizing & efficiency rating
- 14.R403.8 – Systems serving multiple dwelling unit
- 15.R403.9 – Snow melting & ice systems control
- 16.R403.10 – Pools and permanent spa energy controls
- 17.R404.1. – Lighting equipment – 90% high efficacy light coverage
- 18.R404.1.1 – Lighting equipment – Gas pilot control

Your plans shall have in detail:

- * Flashing detail for foundation, exterior doors and decks
- * Deck attachments to structure with horizontal & vertical bracing
- * Plumbing layout and plumbing schematic for vent and drains

Foundation plans: Show the dimension and details of all foundation work including piers and reinforcing steel. Rebar needs to be at least 2” inches from form board, secure and on chairs or other approved support.

Floor plans: Show all room, doors, windows, cabinets, plumbing, electrical & heating appliances and fixtures – location of smoke and CO detectors.

Elevation: Clearly delineate the exterior of the project to include doors, windows, roof and wall covering, pad elevation and overall height.

Sections: Detail sections shall indicate structural components, connectors, species and grade of framing members. Indicate stair dimensions, tread and riser dimensions, and handrail with guardrail information.

All door and window sizes noted either on elevation plan or door & window schedule reference to plan. Indicate sleeping room and basement egress and any escape window in bedroom.

Any wall-bracing methods must be noted on plans, with areas of braced walls shown on elevation and interior bracing wall length shown on floor plans. Please indicate these walls so they are obvious and noted with darker shading. Connections, detail with nailing schedule must be shown on plans. Detail showing continuous load path and uplift resistance must be shown (i.e. wall sheathing lapped over rim joist or metal strap connection of walls to floor system, Etc.)