

TOWNSHIP OF STONE MILLS
BUILDING PLANS CHECKLIST

PART 9 – Housing

Permit No.: _____

Reviewer: _____

Owner: _____

Date: _____

Proposed Address: _____

Notation Mark "R" indicates Required

Roll Number: 1029 - _____

FOOTINGS & FOUNDATIONS

- Depth & soil conditions (undisturbed or rock) (9.12.2 & Table 9.12.2.2)
- Size of footing (9.15.3.4 & Table 9.15.3.4)
- Column footing size (Table 9.15.3.4) and location
- Foundation wall type (Block – Poured – ICF – PWF) including size
- Steel lintels for masonry (Table 9.20.5.2.(A))
- Dampproofing – Waterproofing (9.13.2 & 9.13.3)
- Drainage tile and cover (9.14.3)
- Foundation wall drainage (9.14.2)
- Backfill height & Lateral support (9.15.4.2)
- Slabs-on-ground – granular below (9.16.2.1) dampproofing (9.13.2) compressive strength (9.16.4.5) thickness (9.16.4.3)
- Engineered design for slab (9.12.2.2.(7))

STRUCTURE & FRAMING

- Identify rooms & use (i.e. bedroom, utilities, storage, kitchen, etc.)
- Columns – Posts: type, size and spacing (9.17)
- Steel beam size and span (Table 9.23.4.3 & Tables A-24 and A-25)
- Built-up wood beam size and span (9.23.8.3 & Tables A-8 thru A-11)
- Lintels – Headers: over openings (9.23.12.3 & Tables A-12 thru A-16)
- Steel lintels for masonry veneer (Table 9.20.5.2.(B))
- Steel beams for masonry veneer (Table 9.20.5.2.(C))
- Engineered lintels under girder trusses – Stud posts (9.23.10.7)
- Floor joists: size, span, spacing and bearing (9.23.9 & Tables A-1 & A-2)
- Engineer designed floor joists require stamped drawings from manufacturer (4.3.1.1)**
- Cantilevered joists (9.23.9.9)
- Wood studs – size, spacing and height (9.23.10 & Table 9.23.10.1) wall plates (9.23.11)
- Wall sheathing (9.23.16 & Table 9.23.16.2.A or B)
- Stairs, ramps, handrails and guards (9.8)
- Attic hatch in place and correct size (9.19.2.1) *minimum size – 500 mm (19 3/4") x 700 mm (28")
- Crawl space access (9.18.2.1)
- Rafters – Roof joists: size, spacing and span (9.23.13 & Tables A-4 thru A-7) Ridge Beam (9.23.13 & Table A-12)
- Roofing and Truss design – **Requires Truss design sheets from manufacturer (4.3.1.1)**
- Roof sheathing (9.23.15 & Tables 9.23.15.7.A or B)
- Roof covering (Shingles – Steel – Other)

HEAT TRANSFER & AIR LEAKAGE

- SB-12 prescriptive SB-12 performance
- Energy Star Standard EnerGuide80
- Basement insulation to minimum 600 mm (23 5/8") below grade (SB-12 or other)
- Exterior walls (SB-12 or other)
- Roof – Ceiling Assembly (SB-12 or other)
- Slab on grade (SB-12 or other)
- Exposed Floor (SB-12 or other)

PLUMBING & SANITARY FACILITIES

- Plumbing required facilities (9.31)
- Pressure-balanced or master thermostatic mixing valve(s) as per CAN/CSA B125 (7.6.5.1) *max. outlet temperature 49°C (120°F)
- Roughed-in plumbing in basement
- Future vent (7.5.5.5)
- Sump pit (9.14.5.2 & 7.4.6.3)
- Floor drain (9.31.4.4)
- Grab bars (9.5.2.3)

HEATING & VENTILATION

- Attic and roof space ventilation (9.19)
- Vent in cold room with threshold and weather stripping (9.32.1.3 & 9.6.5.6.(1))
- Crawl space ventilation (9.18.3.1 & 9.18.3.2)
- Heating system (9.33) **requires heat loss calculation and duct layout from HRAI certified designed**
- Heating Recovery OR Ventilation (9.32)

OTHER

- Smoke alarms/detector (9.10.19)
- Carbon monoxide (6.2.12 & 9.33.4)
- Walls between the garage and dwelling unit is constructed to provide an effective barrier to gas and exhaust (9.10.9.16.(3) & (4))
- All doors between garages and dwelling units are tight fitting, weatherstripped and equipped with a self closing device (9.10.13.15)
- Dryer vented to exterior (9.32.1.1.(5) & 6.2.3.8.(7))
- Protection of foamed plastics (9.10.17.10)
- Required finished flooring (9.30.1.1.(1)) water resistance flooring (9.30.1.2.(1))
- Deck & guard construction (SB-7)
- Woodstove or Fireplace (9.21 & 9.22) *requires separate permit
- Crawlspace construction (9.18)

Notes:

Re-Submit Drawings: Yes ___ No ___ Client Acceptance Signature _____