

# Cross Section Plan Requirements

A cross section is a plan which shows structural details if you were to cut the building in half. The plan should be drawn to-scale (suggested scale is  $\frac{1}{4}'' = 1'$ ) on a minimum of 11x17" paper and include the following:

## BASIC INFORMATION AS REQUIRED ON SITE PLAN

### STRUCTURE INFORMATION

- Final grade – the slope and shape of the ground around the building after the project is complete, and the distance between the ground and the floor joists.
- Foundation footing size and depth below grade, foundation wall thickness, and rebar locations.
- Location of beams, blocking, treated sill plates and the vapor barrier.
- Size and spacing of all joists, studs, headers, rafters and trusses.
- Specify the roof, floor and wall sheathing.
- Specify the siding, roofing, interior wall and ceiling finish materials.
- Show all floor, wall and ceiling insulation, expressed in "R" values.

