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 ¼” = 1’) 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.