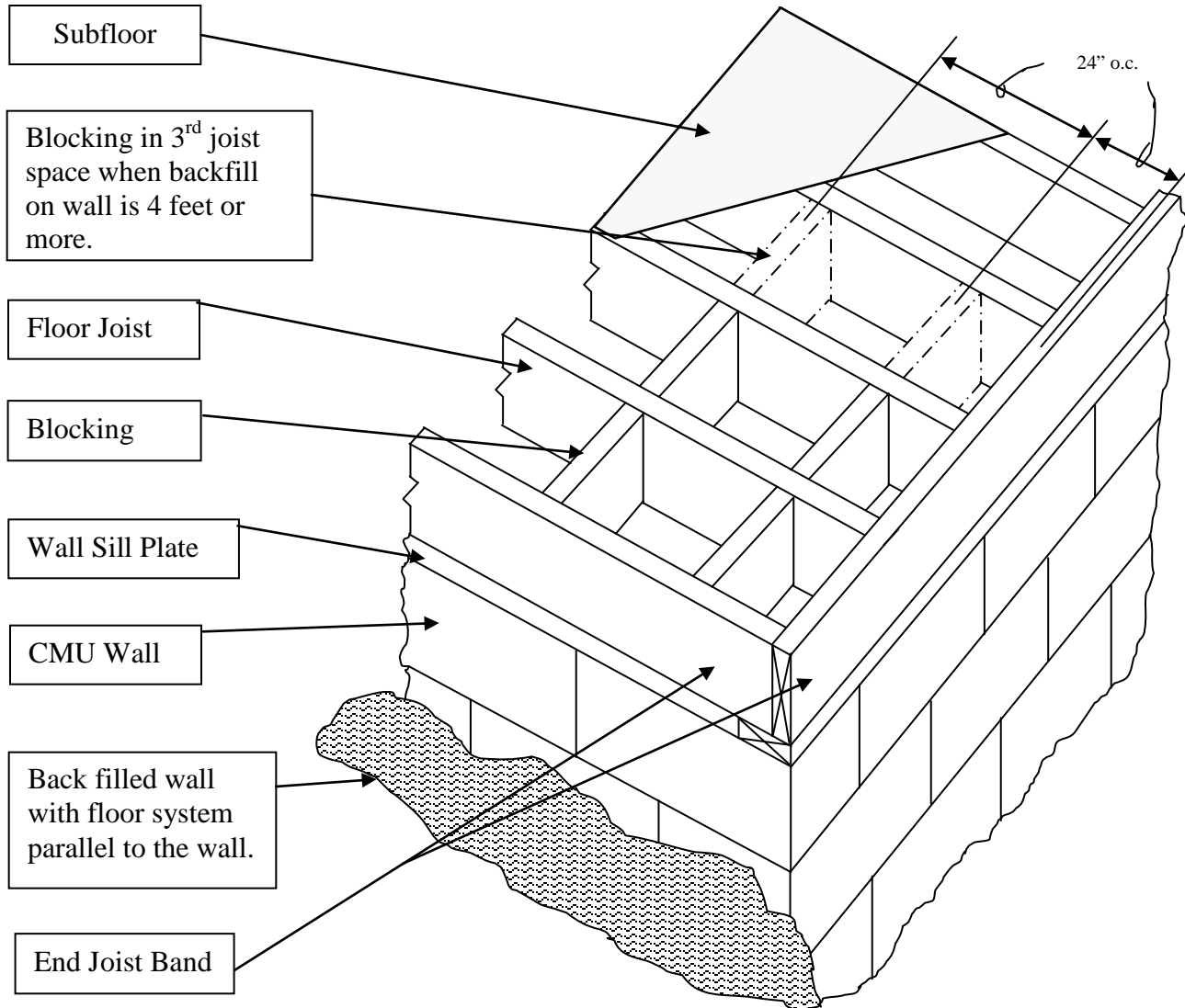


Loudon County Planning & Codes

2012 IRC - Foundation Wall Bracing



FOUNDATION WALL BRACING.

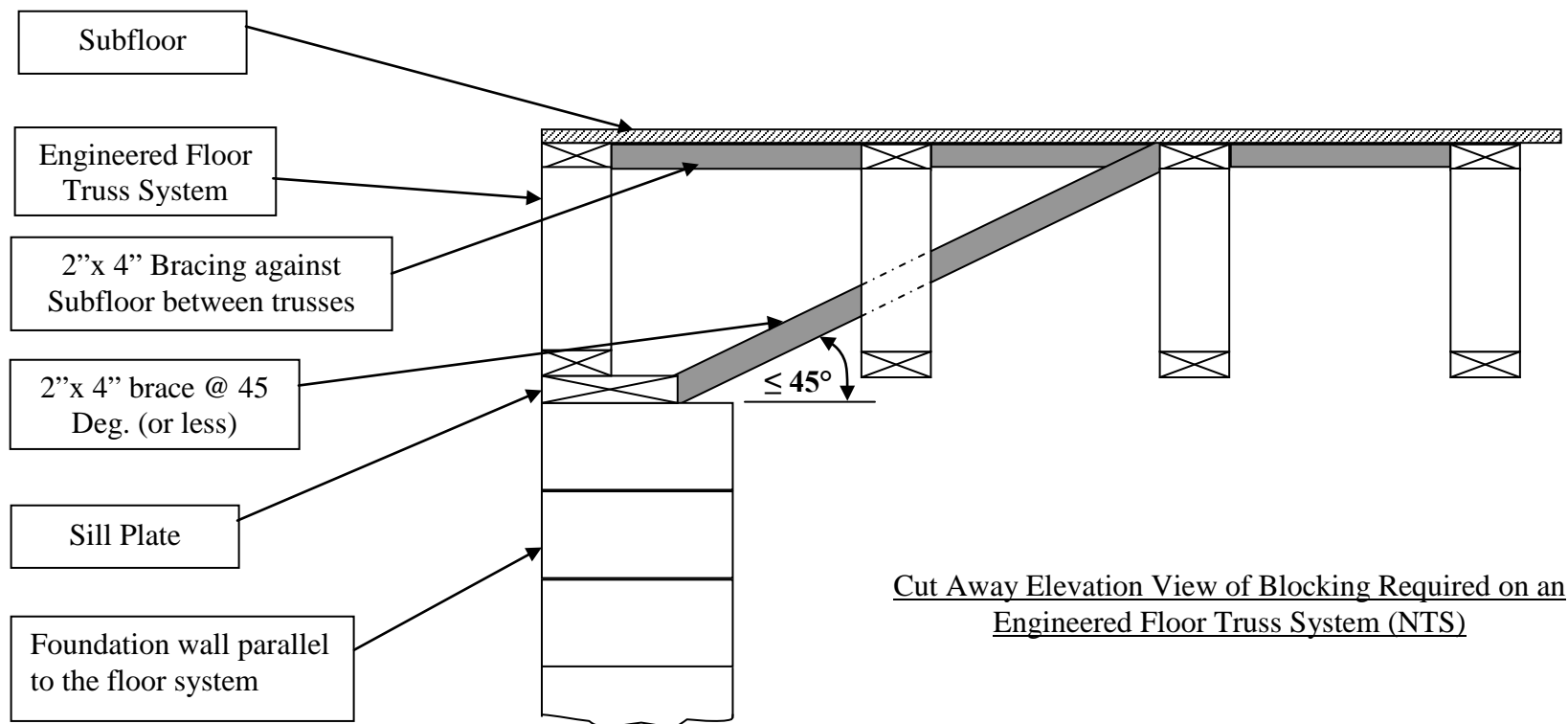
This section of the code has been amended and requires the foundation walls to be braced at the top as follows when the floor structure is parallel to the foundation wall.

1. Walls with 4 feet or more of unbalanced fill, blocking is required 2 feet on center in the first three joist spaces from the foundation wall.

Fasteners shall be installed as listed in the 2006 International Residential Code. Blocking shall be fastened in accordance to the requirements for floor joists. Subfloor shall be nailed or screwed to the blocking @ 4" O.C.

NOTE: "I" JOIST INFORMATION

Floor systems that use wood "I" joists will need to install blocking (per manufacturer's instructions) against the webs of the "I" joists for proper attachment of the foundation wall bracing blocks. Follow instructions listed above for blocking installation and attachment.



INSTRUCTIONS:

1. Install a 2" x 4" brace from the inside edge of the sill plate to the side of the top cord at the second truss at less than or equal to 45° (as shown).
2. Install 2"x 4" flat bracing on the underside of the subfloor anchored at each end to the top cords of the trusses (as shown).
3. Backfill of 4 feet or more requires blocking 2 feet on center in the first three truss spaces from the foundation wall.
4. Fasteners shall be installed as listed in the 2006 International Residential Code. Blocking shall be fastened in accordance to the requirements for floor joists. Subfloor shall be nailed or screwed to the blocking @ 4" O.C.