

## ► 10.0 INSPECTION CHECKLIST

Location Legend    N = North   S = South   E = East   W = West  
 B = Basement    1 = 1st story    2 = 2nd story    3 = 3rd story

| LOCATION |   | LOCATION |  |
|----------|---|----------|--|
|          | <b>SILLS</b>                              |          | <b>JOISTS</b>                                |
|          | • Missing                                 |          | • Missing                                    |
|          | • Rot or insect damage/fire damage        |          | • Rot or insect damage/fire damage           |
|          | • At or below grade level                 |          | • Sag or springy                             |
|          | • Gaps under sills                        |          | • Poor end bearing/joist hanger connections  |
|          | • Crushed                                 |          | • Weak mortise and tenon joints              |
|          | • Anchor bolts missing                    |          | • No blocking, bracing or bridging           |
|          | • Anchor nuts missing                     |          | • Ineffective blocking, bracing or bridging  |
|          | • Anchor washers missing                  |          | • Inappropriate notching or holes            |
|          | • Anchor bolts not secure in foundation   |          | • Split or damaged                           |
|          | • Anchor bolts too short                  |          | • Weak cantilevers                           |
|          | • Anchors not centered in sill            |          | • Weak openings (stairs, chimneys, etc.)     |
|          | • Sill split at anchor bolts              |          | • Concentrated loads                         |
|          | • Anchor nuts not tightened               |          | • Prior repairs                              |
|          |   |          |  |
|          | <b>COLUMNS</b>                            |          | <b>SUBFLOORING</b>                           |
|          | • Missing                                 |          | • Rot or insect damage/fire damage           |
|          | • Settled                                 |          | • Sag or springy                             |
|          | • Crushed                                 |          | • Damaged or cut                             |
|          | • Leaning                                 |          | • Poor end support/cantilevered              |
|          | • Buckling                                |          | • Prior repairs                              |
|          | • Poorly secured at top or bottom         |          | • Concentrated loads                         |
|          | • Mortar deterioration                    |          | • Squeaks                                    |
|          | • Spalling concrete or brick              |          | • Swollen waferboard                         |
|          | • Mechanical damage                       |          | • Cracking ceramic tiles                     |
|          | • Rot or insect damage/fire damage        |          | • Plywood in wrong orientation               |
|          | • Heaved                                  |          | • Poor fastening (nailing, screwing, gluing) |
|          | • Prior repairs                           |          |  |
|          | • Undersized, too slender                 |          |  |
|          | • Missing footing?                        |          |  |
|          |   |          | <b>CONCRETE SLABS</b>                        |
|          | <b>BEAMS</b>                              |          | • Cracked                                    |
|          | • Rust                                    |          | • Settled                                    |
|          | • Rot or insect damage/fire damage        |          | • Heaved                                     |
|          | • Sag                                     |          | • Hollow below slab                          |
|          | • Poor bearing, crushed or loose shims    |          | • Scaling or rusting                         |
|          | • Rotated or twisted beams                |          | • Spalling                                   |
|          | • Notches or holes                        |          | • Rusted rebar                               |
|          | • Poor connections of built-up components |          |  |
|          | • Weak connections to columns             |          |  |
|          | • Weak connections to joists              |          |  |
|          | • Inadequate lateral support              |          |  |
|          | • Concentrated loads                      |          |  |
|          | • Missing beams or sections of beams      |          |  |
|          | • Prior repairs                           |          |  |

Now you're ready for the Final Test!

