



# HELP FOR THE HOMEOWNER

## BUILDING AND SAFETY Required Plans for an Addition to an Existing Single Family Dwelling

### REQUIRED CALCULATIONS:

#### I. STRUCTURAL CALCULATIONS

- Structural calculations are not required when proposed residential building complies with conventional construction requirements. Plans may be prepared by designers, contractors, and homeowners who have construction knowledge and experience.
- When structural calculations are required, they shall be prepared by professional engineers or architects to prove the design of the structure is adequate to resist gravity, occupant, earthquake, and wind forces as required by the Building Code. Both calculations and plans shall be stamped and signed by a responsible engineer and/or architect.

#### 2. ENERGY CALCULATIONS

- Energy calculations are not required for non-habitable buildings (garage, storage, etc...), nor for buildings with no heating and air conditioning systems (workshop, recreation room with no insulation .. etc...).
- Energy calculations are required for habitable buildings (accessory living quarters, recreation room with insulation .. etc.), and they shall be prepared by professional engineers.