Section 11.4.7 or (2) the peak ground acceleration PGA_M, from Eq. 11.8-1.

$$PGA_M = F_{PGA}\, PGA \qquad \text{(Eq. 11.8-1)}$$

where

PGA_M = MCE_G peak ground acceleration adjusted for Site Class effects.
PGA = Mapped MCE_G peak ground acceleration shown in Figs. 22-6 through 22-10.
F_{PGA} = Site coefficient from Table 11.8-1.

3. Assessment of potential consequences of liquefaction and soil strength loss, including, but not limited to, estimation of total and differential settlement, lateral soil movement, lateral soil loads on foundations, reduction in foundation soil=bearing capacity and lateral soil reaction, soil downdrag and reduction in axial and lateral soil reaction for pile foundations, increases in soil lateral pressures on retaining walls, and flotation of buried structures.
4. Discussion of mitigation measures such as, but not limited to, selection of appropriate foundation type and depths, selection of appropriate structural systems to accommodate anticipated displacements and forces, ground stabilization, or any combination of these measures and how they shall be considered in the design of the structure.