

**SGD Inquiry Ballot  
Spring 2022**

Inquiry Number	INQ-650-D140
Date submitted	2/1/2022
Publication Info:	650
Section Referenced:	2020
Subject:	B.4.2.3(a)
Background:	Hoop tension force calculation
Question:	It is experienced for me (in structural models) that there will be much higher hoop tension forces due to load combinations including seismic loads than those which are only from "the vertical pressure due to fluid and soil weight". Should the engineer consider all load combinations to design the ringwall for the highest probable hoop tension force or if it is only necessary to consider gravity loads to calculate the hoop tension force?
Ballot question	Q1) Is it required that the forces described in B.4.2.3(a) be the only forces that produce hoop tension forces in the ringwall described?
Draft reply	Form Letter ??
Need agenda item?	No

For Committee Review Only