



Informal Interpretation Report Number 7491



Date May 12, 2015

Edition 2010

Section 1807.3.2.1

Question:

Is it the intent of Equation 18-1 to determine a final 'd' and not be used in conjunction with other foundation formulas? Specifically, you cannot have PART of the overturning moment be resisted by LATERAL soil pressure via this embedded post formula and then the remaining amount of overturning moment be resisted by VERTICAL soil pressure at the bottom of the footing using a typical shallow footing calculation (resultant within middle third etc.), correct?

Answer

Engineering formulas and calculations allow for a variety of calculation methods depending on the specific site conditions and methods being used. Without a soils report and in depth investigation, it is not likely a specific answer can be given at this time. The engineer of record should be consulted and requested to provide the information. If that is still unsatisfactory to the questioner, a peer review could be used to evaluate the method of calculation used.

Commentary:

None

Notice:

The Building Officials Association of Florida, in cooperation with the Florida Building Commission, the Florida Department of Business & Professional Regulation, ICC, and industry and professional experts offer this interpretation of the Florida Building Code in the interest of consistency in their application statewide. This interpretation is informal, non-binding and subject to acceptance and approval by the local building official.