

Amplified displacement

Does ETABS amplify the displacement and drift levels reported for auto-lateral and response-spectrum load cases by C_d / I , as specified by ASCE 7-05 Section 12.8.6?

Answer: ETABS reports the elastic displacement which is computed under strength-level design earthquake forces. The displacement and drift levels reported for auto-lateral and response-spectrum load cases must be amplified by C_d / I .