

FIGURE A3: Effect of Eq. 30-7 on spectral shape (shown for  $S_1 = 0.6g$ ,  $S_s = 1.5g$ )

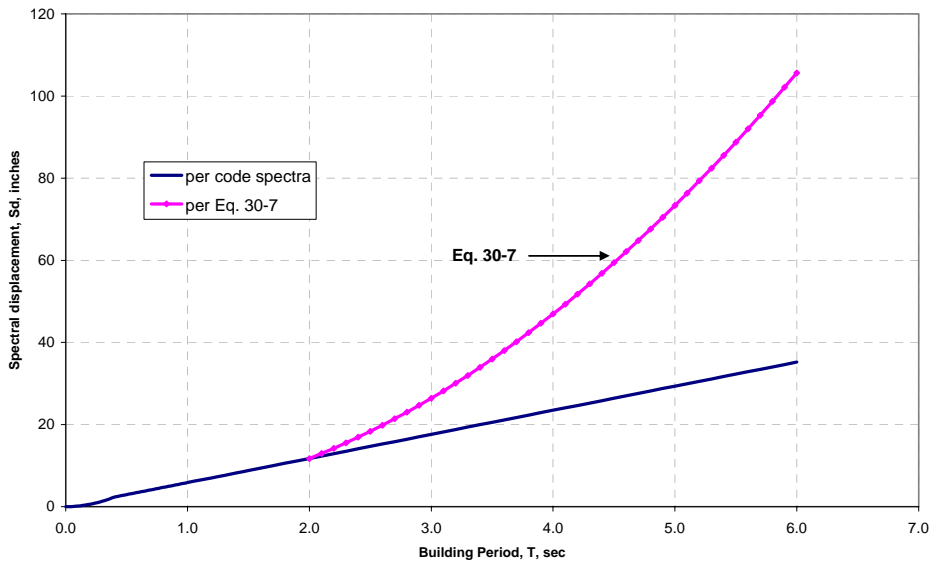


FIGURE A4: Effect of minimum base shear formula Eq. 30-7 on displacement demand (shown for soil type B,  $S_1 = 0.6g$ ,  $S_s = 1.5g$ )

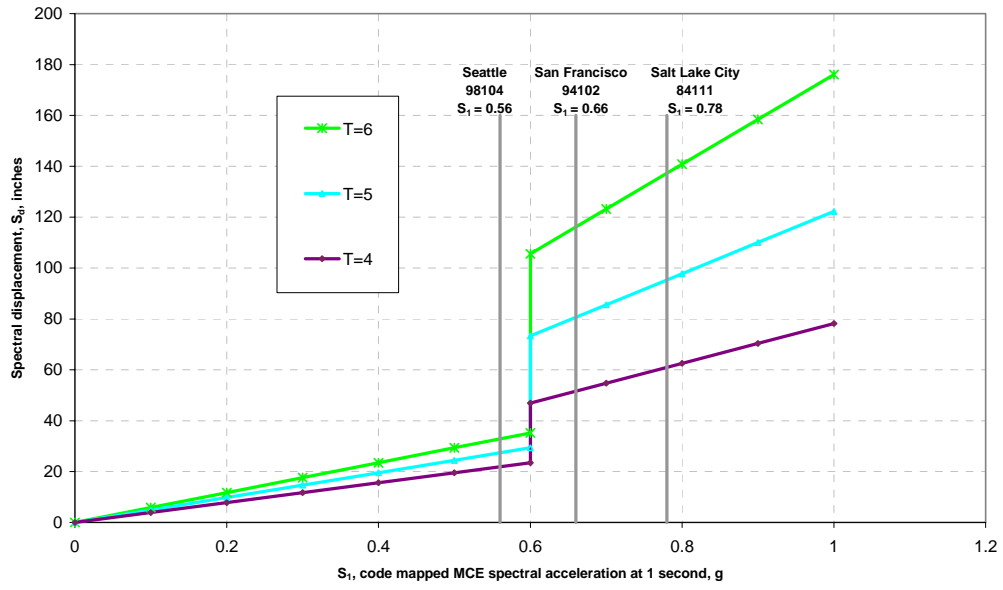


Figure A5: Comparison of displacement demands specified by ASCE 7-05, which control design of drift-governed, long-period structures (soil type B shown)