




 DEAD LOAD = 3 P.S.F.(DECK + LIGHTS) +
 WEIGHT OF STRUCTURAL COMPONENTS
 LIVE LOAD = 20 P.S.F.
 SNOW LOAD = 30 P.S.F.
 WIND LOAD = 90 M.P.H. EXP. C
 BLDG CODE = 2009 INTERNATIONAL BUILDING CODE
 EQUIVALENT LATERAL FORCE PROCEDURE
 LATERAL FORCE RESISTING SYSTEM = CANTILEVERED
 COLUMN SYSTEM—ORDINARY STEEL MOMENT FRAME
 SITE CLASS = D
 SS (0.2) = 0.17
 S1 (1.0) = 0.05
 SDS = 0.181
 SD1 = 0.085
 FA = 1.60
 FV = 2.40
 R = 1.25
 SEISMIC IMPORTANCE FACTOR = 1.0
 OCCUPANCY CATEGORY = II
 SEISMIC DESIGN CATEGORY = B
 CS = 0.145
 WIND IMPORTANCE FACTOR = 1.0
 CONSTRUCTION TYPE = IIB
 OCCUPANCY CATEGORY = M
 TOTAL SEISMIC BASE SHEAR BOTH DIRECTIONS = 3.71 K