Structural Review Submittal Checklist

1. Completed COA Statement of Special Inspections
2. Geotechnical report (Exception: presumptive load-bearing values may be substituted for applicable projects and must be clearly identified in the drawings)
3. Complete set of structural drawings sealed by a Texas Registered Engineer who specializes in the design of building structures
   a. List codes used
   b. Material properties of structural materials used
   c. Deferred submittals clearly listed on documents
4. Design Assumptions
   a. Risk category
   b. Dead loads with partition load assumptions
   c. Floor live loads including live load reductions
   d. Roof live load
   e. Roof snow load, $P_g$
   f. Wind design data
      i. Wind speed, $V_{ult}$
      ii. Exposure category
      iii. Internal pressure coefficient
      iv. Design wind pressures for exterior component and cladding materials
   g. Seismic design data
      i. Seismic importance factor, $I_e$
      ii. Mapped spectral response acceleration parameters, $S_s$ and $S_1$
      iii. Site class
      iv. Design spectral response acceleration parameters, $S_{ps}$ and $S_{p1}$
      v. Seismic design category
      vi. Basic seismic-force resisting system(s)
      vii. Design base shear(s)
      viii. Seismic response coefficient(s), $C_s$
      ix. Response modification coefficient(s), $R$
      x. Analysis procedure used
   h. Geotechnical Information
      i. Design load bearing value of soils
      ii. Design assumptions at below grade walls
   i. Flood design data
   j. Special loads
5. Calculations may be requested for specific areas or connections after the initial structural plan review