



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_{DS} and S_{D1}
 - 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