When is a Professional Engineer required on a project?

**PUBLIC WORKS PROJECT***

*see § 1001.053, 1001.056 & 1001.057

1. Is Electrical or Mechanical Engineering Involved?
   - NO
   - YES: Will Expenses for Completed Project Exceed $20,000?
     - NO
     - YES: Engage Licensed Professional Engineers for Structural, Civil or Applicable Engineering Designs as Well as Supervising the Engineering Construction.
     - NO: Engage Licensed Professional Engineers for Structural, Civil, Electrical and Mechanical (Heating, Ventilating Air Conditioning and Plumbing) or any Other Systems as Appropriate. (The Supervision of the Engineering Construction is Optional)
2. Will Expenses for Completed Project Exceed $8,000?
   - NO
   - YES: Licensed P.E. NOT Required

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**COMMERCIAL & PRIVATE PROJECTS***

*see § 1001.056

1. Is It One Story?
   - YES
   - NO: Is It Over 4 Units?
     - NO: Licensed P.E. NOT Required
     - YES: Engage Licensed Professional Engineers for All Engineering Designs as Well as Supervising the Engineering Construction.
2. Is It Two Stories?
   - YES: Is It Over Two Stories?
     - YES: Licensed P.E. NOT Required
     - NO: Engage Licensed Professional Engineers for the Engineering Designs of Structural, Civil, Electrical and Mechanical (Heating, Ventilating Air Conditioning and Plumbing) or any Other Systems as Appropriate. (The Supervision of the Engineering Construction is Optional)
   - NO: Is It Over Five Buildings Over One Story?
     - YES: Licensed P.E. NOT Required
     - NO: Does It Have a Span >24 Ft?
       - YES: Engage Licensed Professional Engineers for the Engineering Designs of Structural, Civil, Electrical and Mechanical (Heating, Ventilating Air Conditioning and Plumbing) or any Other Systems as Appropriate. (The Supervision of the Engineering Construction is Optional)
       - NO: Engage Licensed Professional Engineers for the Engineering Designs of all Span Support Members, Including the Foundation.

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This flowchart is intended for guidance purposes only and the Texas Engineering Practice Act and Rules govern final interpretation. Local codes and ordinances may be more restrictive as long as not in conflict with the Texas Engineering Practice Act and Rules.

Visit https://pels.texas.gov/lawrules for a copy of the Texas Engineering Practice Act and Board Rules and download this diagram.