

Minimum Building Permit Application Requirements

The following information shall be submitted to the Building Division and will be reviewed by the building and fire plan reviewers for minimum code compliance based on the 2022 CBC and 2022 CFC.

Submittal Requirements

- Site Plan: Show proposed tank location and setback distances to property lines / easements / north arrow / distance from other buildings / guard posts / fencing (if applicable) / accessible path of travel to accessible parking, public way, and other structures located on the parcel.
- A copy of the tank specifications from the tank manufacturer including the following:
 - Dimensions of tank (height, width, length).
 - Weight of the tank.
 - Weight of the gas or liquid to be stored in the tank.
 - Product(s) in tank.
 - Tank Listing and Certification.
- Structural analysis demonstrating that the tank support system is designed in accordance with ASCE 7-16 and 2022 CBC Chapter 16.
 - Design an anchoring system to secure the tank to its foundation to resist overturning and sliding.
 - Design a foundation system to ensure adequate soil bearing capacity to support the tank.
- Construction drawings and details that combine information from the tank manufacturer and structural analysis.
- General information required on the plans:
 - Design criteria per 2022 CBC Section 1603 to include wind data, seismic data, and soil pressure.
 - The stamp and signature of the registered engineer or architect in responsible charge of the design shall be provided on the cover sheet of the calculations and all sheets of the construction drawings.
 - The name, address and phone number of the design engineer shall be provided on all sheets of all construction documents.
 - The address of the project shall be noted on all sheets of all construction documents.
- Foundation plan showing the following:
 - Anchor bolt layout.
 - Size and embedment length of anchor bolts. Provide code compliance report approval number for post-installed anchors, if used. Also, specify if special inspection is required.
 - Concrete strength.
 - Foundation dimensions (length, width, thickness).
 - Foundation reinforcing.
- Completed City Special Inspection & Testing Agreement form, as required.

Fire Code Information Needed on Plans:

- Provide Material Safety Data sheets for each product.
- Refer to 2022 CFC Chapter 50. Additional CFC chapters may apply.
- Secondary containment details/UL Listing Data.
- Provide hazard identification signage details and locations.
- Provide sign marking details and locations.
- Refer to 2022 CFC Chapter 23 for motor fuel-dispensing operations.

Additional Requirements

- A separate permit shall be obtained from the Fire Department prior to installation and use of any tank.
 - Please contact the Fire Department staff at (916) 617-4600.
- Contact the City of West Sacramento Development Engineering Division regarding additional requirements for your project at (916) 617-4645.

Community Development Department | Building Division

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