

Please use this checklist and the supporting detail to assure that your permit submittal includes all the information necessary for a timely review of your plans. All applications for permits must be submitted electronically through the DSC Online Portal (dsconline.cityofhenderson.com). *Please apply through DSC Online as:*

A [Commercial Building Permit Application](#) for the generator and pad

A [Fire Construction Application](#) for the LP Gas System (Piping and Tank)

Prerequisites:

_____ Approved [Variance](#) for setback reduction [if applicable]

[PDF Standards for Electronic Plan Submittals](#)

Submittal Package:

The following documentation must be included when submitting the building permit application for review and all applicable building codes must be included on the plans:

_____ Completed [Building Permit Application](#) for the generator and pad.

_____ Completed [Fire Permit Application](#) for the LP Gas System (piping and tank)

- Southern Nevada Building Officials Regional Standards for:
 - [Liquified Petroleum Gas Piping – Procedures](#) (drawing P-101)
 - [LPG Piping – Underground Beneath Buildings](#) (drawing P-103)

_____ **Complete set of stamped/sealed plans (including a site plan)**

- The plan set must be signed and sealed by the registered design professional.
- Structural plans shall be digitally stamped and signed.
- Mechanical, Plumbing & Electrical drawings completed by a Nevada Licensed Engineer shall be digitally stamped and signed.

_____ **Structural Calculations**

- The structural calculations must be signed and sealed by the registered design professional.
- Structural calculations shall be digitally stamped and signed.

_____ **[Electrical Load Calculations](#)**

- Must be signed by preparer using the City of Henderson form, designer's form, or approved program.

_____ **LP Gas System Piping and Tank Specifications**

- Include manufacturers specification sheets.

Plan Contents

Plans must contain the following minimum content requirements. This list is not intended to be all inclusive of every detail required on a set of commercial or fire plans for a standby generator and pad. Rather, it is provided to give an overview of the basic plan contents needed for the review of plan sets.

Cover Sheet

- Include general project information, such as: sheet index, address, location map, and square footage of the structures.
- Include a complete code analysis of the proposed building and state type of construction.
- Cover sheet must have a legend of symbols and abbreviations used throughout the plan set.

Site Plan

- A dimensioned site plan that is in compliance with the approved entitlements for the project and any conditions of approval
- Show structures on the site and setbacks.
- Include fire lanes, landscaped areas, fences, and mailboxes.
- If applicable, show patios, balconies, and accessory structures.

Foundation plans [if applicable]

- Show dimensions of pad
- Show all foundations and footings, indicating size, locations, thicknesses, materials, strengths, and reinforcing.
- Show all imbedded anchoring such as anchor bolts, hold-downs, and post bases.
- Reference soil report for the proposed structure at that site as required.

Structural calculations

- The calculations must be electronically stamped with digital signature by the registered design professional responsible for the structural design of the building.

Geotechnical Report (also known as a Soils Report) [if applicable]

- Dated within 1 year, or with a Geotechnical Report update letter dated within 1 year provided by the design professional who prepared the report.
- The report must be electronically stamped with a digital signature by the registered design professional who is responsible for the report.

Electrical Plans

- Show the size and location of the main electrical service equipment and all sub-panels.
- Show the location of all outlets, switches, light fixtures (interior, exterior, and site), smoke detectors, and special outlets.
- Identify the locations of all required GFCI and AFCI protected outlets and light fixtures.
- If electrical services are 600 amps or larger, electrical plans must include a One-Line Diagram.
- Provide [Electrical Load Calculations](#)

Propane Tank

- Show tank size and location [if applicable]