



City of Fernley
Building Division
595 Silver Lace Blvd.
Fernley NV. 89408
WWW.CITYOFFERNLEY.ORG
Shawn Keating CBO
Building Official

Building Permits
Building Inspection
Building Plan Review
Disaster Assessment
Code Enforcement

Tel 775-784-9900

Building Department Handout

Industrial Appliance & Equipment

Scope: A building permit is required for Industrial and Commercial Equipment & Appliance per Chapter 100, Section 105, 2012 Uniform Mechanical and Plumbing Codes, and the 2012 International Fire Code (IFC), Section 105. (Appliance in Residential use is exempted from permitting if connected to existing plumbing and electrical connections.)

- **It is extremely important that the owner or contractor reviews the listings or approved manufacturing specification data for any equipment. If NO Listing or Manufacturing Specification can be found, ALL equipment will have to be installed per unlisted requirement and maybe required to have an independent review by a Nevada Design professional.**

An Equipment Improvement Plan submittal must include the following items; incomplete plan submittals will not be accepted:

- One (1) permit application filled out to include valuation.
- Two (2) Copies Listing or Specification sheets.
- Two (2) Floor plan drawing of building area. (Two (2) Site plan drawing for exterior placing.)
- Plans must be prepared on a minimum of 11" x 17" paper size.
- Plans must be photocopies, or original blue or black ink drawings. The use of colored ink, other than blue or black, or the use of colored ink beyond that which is used for licensing seals and/or original signatures on plan sets. Plans with original pencil drawings or notes, will also be rejected.
- Site plans must be fully dimensioned and drawn.
- Provide a title block on each plan sheet with the project address and assessor parcel number (APN). If applicable, include the owner's name and contact information.
- Plans prepared by a Nevada licensed General Contractor must have the business name, business address, bid limit, license classification type, license number and license expiration date printed in a title block labeled "Designer" on the each sheet of the plan set. Below this information, within the "Designer" title block on the Site Plan and Cover Sheet must be an original signature of the qualified employee on the license with the date of signing.
- Plans prepared by a Nevada licensed Registered Design Professional (Architect, Residential Designer, or Engineer) must comply with the applicable Nevada Administrative Code (NAC) for their licensure.
- Two (2) copies original of signed Engineering Calculation.

This is intended to be a guide to the minimum requirements for submittal for a building permit. Since individual site conditions vary, additional requirements may apply. Plans

and specifications must be of sufficient clarity to indicate the location, nature, and extent of the work proposed; and shows in detail that it will conform to the provisions of the technical codes and relevant laws, ordinances, rules, and regulations.

Sheets That Constitute a Complete Plan Set:

Plans and specifications must be of sufficient quality to clearly indicate the location, nature and extent of the work, show in detail that it will conform to the provisions of the codes and all relevant ordinances, laws, and regulations. :

- Floor Plan
 - Floor plan of the building showing locations and dimensions of new units.
 - Usable height for equipment and anchor methods
 - Isometric view of sizes, lengths, for gas, water drains to supporting equipment.
 - Electrical connection locations and loads.
 - Commodity clearance between top of units and ceiling.
 - Aisle dimensions between each unit.
 - Type of fire suppression and fire detection systems.
 - Location of valves controlling the gas and water supply.
 - Dimension and location of transverse and longitudinal vent and flue.
 - Additional information regarding required design features.
- Site Plan (If required)
 - Provide North Arrow
 - Site plan must be drawn to an approved engineering scale (1"=10', 1"=20' & 1"=30'). Indicate on the Site Plan the approved engineering scale used.
 - Provide APN (Assessor Parcel Number) and address of proposed project.
 - Show the complete parcel, with all property lines dimensioned
 - Show all easements
 - Show the location of the structure(s) to be demolished, all existing structures on the property, location of the capping of the water and sewer or abandonment of well and septic.
 - Utilities: Show all utility laterals to the building (water, sewer, power, TV, phone, septic, replacement field).
 - Indicate the street name(s) that border the property

Inspections:

- A high pressure gas line test needs to be completed on any new gas line greater than 6 feet or going through wall. All piping will be inspected with vales removed and ends capped.
- A rough mechanical inspection or a heating inspection of the unit, venting, chimney, new electrical, and combustion air.
- Gas is turn off and a heating inspection is required to turn on service.
- A final inspection is required to close out the permit. A manometer must be recorded and a Carbon Monoxide (CO) alarm is required outside each sleeping area.