

**REFRIGERATION PLANS GUIDELINE**www.LasVegasNevada.gov/BuildingPermits

Phone: (702) 229-6251

GENERAL:

The following information is required on refrigeration plans submitted to the City of Las Vegas Building Department. All plans must be submitted online at Lasvegasnevada.gov/dashboard. Instruction and requirements can be found at:

<https://www.lasvegasnevada.gov/Government/Departments/Building-Safety/Building-Safety-Resources?tab=4>

Note: Plans that have revisions (deltas or clouds) will not be accepted on original submittals.

- I. The refrigeration plans must be drawn to scale on substantial paper whose sheets shall be of uniform size not to exceed 42x30 inches in size. The plans and specifications shall be of sufficient clarity to indicate the location, nature, and extent of work proposed and to show in detail that the work will conform to the provisions of the technical codes and all relevant laws, ordinances, rules, and regulations.
- II. Plans must be drawn by a Nevada Registered Design Professional or Nevada State Licensed Contractor where used for their own work. The design professional is responsible for the design and shall stamp and sign each sheet submitted in accordance with NAC 625. If a licensed contractor draws the plans, the plans shall be so identified and signed. The State of Nevada Contractors Board Owner/Builder exemption is not permitted for commercial projects.
- III. A complete material and equipment schedule, including the equipment make, model, compressor horsepower, equipment weight, refrigerant types, and quantities of refrigerant in each system, etc.
- IV. Provide cut sheets for all equipment.
- V. Mounting details for all roof- mounted equipment.
- VI. Floor plan showing the location of all equipment and piping. Roof plan showing the location of all racks and condensers. Plans for all freezers and coolers. If a rack or racks are used, provide complete plans.
- VII. Plans must show the location of all coils and condensate lines, including freeze protection.
- VIII. Plans must provide calculations showing conformance with 2018 UMC 1104.2 for all applicable rooms and spaces.
- IX. Refrigerated rooms, storage areas and industrial occupancies must conform to 2018 UMC 1104.4 and the 2018 IBC Section 1006.2.2.3.
- X. If a refrigeration machinery room is required, it must conform to all the requirements of the 2018 UMC Chapter 11, and 2018 IBC section 1006.2.2.3.