



COMMERCIAL CARPORT GUIDELINE

<http://www.lasvegasnevada.gov/BuildingPermits>

Phone: (702) 229-6251

Submittal Guideline:

- All plans must be submitted online at Lasvegasnevada.gov/dashboard. Instruction and requirements can be found at: <https://www.lasvegasnevada.gov/BuildingResources>
- All plans must be coordinated between design disciplines. Property lines must agree between Civil and Architectural site plan. Plans stamped "Preliminary" and/or "Not for Construction" are unacceptable. Plans shall be complete and shall consist of architectural, structural, electrical and supportive data.
- A Nevada State Registered Architect or Engineer must draw plans. The architect and/or engineer is responsible for the design and shall date, stamp, and sign each sheet submitted. A Nevada State Licensed Contractor may also draw plans.
- Information on plans and specifications shall be drawn to scale fully dimensioned and 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.
- All Plans must show existing and proposed areas of work. Plans that have revisions (deltas or clouds) will not be accepted on original submittals.
- CODE ANALYSIS: (See [Code Analysis Handout](#))

Architectural Plans:

Plot/Site/Grading Plans

- Legal description of plot or lot. Property lines or boundaries with dimensions shall be clearly identified.
- Show location of all proposed and existing buildings, dimensions, setbacks, proposed use shall be shown including fences and type of construction. Dimensions between structures and property lines.
- All public or private easements and right-of-ways to be identified and shown. Width and location of utility easements to be shown.
- Plan for traffic ingress, egress, and parking lot layout. (Show typical space, driveway widths and locations, handicapped parking and accessible route of travel to building.)
- Landscaping plan showing size, type, and location of plant material.

Structural Plans and Documents:

Structural calculations, specifications, soils report, and other documents as required. Each set of documents shall be stamped, digitally signed and dated by the licensed engineer who has responsible charge of these documents. General structural notes, material specifications, loading and structural design criteria are to be included with the plans.

- Calculations to include vertical and lateral analysis. Plans to detail load path elements. List structural material specifications. Identify all required Special Inspection Items.
- Plans shall be compatible with engineering calculations and shall be signed in accordance with NAC 625 by the engineer or record. Special Inspections are not required unless the Engineer of Record specifies this in his calculations. If there is welding in the field a CWI (Certified Welding Inspection) report will be required and given to the inspector before the final 140 is signed off.
- Size and depth of all footings. Stem wall and slab. Reinforcing steel – sizing and spacing.
- Soils reports. Grading reports and pad certifications before pouring of concrete.

Electrical Plan:

- Electrical bonding and grounding methods/details for carports intended to support photovoltaic systems as required by the 2017 National Electrical Code NFPA 70