

Residential Plan Requirements:

Based on the 2015 International Residential Code; 2014 NEC; 2012 International Energy Conservation Code
(To be completed by applicant and submitted with application)

Submittal Documents

- All construction documents can be uploaded or transmitted as PDFs.
- Sealed copies of Truss Calculations, or deferred note on drawings. Lateral calculations if required.
- One copy of the Sierra Vista Sub-Watershed document signed and dated. (if applicable).
- One copy of the Cochise County Lighting worksheet if not shown on plans.

Foundation Plan

- Show plan view of complete dimensioned foundation layout.
- Provide details of footing type, size and reinforcements.
- Sealed calculations and plans for engineered slabs. (Post tension, raft, etc.)
- Location and type of anchors and hold-downs.
- Compaction report for 12" or more backfilled (requirement noted and provided at time of inspection).
- Show UFER ground.

Roof/Framing Plan

- Plan view of structural components: beams, trusses, headers, and structural connection details.
- Size, spacing, species, and grade of materials.
- All details referenced on Roof or Framing Plan.
- Roof slopes, drainage, scuppers, and skylights.

Plumbing Plan

- Show schematic of DWV and water line size and length.
- Show gas line schematic, (including length, size and BTU demand).
- Provide DWV, water Fixture Unit tables.

Engineered Metal Buildings:

Submittal Requirements

- Plans with an Engineer's Stamped Seal.
- Foundation/footing plans with an Engineer's Stamped Seal.
- Mechanical, Electrical, Plumbing, and Gas plans if applicable.

Note: *The above list identifies most of the standard information needed on the required submittal but may not be all-inclusive. Applicant may be required to provide additional project information, specifications or plans at the discretion of the Development Services Department and Plans Examiner.*

Floor Plan

- Show complete dimensions, window and door sizes, and label all room uses.
- Show braced wall panel locations (sheathing locations and hold downs).
- Indicate separation between garage and dwelling. (5/8 Type X drywall per amendment)
- Show all cabinets and fixture locations.
- Show all safety glazing at hazardous locations.

Exterior Elevations/Building Sections

- Show all sides of the structure, windowsill heights, exterior finishes, and chimney heights, top of wall and roof heights.
- Show cross section of structure with room labels, interior finishes callouts, ceiling and drop heights.
- Cross reference framing and foundation sections.
- Roof Ventilation calculations. (Identify type and location).

Mechanical Plan

- Provide Manual J analysis to size HVAC units.
- Indicate heating and cooling units, type, and location.
- Show fuel burning appliances combustion air.
- Show supply & return duct sizes and routes.
- Show diffuser (register) locations.
- Show exhaust fan locations.

Electrical Plan

- Plan view showing panel location, receptacles, lights, circuits, ground fault interrupters, arc fault interrupters. And smoke alarms.
- Panel schedule showing circuits.
- Service entrance diagram. (Riser diagram).
- Load calculations and service size.
- Show compliance with the Cochise County Light Pollution Ordinance. (May be completed by worksheet)

Applicants signature

Permit Tech.