



Northwest Fire District

5225 West Massingale Road
Tucson, AZ 85743
520-887-1010



Plan Review Guide for Site Plans

Site plans submitted for review and approval shall contain the following information. A copy of this guide shall be attached to submitted drawings. **A review will not be conducted without the guide being submitted with the drawings.** A contractor licensed by the State to do such work and who holds a current valid permit from the Fire District to work within the Northwest Fire District shall perform all work.

Project Name: _____ Building Permit #: _____ Date: _____
Project Address: _____
Contractor: _____ Contact Name: _____
Contact Phone #: _____ Contact Email: _____

1. Specifications required by this guide may be located within the [Fire Code Construction and Development Handbook](#) (FCCDH). All other specifications may be obtained from the 2012 edition of the International Fire Code (IFC) which is available for free viewing on the [ICC website](#). All Northwest Fire District Amendments to the 2012 IFC are available [here](#).
2. The sole purpose of this site plan is to identify fire and emergency services features. The submitted plan shall contain only these features on a separate sheet identified as ESP1 in the drawing set.
3. Provide the following information on the Site Plans:
 - The intended use of the building, including secondary uses.
 - Required fire lanes, emergency access roadways, and emergency vehicle turnarounds and fire apparatus minimum turning radius (WB-40) are delineated, and dimensions are marked and identified on the drawing in accordance with [FCCDH Chapter 2](#). Fire department access shall not be less than 20' CLEAR WIDTH, and 13'6" VERTICAL CLEARANCE.
 - Fire lane sign locations and the sign detail are shown on the drawing in accordance with [FCCDH Chapter 2](#).
 - The location(s) of all gate(s) on site. All electric gates shall be installed in accordance with [FCCDH Chapter 6](#). All Non-electric gates shall be installed in accordance with [FCCDH Chapter 7](#). Personnel gates used as part of egress components shall be in accordance with the International Building Code and [FCCDH Chapter 7](#).
 - The location of all existing and proposed fire hydrants. Fire hydrants are to be installed in accordance with [Appendix C](#) of the 2012 IFC.
 - A basic outline of the building including building height, building overhangs, roof access location, fire rated walls, and details of all entrances and exits to the structures.
 - The location of the fire sprinkler Fire Department Connection (FDC) and the distance to the closest hydrant. The FDC must be within 200' of a fire hydrant.
 - The location of the Fire Alarm Control Panel.
 - The location of the Knox box. The requirements for the Knox system may be obtained in [Chapter 4 of the FCCDH](#).
 - The location and size of the fire service mains, valves, and fire riser supply line.
 - The location of the Fire Riser Room. Per NWFD requirements all new Fire Sprinkler Riser Rooms must be located in a dedicated room with a door opening directly to the exterior. The size of the fire riser room shall be appropriate to accommodate the fire riser with working room.
 - The location of the main electrical gear and shut off for the structure or structures.
 - The location of any natural gas service equipment and shut off.
 - The location of any Special Hazard fire protection system, to include Clean Agent systems, Kitchen Fire Protection Systems, and Spray Operation systems.
 - This plan must be submitted in a scale appropriate to fit entire project on one plan sheet, and large enough for details to be legible.
 - I hereby certify that I am responsible for the design of the construction described under the plans within. All design criteria delineated within the Northwest Fire District's ["General Notes to the Contractor"](#) have been complied with.