

Bernalillo County FD: FIRE DEPARTMENT HYDRANT AND ACCESS PERMIT REVIEW CHECKLIST

Project Information			
Project Name	Address and / or Legal Description	BCBP #	FDCP#

Fire 1 Plan Requirement	Reference	Pass	Fail
Plans shall have all information on one sheet, 2 copies shall be provided. 1 copy on digital media in PDF format, second copy on paper medium of minimum size 18"x24". The plans will be submitted prior to building plan submittal. A copy of the approved set is required to be submitted with the building plan set.	IFC 2015 105.4		
Fire Flow Requirements: The construction type and total square footage shall be indicated under the code Criteria. Construction type: Square Footage: Fire Flow:	IFC 2015 Appendix B		
Number of Hydrants Required and Spacing: The Fire Marshal's office will provide these numbers for you or you can reference the numbers off of Table C102.1	IFC 2015 Appendix C		
Existing Fire hydrants: Existing fire hydrants may be considered for a new project if their use does not restrict fire department access, or restrict traffic to busy or arterial streets.	IFC 2015 105.4.2		
Existing or proposed fire hydrants: All fire hydrants shall be shown on the plan shall be labeled as existing or proposed.	IFC 2015 105.4.2		
Parking: Vehicles or other obstructions shall not be located within 15ft of a fire hydrant or within 5ft of a FD connection or control valve. The fire lane shall consist of a 15ft linier line from each 2.5in hydrant connection and 5ft linier line from each side of the FD connections.	IFC 2015 507.5.4		
Apparatus Access around buildings: Fire apparatus access roads shall extend to within 150ft of all portions of the first floor of the facility and all portions of the exterior walls.	IFC 2015 503.1.1		
Buildings Exceeding Three Stories or 30ft in height shall have at least two means of fire apparatus access for each structure.	IFC 2015 D104.1		
Buildings exceeding 62,000 SQFT: Buildings exceeding 62,000 gross square feet in area shall be provided with two separate and approved fire apparatus access roads.	IFC 2015 D104.2		
Multiple Family Residential Projects with more than 100 units: shall be equipped throughout with two separate and approved fire apparatus access roads.	IFC 2015 D106.1		
One or two family dwelling residential developments: where the number of dwelling units exceed 30 shall be provided with separate and approved fire apparatus access roads and shall meet the requirements of Section D104.3	IFC 2015 D107.1		
Remoteness: where two access roads are required, they shall be placed a distance apart equal to not less than one half of the length of the maximum overall diagonal dimension of the property or are to be served measured in a straight line between accesses.	IFC 2015 D104.3		
Aerial Apparatus Road Width and Proximity: Buildings, which exceed 30ft in height, require unobstructed aerial apparatus access roads not less than 26ft in width exclusive of shoulders. Access is required on two sides of the structure and overhead obstructions are prohibited. At least one of the required access routes shall be located within a minimum 15ft and a maximum of 30ft from the building and shall be positioned parallel to one entire side of the building.	IFC 2015 D105.2, D105.3		
Fire Apparatus Road Dimensions: Fire apparatus roads shall have unobstructed width not less than 20ft and unobstructed height not less than 13ft 6in, and shall support the imposed load of fire apparatus weighing at least 75,000 pounds. They shall have an unobstructed width not less than 26ft wide when fire department access road exceeds 300ft.	IFC 2015 503.2.1 D102.1		
Access road width with a Hydrant: Where a fire hydrant is located on a fire apparatus access road, the minimum road width shall be 26ft exclusive of shoulders.	IFC 2015 D103.1		
Fire Lanes: Fire apparatus access roads 20ft to 26ft shall have a fire lane marked on both sides of the road. Roads 26ft to 32ft wide shall be marked fire lane on one side. Refer to IFC 2015 503.3 for fire lane marking requirements.	IFC 2015 D103.6.1 D103.6.2		