



# MOBILE FIRE - RESCUE DEPARTMENT FIRE CODE ADMINISTRATION

## Site Plan Checklist

### Access:

1. \_\_\_\_ Professional Drawings are provided.
2. \_\_\_\_ The required fire department access roads are a minimum unobstructed 20 ft. in width and 13 ft. 6 in. clear height, IFC 503.2.1.
3. \_\_\_\_ "No Parking Fire Lane" signs are provided at Fire prescribed locations, IFC 503.3.
4. \_\_\_\_ Fire department access roads are designed to support an apparatus with a gross axle weight of 75,000 lb, engineering specifications are provided, IFC Appendix D102.1.
5. \_\_\_\_ Fire apparatus access roads are all-weather asphalt or concrete driving surface, IFC Appendix 102.1.
6. \_\_\_\_ The proposed building does have an emergency vehicle access road within 150 ft. of any exterior portion of the structure, if not, a fire department access road must be provided, IFC 503.1.1.
7. \_\_\_\_ Fire apparatus access road design for a maximum grade conforms to specifications established by the fire code official, IFC 503.2.7.
8. \_\_\_\_ Dead-end fire department access roads (s) in excess of 150 ft. are provided with a turn-around, IFC 503.2.5.
9. \_\_\_\_ Fire department access roads shall be constructed and maintained for all construction sites, IFC 1410.1.

### **Water Flow and Hydrants:**

10. \_\_\_\_ A fire flow test and report is provided to verify that the fire flow requirement is available. Also, refer to the note at the bottom of the page.
11. \_\_\_\_ Water mains and pipe sizes are detailed on the site plan, IFC 507.1.
12. \_\_\_\_ All water mains and hydrants shall be installed and operate as soon as combustible materials arrive on a construction site, IFC 1412.1.
13. \_\_\_\_ The nearest hydrant(s) to the project structure and/or property road frontage are shown on the plan.
14. \_\_\_\_ Prior to the installation of private water main systems, plans shall be submitted for a permit, review and approval.
15. \_\_\_\_ A hydrant is required within 400 ft. of any exterior portion of a non-sprinkled building or 600 ft. for an R-3 occupancy or sprinkled building, IFC 507.5.1.
16. \_\_\_\_ Fire Department Connections (FDC) shall be located on the underground piping system side of the sprinkler or standpipe systems NFPA 13 8.17.2.4.2, IFC 912.1.

**Note:** When a hydrant water flow report is required, the test should be performed by MAWSS or a company approved by MAWSS. The report shall provide the water pressures measured and provide the available GPM at 20 PSI residual pressure.