

# TOP FIRE MARSHAL COMMENTS FOR BUILDING PLAN REVIEW

## Shell Plans: Plan Class 05-10

Virginia Construction Code (VCC) 2015

Virginia Statewide Fire Prevention Code (SFPC) 2015

Topic	Information	Code Sections & NFPA Referenced Standards
Approved Site Plan Required	Provide copy of approved site plan, site plan number, or waiver number. If site plan needs to be reviewed, submit plans to the Fire Marshal's office at 12099 Government Center Parkway, Fairfax VA 22035, 3 <sup>rd</sup> floor – Engineering Plans Review. Site plan must be approved prior to building plan approval. Site and building plan use group and type of construction must match.	VCC 109.2
Additional Exit Lights Required	All occupants must have access to minimum required exits. Exit lights shall be located at exit doors and along exit access. Signs shall be placed so that they are visible within 100 feet from any point along exit access. Where exit lights are required in a space/area that is “open to above” or open to “sky,” exit light may be pole mounted.	VCC 1013
Exterior Emergency Lights	Provide emergency white light(s) on exterior side of exit door to illuminate exit.	VCC 1008
Door Hardware/Locks Details	Provide details of door hardware or special locking (wiring, location, and detail).	VCC 1010.9 VCC 1010.1.4.2
Fire Service Line	Provide detail and schematic of incoming fire service line with FDC tie-in. Include UL approved backflow preventer on fire service line and check valve on FDC. Show location(s) of FSL and FDC on floor plan. Coordinate with location(s) on approved site plan.	VCC 903.3.5 VCC 109.2 VCC 109.3.
Fire Hose Valve (FHV) Required	Fire Hose Valve (FHV) shall be on the intermediate side of stair landing so it is visible from top landing. Also provide FHV in exit passageway. See exception 905.4(3). Hose valve required at the roof or highest landing of stair landing of stair with access to the roof.	VCC 905.4(1) VCC 905.4(3) VCC 905.4(5)
Outside Water Flow Device	Provide device for water flow alarm exterior of the building.	VCC 903.4.2
Fire Alarm Riser	On fire alarm riser, show Digital Alarm Communicator Transmitter (DACT) for central station monitoring.	NFPA 72-13, 3.3.69
Generator Tank Information	Indicate type of fuel, fuel capacity, and UL design number for generator tank.	SFPC chapter 50 and 57, NFPA 110-13 NFPA 30-12
Standpipe location and Floor Access	Access: The exit enclosure containing the standpipe shall have access to the floor without passing through the fire service access elevator lobby.	VCC 3007.9.1
Fire Pump Room Access	Fire pump rooms not directly accessible from the outside shall be accessible through an enclosed	NFPA 20-13, 4.12.2.1.1

	passageway from an enclosed stairway or exterior exit. 4.12.2.1.2: The enclosed passageway shall have a fire-resistance rating not less than the fire-resistance rating of the fire pump room.	
Fire Pump	In situations where zones require pressures that exceed the pumping capabilities of the fire department apparatus, a fully <u>independent</u> and automatic backup fire pump shall be provided. All services connected to and from the backup fire pump shall be independent.	NFPA 20-13, 5.6.2 NFPA 14-13, 7.9.3
Fire Service Elevator Exception	Where a fire service elevator has two entrances onto a floor, the second entrance shall be permitted to open into an elevator lobby in accordance with Section (ICC) 3006.3.	VCC 3007.6

Additional Resources:

<https://www.fairfaxcounty.gov/fire-ems/fire-marshall/code-references-and-publications>