



CHANDLER FIRE, HEALTH & MEDICAL DEPARTMENT



GENERAL NOTES TO THE CONTRACTOR

Construction

Fire Department vehicle access roadways shall be provided and maintained throughout construction. Temporary access roads shall be a minimum 20' clear width with 6" compacted AB, gravel or other approved materials. No trenching across Fire Access roads.

Permanent fire vehicle access roadways shall be 20' clear width, all weather surface. **If hydrants are placed in access road width shall be 26' clear width, all weather surface.**

Approved fire flow and water supply shall be provided and maintained throughout construction. **Prior to any combustibles being brought on site, all hydrants shall be approved and functional.**

Plans, Building & Systems

One set of stamped, approved drawings shall be maintained on-site and made available to City Inspectors on demand.

Any work (Installation, Inspection, Testing or Maintaining) conducted on Fire Protection Systems shall be done by a contractor licensed to perform such work by the State of Arizona, and who also is currently on the Chandler Fire, Health & Medical Department List.

All construction, modifications or installation shall comply with nationally recognized Codes and Standards, and the City Codes.

Fire sprinkler system installed in accordance with Fire Code, NFPA 13, and City of Chandler Codes.

Fire Alarm Systems shall be installed in accordance with Fire Code, NFPA 72 and City of Chandler Codes.

Standpipe & Hose Systems shall be installed in accordance with Fire Code, NFPA 14 and City of Chandler Codes.

Wet Chemical Extinguishing Systems shall be installed in accordance with Fire Code, NFPA 17A and City of Chandler Codes.

Fire Department Connections (FDC's) for Fire Code, Building Code and NFPA 13 fire sprinkler systems shall be 2 and 1/2" female swivels with National Standard Threads (NST). FDCs shall be located at the primary entrances to the site. **NO FDC' shall be located on the buildings** (except as approved by the Fire Marshal). Fire Hydrant and FDC shall be on the same side of the drive entrance to prevent access obstruction.

All Fire Department Hose connections and Standpipe hose connections for Fire Department use shall be 2 and 1/2" National Standard Threads. **No hose shall be attached to the Fire Department Hose Stations.**

Residential (multi-family) - all private shared domestic and residential fire line mains shall have a reduced pressure backflow installed per COC Detail C-315.

FDC's for NFPA 13R sprinkler systems shall be single female swivels with 1 and 1/2" National Standard Threads.

Fire Alarm Rooms & Fire Sprinkler Room shall be signed in accordance with FD106 and zone maps for Fire Alarms & Sprinkler Systems shall be placed at each location (ie: panel and riser).

Tenant Improvement Projects

Any modifications to existing fire protection systems shall be submitted for plan review and permits to the Transportation and Development Department. Plans shall be reviewed, approved, permit issued and on site prior to work beginning.

Inspections

HEADS	SPRINKLER SYSTEM TEST REQUIRED
9 or <	A visual inspection only is required
10 - 19	50 psi above normal static pressure for 15 minutes
20 or >	50 psi above normal static pressure for 2 hours
All new systems	Per NFPA 13

The contractor shall provide the City Inspector with copy of: the "Contractor's Material and Test Certificate For Aboveground Piping" in accordance with NFPA 13; and the "Contractors Material & Test Certificate for Underground Piping" in accordance with NFPA 24; and the "Certificate of Compliance" for fire alarm systems in accordance with NFPA 72, upon successful completion of the system test and prior to City acceptance of the system.