

Memorandum



DATE: June 10, 2016

TO: Honorable Members of the Public Safety Committee:
Adam Medrano (Chair), B. Adam McGough (Vice Chair), Sandy Greyson, Tiffinni A. Young,
Jennifer S. Gates, Philip T. Kingston

SUBJECT: **New Construction**

On Monday, June 13, 2016, you will be briefed on New Construction by Section Chief James Adams of the Dallas Fire-Rescue Department.

The briefing materials are attached for your review.

Please contact me if you have any questions or need additional information.



Eric D. Campbell
Assistant City Manager

[Attachment]

cc: Honorable Mayor and Members of the City Council
A.C. Gonzalez, City Manager
Christopher D. Bowers, (I) City Attorney
Craig D. Kinton, City Auditor
Rosa A. Rios, City Secretary
Daniel F. Solis, Administrative Judge
Ryan S. Evans, First Assistant City Manager

Jill A. Jordan, P.E., Assistant City Manager
Mark McDaniel, Assistant City Manager
Joey Zapata, Assistant City Manager
Jeanne Chipperfield, Chief Financial Officer
Sana Syed, Public Information Officer
Elsa Cantu, Assistant to the City Manager – Mayor & Council



Public Safety Committee

New Construction

Dallas Fire Rescue
Inspection and Life Safety Education
Section Chief James Adams



June 13, 2016

Mission:

To promote Public Safety through testing of all life safety systems before it is occupied



New Construction Team I & II

- 2 Lieutenants
- 12 Senior Inspectors
- 1 Pre-Development Liaison
- 1 Senior Office Assistant



What is the role of the New Construction Inspector?

- Inspectors are responsible for testing of all life safety systems from start to finish for all new buildings and renovations of existing buildings within the Dallas city limits
- There are thirty-four (34) different tests
- Many tests are performed before and after normal business hours, (0800-1700) to prevent disruption of retail and corporate activities



This includes:

- High Rise Commercial and Residential



- Educational Facilities

Including public, private, higher education, and charter schools



- Hospital / Healthcare



- Places of Assembly

Restaurants, bars, clubs, churches, and malls



- Low Rise Commercial and Residential



- Special Construction Projects

Klyde Warren Park and Dallas Area Rapid Transit (DART) rail



- Single Family Homes

Over 7500 sq. feet require residential sprinkler systems



- Flammable and Combustible Hazardous Material (HazMat) Locations

Underground, aboveground tank installation and removal



Types of Acceptance Testing



- Fire Alarm Acceptance Testing

Smoke alarms, heat detectors, pull stations, tamper switches, water flow, duct detectors, and audio/visual devices



- Sprinkler System Acceptance Testing

Hydrostatic pressure, wet systems, dry systems, wet/dry standpipe systems, pre-action systems, deluge systems, foam systems and underground fire lines



- Generator Tests

Backup power for Life Safety Systems to include fire alarm, fire pump, emergency lighting and elevators



- Elevator Recall

Automatically recalls elevators to ground level during fire alarm and gives firefighters full use of elevators



- Access Control

Electronic egress devices or “magnetic locks” are frequently chosen for added security to workplace



- Commercial Cooking Extinguishing Systems

Required over any appliances that produce grease laden vapors



- Paint Booth

Extinguishing systems are required in all spray paint booths



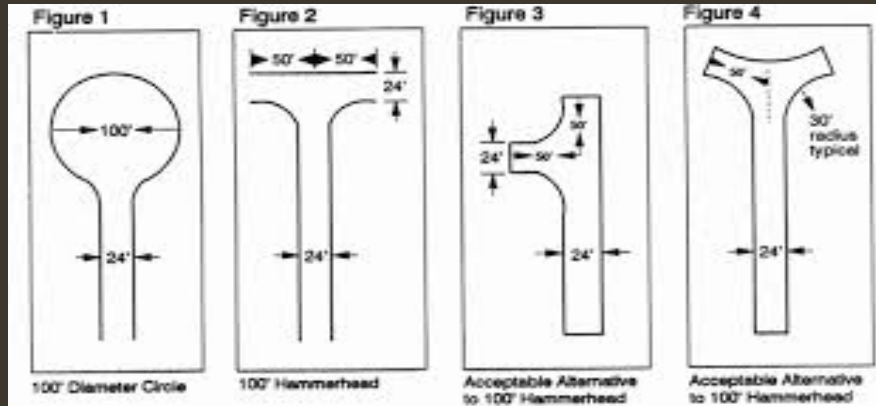
- Alternative Extinguishing Systems

Factory Mutual (FM) 200 and Inert Gas Room Systems



- Fire Lane Acceptance Plans

Knox locks, Knox boxes, Key Switches (KS-2) and gate radio receivers



- Fire Pump Testing

Fire pumps are compulsory when the city water pressure does not meet the requirements of the sprinkler system



- High Rise Roof Flow

Test to determine if the adequate water pressure is reached at the roof level



Questions?