



City of Phoenix

FIRE DEPARTMENT
FIRE PREVENTION DIVISION

Explanatory Policy – Notification Appliances in Parking Structures

SUBJECT: Notification Appliance Spacing Requirements in Parking Structures	EFFECTIVE DATE: July 19, 2019
REFERENCES: The Phoenix Fire Code (2018 Edition) NFPA 72 (2016 Edition) The National Fire Alarm and Signaling Code– Chapter 18	REVIEW DATE: July 2024
APPROVED:	
 John Mertens, Fire Marshal	

Scope:
This policy covers the fire alarm notification appliance spacing in parking structures.

Policy:
Parking spaces shall be omitted from the area of coverage when determining notification appliance spacing in parking structures. These spaces are normally unoccupied as occupants will only use the space when entering or exiting a vehicle. The duration of time is very short. The parked automobiles and light trucks could also obscure fire alarm strobes from sight.

The drive aisles shall be treated as corridors regarding notification appliance spacing per Section 18.5.5 (2013 NFPA 72). Notification appliances shall also be required within 10 feet of all elevators and stairways on all floors.

In occupancies where voice systems are required the use of horn strobes in the parking area is permissible, provided the enclosed elevator lobbies, if provided, have speakers provided. The garage driving, and parking areas are not considered an acoustically distinguishable spaces (ADS) for the purpose of intelligibility.