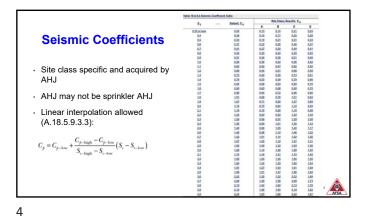


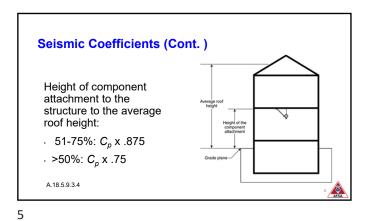
Site Class

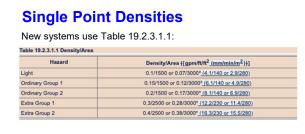
3.3.201 Site Class. A classification assigned to a site based on the types of soils present and their engineering properties as defined in Chapter 20 of ASCE/SEI 7, Minimum Design Loads and Associated Criteria for Buildings and Other Structures. [ASCE/SEI 7:11.2] (AUT-HBS)





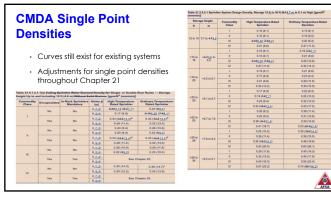






Existing Density/Area Curves remain for use in modifying existing systems
 Existing modifiers or adjustments to area of operation still apply





		_
Topic	2019	2022
Special Designs for Storage Applications	24	26
Special Occupancies	26	27
Plans and Calculations	27	28
Systems Acceptance	28	29
Existing System Modifications	29	30
Marine Systems	30	31
System Inspection Testing and Maintenance	31	32



Un-sprinklered Combustible Concealed Spaces

Addition to the list not requiring minimum area of sprinkler operation of 3,000 ft²:

#12. Exterior soffits, eaves, overhangs, and decorative frame elements complying with 9.2.1.19.



19.2.3.1.5.2

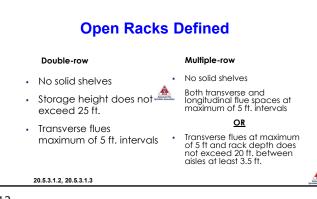
10

 Hardward
 Harace Criteria

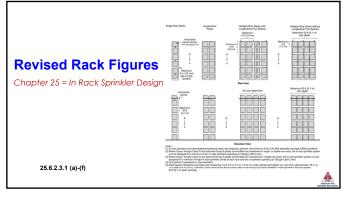
 Harace Criteria
 Second Second













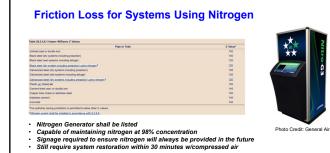


Working Plans List

- Reorganized
- Added information
- Provides comprehensive plans for:
 AHJ
 - Installation Crew

28.1.3

16



17

Parking Garages

- Automobile material have changed
- No longer an example of OH 1
 Moved to OH2
- · Need more data (FPRF)

4.3.3.1

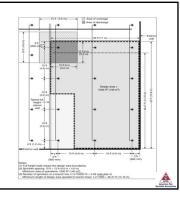


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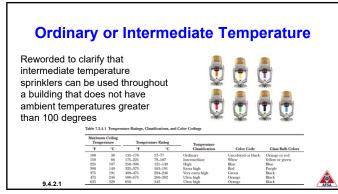
Area of Discharge

- Where defined by full-height wall assembly
- Other side of the wall is not counted towards total design area

28.2.4.2.6







Porte-cocheres

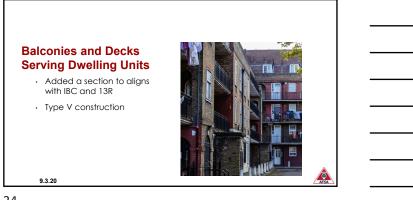
· Sprinklers are required when located directly below floors intended for occupancy



22

9.2.3.2.1



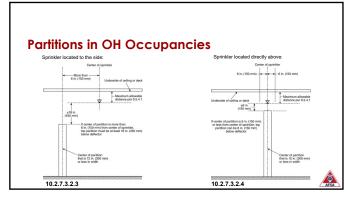




when:

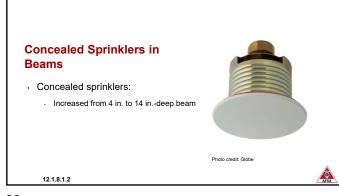
- · Do not extend to the ceiling
- No storage
- · Maximum: 24 ft²

9.3.20



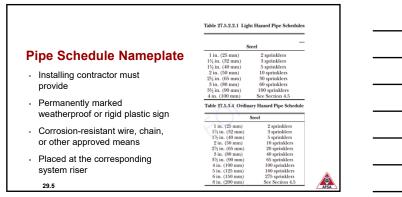






Protection of Piping Subject to Mechanical Damage

- Must provide nail plates when pipe other than steel is run through wood or metal studs:
- · Steel shield plates:
 - Where the face of piping is less than 1.25 in from nearest edge of member
 - Minimum thickness of .0575 in. (No. 16 gauge)
 - Cover the area of the pipe where the member is notched and bored
- 16.4.4





ESFR in Light and Ordinary Hazard

For retrofits

Light and Ordinary Hazard

Utilize Spray Sprinkler Guidance for:

Protection Areas and Maximum Spacing for Light Hazard



14.2.7







14.2.11.2

(Ú) AFSA

32

ESFR Isolated Obstructions

Sprinklers not required for isolated noncontiguous obstruction :

- ≤ 1.5 in. in width located horizontally a minimum of 12 in. below deflector
- ≤ 6 in. in width and located a minimum of 6 in. horizontally from the sprinkler
- ≤24 in. in width and a minimum of 12 in. horizontally from the sprinkler

High-piled storage is not physically separated from an adjacent light or ordinary hazard area:

Criteria applies to sprinkler located 6 ft. horizontally of any high-piled storage

