

All Open Web Wood Joists
Hang CPVC Piping on Bottom Truss

Pendent Sprinkler Heads
Ceiling Assembly

CPVC Pipe Hanger Detail-NTS

Two Point of Restraint - "M"
One Point of Restraint - "N"

CPVC Pipe Hanger Details
- All sprinkler material to comply with NFPA Standards. -

Horizontal Sidewall Detail
Note: All Sidewall Sprinkler to be 12" max from finished ceiling

Recessed Sprinkler Detail

6.4.6.5.5.1 Shadow Areas. Shadow areas shall be permitted in the protection area of a sprinkler as long as the cumulative dry area does not exceed 150 ft² (14 m²) per sprinkler.

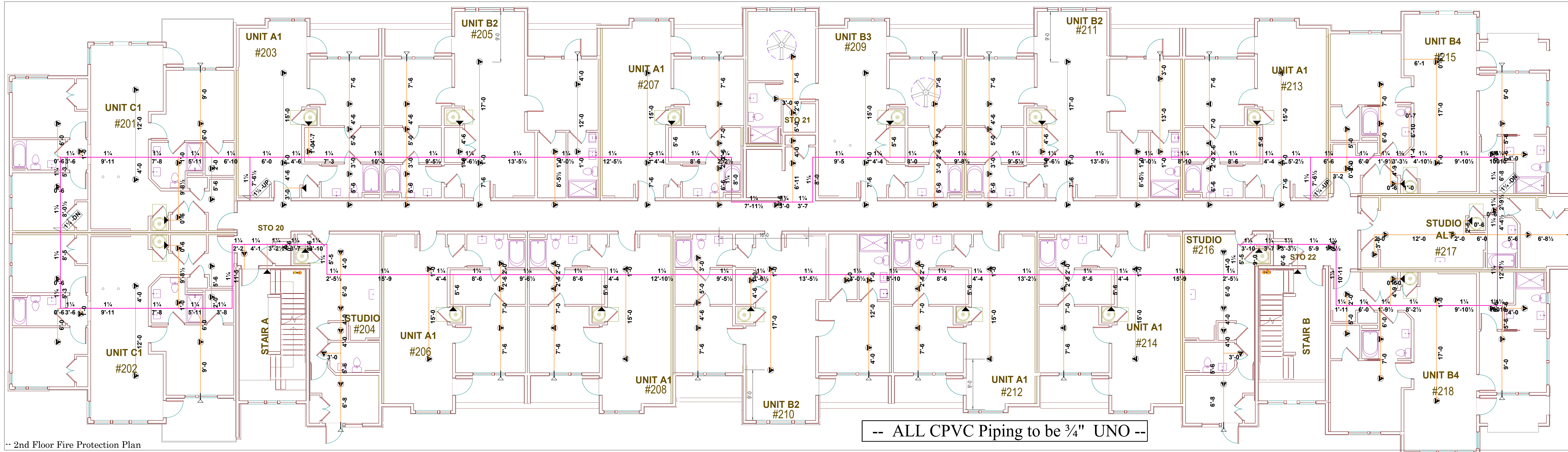
NFPA 13R - Shadow Area Code Section

6.4.6.5.5.2 Combustible Stairs Code Section

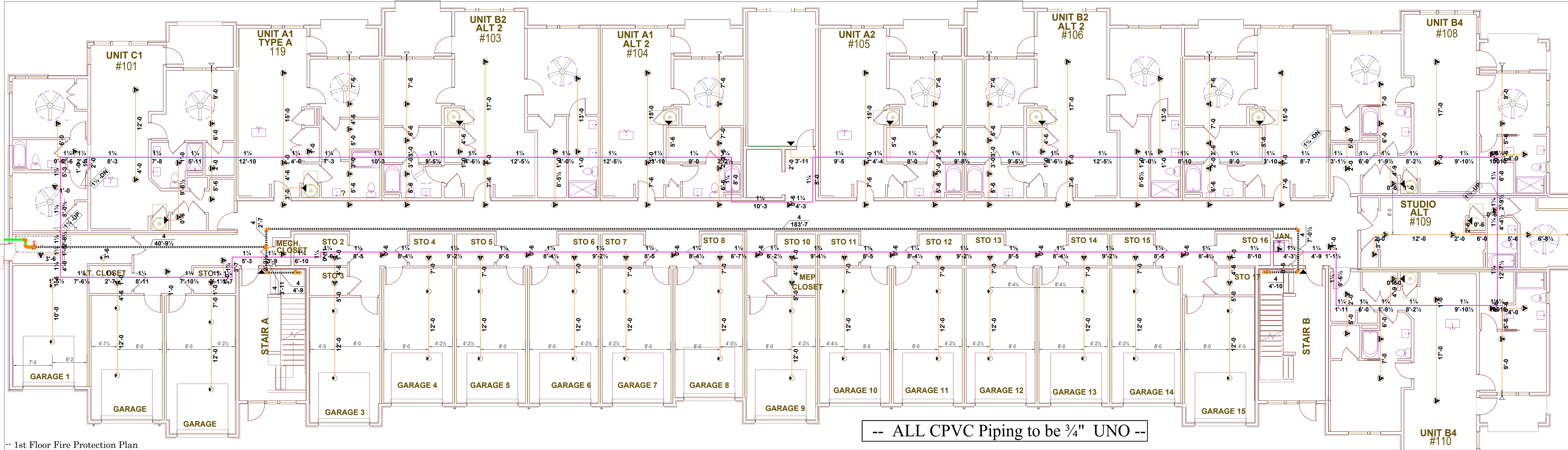
6.4.6.5.5.3 Garage Code Section

6.4.6.5.5.4 Ordinary Hazard Code Section

Site Map



-- ALL CPVC Piping to be 3/4" UNO --



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VICINITY MAP

Site Map

Graphic Scale

-- ALL CPVC Piping to be < Solid >
-- ALL Steel Piping to be < Dashed >
-- All Exposed Piping to be Steel - UNO --

Air Venting shall be provided for each system, per NFPA.

Sprinkler Legend								
Symbol	Make	SIN	Quantity	-K-	Type	Size	Response	Finish
TYCO	TY2335	31	4.4	Horizontal Sidewall	1	Fast	White RAL 9003	155°F
Viking	VK486	34	4	Horizontal Sidewall	1/2	Fast	White Polyester	175°F 18" x 18"
Viking	VK468	266	4.9	Pendent	1/2	Fast	White Polyester	175°F 18" x 18"
TYCO	TY2236	33	4.9	Pendent	1/2	Fast	White RAL 9010	175°F Dry Res P
Total = 364								

GENERAL NOTES

1. This design is based upon the owner's acceptance of NFPA 13R 2016 & NFPA 14 2016

2. All grooved piping to be SCH 40

3. All threaded piping to be SCH 40

4. All residential piping to be CPVC

5. All sprinkler material to comply with all local requirements and applicable NFPA Standards

6. Continuous central monitoring of sprinkler systems per NFPA 72 to be by others

7. All electrical wiring to be by others

8. All painting of sprinkler pipe to be by others

9. All patching and/or painting of penetrated drywall and masonry walls to be by others

10. Building to be provided with adequate heat to prevent piping from freezing

11. All marking or labeling of sprinkler piping to be by others

12. All piping at exterior wall penetrations to be Galv w Galv plate

13. All Control Valves to supervised

Supply Flow Test Data	
Test Conducted By	Lee's Summit H20
Date of Test	1/24/2024
Location	5801 W 115th St
Hydrant Numbers	110010216
Static Pressure	86.000
Residual Pressure	78.000
Flow	2000.00

REVISIONS

DATE DESCRIPTION

130 W 9th Ave
Suite 101
NORTH KANSAS CITY, MO 64116
PHONE (913) 888-0647
FAX (913) 888-0618

REVIEWING AUTHORITY

LS Codes

TOTAL HEADS FOR JOB

795

SCALE

1/8" = 1'-0"

DRAWN BY

JJR

DATE DRAWN

-04-03-2024-

CONTRACT NUMBER

NC-1429

DRAWING NUMBER

FP 2 of 3

Building 1.2.3.4

Fire Protection Plan

< Submittal >

-Residences @ Blackwell -

2840 SE Blue Pkwy

Lee's Summit, MO 64063

Contract with:

- Streamline Construction -

Fire Protection Plan

Alliance Fire Protection