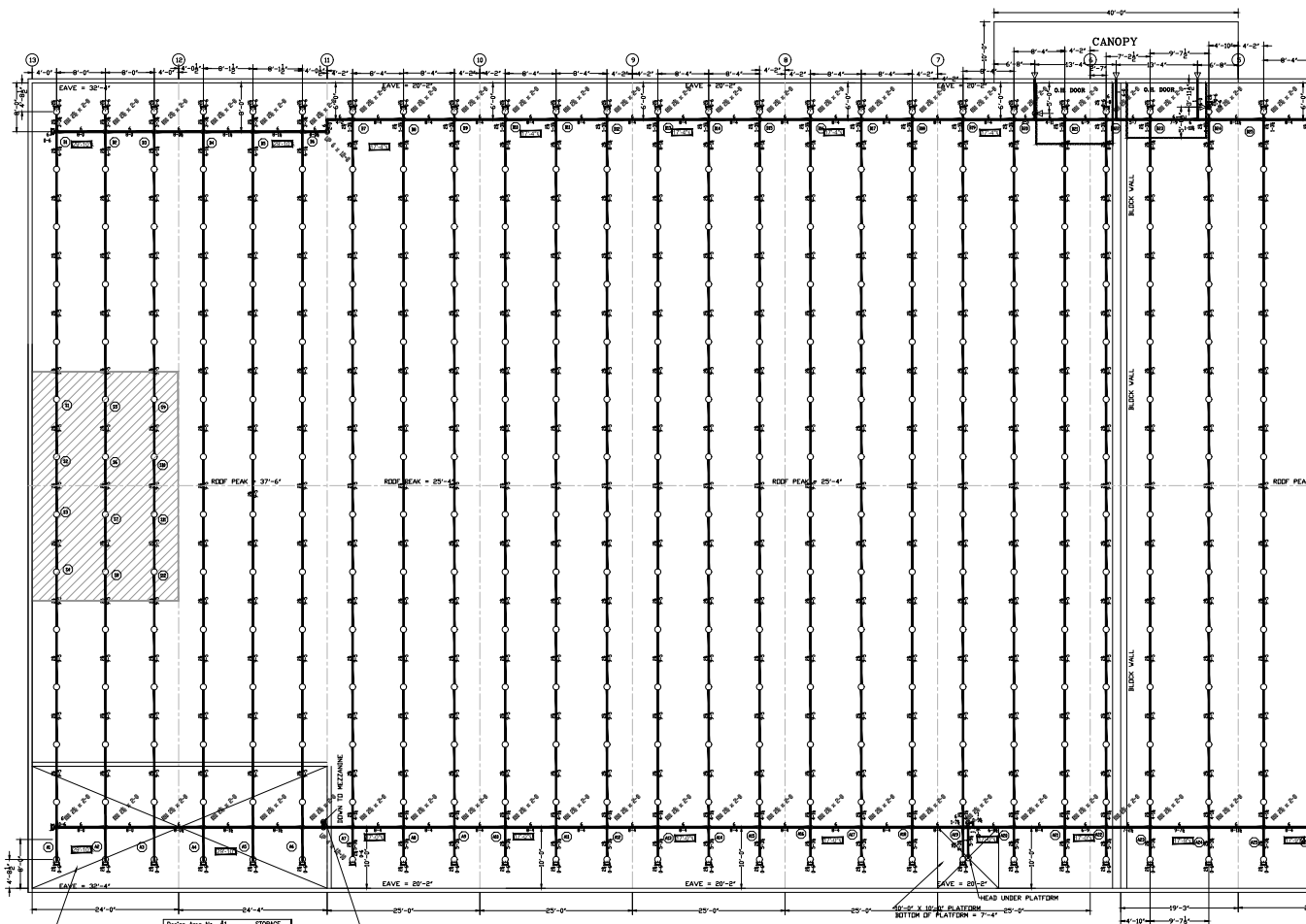
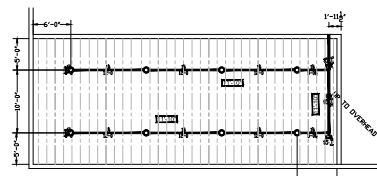




SPRINKLER PLAN

SCALE: 1/8" = 1'-0"



MEZZANINE

SCALE: 1/8" = 1'-0"

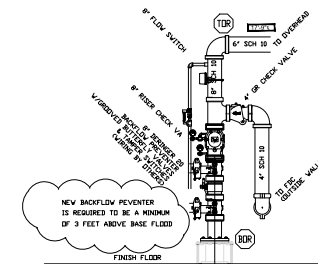
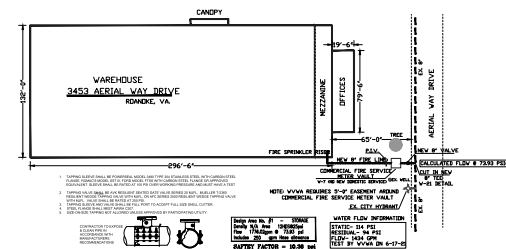
OVERHEAD PROTECTION HAS BEEN DESIGNED FOR CLASS IV RACK STORAGE (RACKS OR SOLID PILE) WITH A MAXIMUM 40'-0" HIGH DESIGN IS PER FM NFPA-13 CLASS IV ENCAPSULATED OR NON-ENCAPULATED NON PLASTIC STORAGE CALCULATING 12 HEADS @ 25 psi. ESFR 25.2K PENDENT SPRINKLERS, HOSE ALLOWANCE OF 250gpm

NOTE:

EXISTING OBSTRUCTIONS SUCH AS LIGHTS MAY NEED TO BE MOVED/ ADJUSTED FOR CLEARANCES NEEDED FOR ESFR SPRINKLERS.

GENERAL NOTES:

1. IT IS THE OWNER'S RESPONSIBILITY TO MAINTAIN HEAT AT A MINIMUM OF 40° F IN ALL AREAS OF NET PIPES AND VALVES
2. ALL MATERIALS USED ON THIS SPRINKLER SYSTEM SHALL BE NEW AND IN COMPLETE COMPLIANCE WITH NFPA-13.
3. ALL MATERIAL USED IN HANGER COMPONENTS SHALL BE NEW AND IN COMPLETE COMPLIANCE WITH NFPA-13.
4. ALL OVERHEAD SPRINKLER WORK TO BE IN ACCORDANCE WITH NFPA-13 (2013 EDITION).
5. [Symbol] DENOTES DISTANCE FROM FINISH FLOOR UP TO CENTERLINE OF SPRINKLER PIPING.



RISER DETAIL
SCALE: NONE

ROANOKE SPRINKLER, INC.
FIRE PROTECTION SYSTEMS
TO START @
INSIDE FLANGE
1 R. A.F.F.



CHECK BY: REGGIE MCGHEE
NICET CERT. NO. 95963

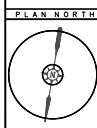
CLIENT: L & M PROPERTIES

ROANOKE SPRINKLER, INC.
FIRE PROTECTION SYSTEMS



1334 7TH STREET N.E.
ROANOKE, VIRGINIA 24012
(540) 981-0009 FAX (540) 981-1010

SPRINKLER PLANS & DETAILS
DATE: 8-18-23
DESIGNER: J.T.G.
SCALE: AS NOTED
PROJECT: AERIAL WAY DRIVE PROJECT
SHEET NO. 1 OF 2



SYSTEM DESIGN CRITERIA	
Type System: ☒ Wet ☐ Dry ☐ Preaction ☐ Other	NFPA Sta: ☒ #13 ☐ #15K ☐ #20 ☐ #24
Occupancy: Storage	
Maximum Head Spacing: 100	
Hazard: Extra	
Authority Having Jurisdiction: Local	
Sprinkler Heads Center Point Of Tiles: Yes ☐ No ☐ N/A ☐	
All Piping 1" and smaller to be Schedule 40 Black w/ Threaded Fittings	
All Piping 1" and Larger to be Schedule 10 Black w/ Grooved ends & Fittings	
Owner Responsibility To Maintain Minimum Temperature of 40° In All Areas to Building to Prevent Freezing of Wet Portions Of Sprinkler Systems	

SYMBOLS	
Symbol	Description
	Hydraulic Reference Point
	8'-0" AFF Ceiling Height
	8'-0" Elev. of Top of Steel Deck
	1'-0" Clearance From Bottom Of Deck
	Indicates Hanger Location
	Flow up or down
	Local Coverage Response
	Standard Response

HANGERS	
	Purlin Hanger ☒
	Steel Hanger ☒
	Wood Hanger ☐
	Concrete Hanger ☐

SPRINKLERS	
Symbol	Manufacturer
	Virtalid 3
	Virtalid 25
	Virtalid 9
	Virtalid 12

COMMENTS	
Revisions:	Date:
Per Roanoke City Letter Dated 09/09/21	09/13/21
Per As-built	12/08/21

COMMENTS	
Revisions:	Date:
Per Roanoke City Letter Dated 09/09/21	09/13/21
Per As-built	12/08/21