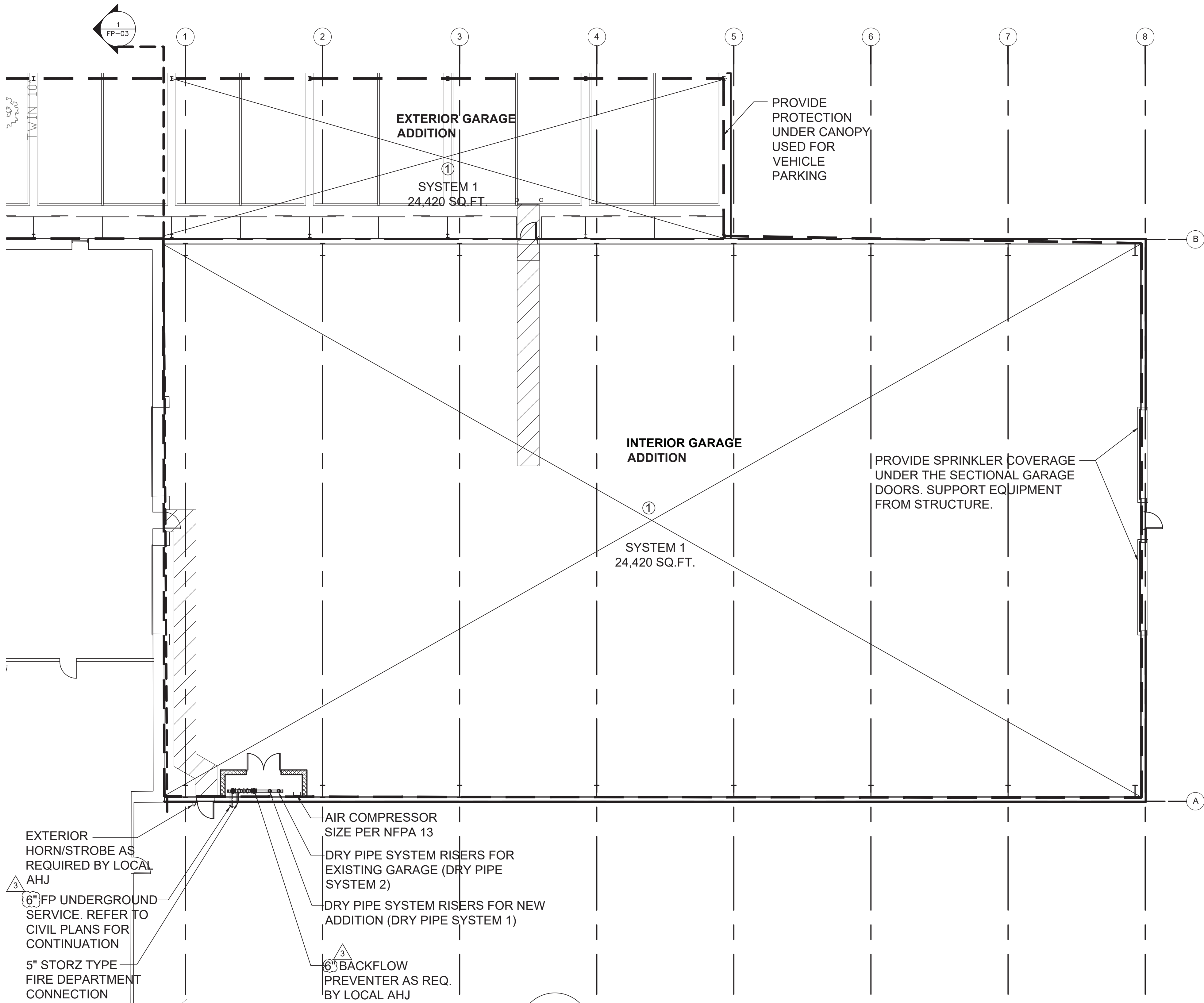
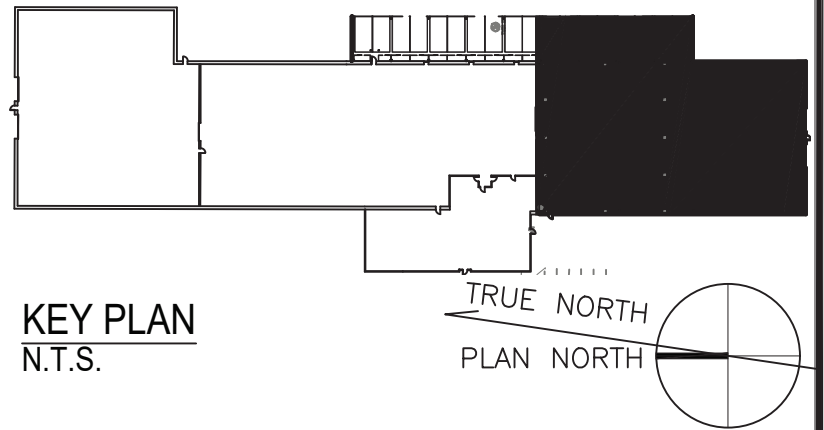


C:\Users\shrestha\OneDrive\Documents\Clarkstown Highway Garage Expansion - Project\CADD\Fire Protection\FP-02.dwg PLOTTED: 8/28/2024 11:17 AM BY: SHRESTHA, JASHUNA



FIRE SPRINKLER DENSITY CRITERIA

- ① PROVIDE A DENSITY OF 0.20 GPM/1950 SQ.FT. BASED ON ORDINARY HAZARD GROUP 2 PER NFPA-13 2016 EDITION. CALCULATIONS AND PIPE SIZE SHALL BE BASED ON THE DENSITY/AREA CRITERIA. SPRINKLER HEADS SHALL BE 200 DEG F, MIN K5.6 BRASS UPRIGHT SPRINKLERS AT THE ROOF LEVEL, MAXIMUM AREA OF COVERAGE 130 SQ.FT. PER HEAD. MINIMUM SPACING BETWEEN HEADS SHALL BE 6 FT. AND MAXIMUM OF 15 FT. A COMBINED HOSE STREAM OF 250 GPM SHALL BE ADDED TO THE SYSTEM CALCULATIONS.



1  
FP-02

FIRE PROTECTION PLAN – NEW ADDITION

SCALE: 3/32" = 1'-0"



SCALE(S) AS INDICATED						Professional Engineer's Name JAMES R. FOX			<div>CLARKSTOWN HIGHWAY GARAGE EXPANSION • CLARKSTOWN, NY</div> <div>FIRE PROTECTION PLAN</div>	ARCADIS Project No. 30171703	FP-02	
						Professional Engineer's No. 081387						
THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING:	USE TO VERIFY FIGURE REPRODUCTION SCALE	3	8/28/24	ADDENDUM NO. 3	JS	JS	State NY	Date Signed 06.24.2024	Project Mgr. MFK	ARCADIS OF NEW YORK, INC. 855 ROUTE 146 SUITE 210 CLIFTON PARK, NY 12065		
		No.	Date	Revisions	By	Ckd						
		THIS DRAWING IS THE PROPERTY OF THE ARCADIS ENTITY IDENTIFIED IN THE TITLE BLOCK AND MAY NOT BE REPRODUCED OR ALTERED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF SAME.						Designed by JS	Drawn by JS			Checked by JP