

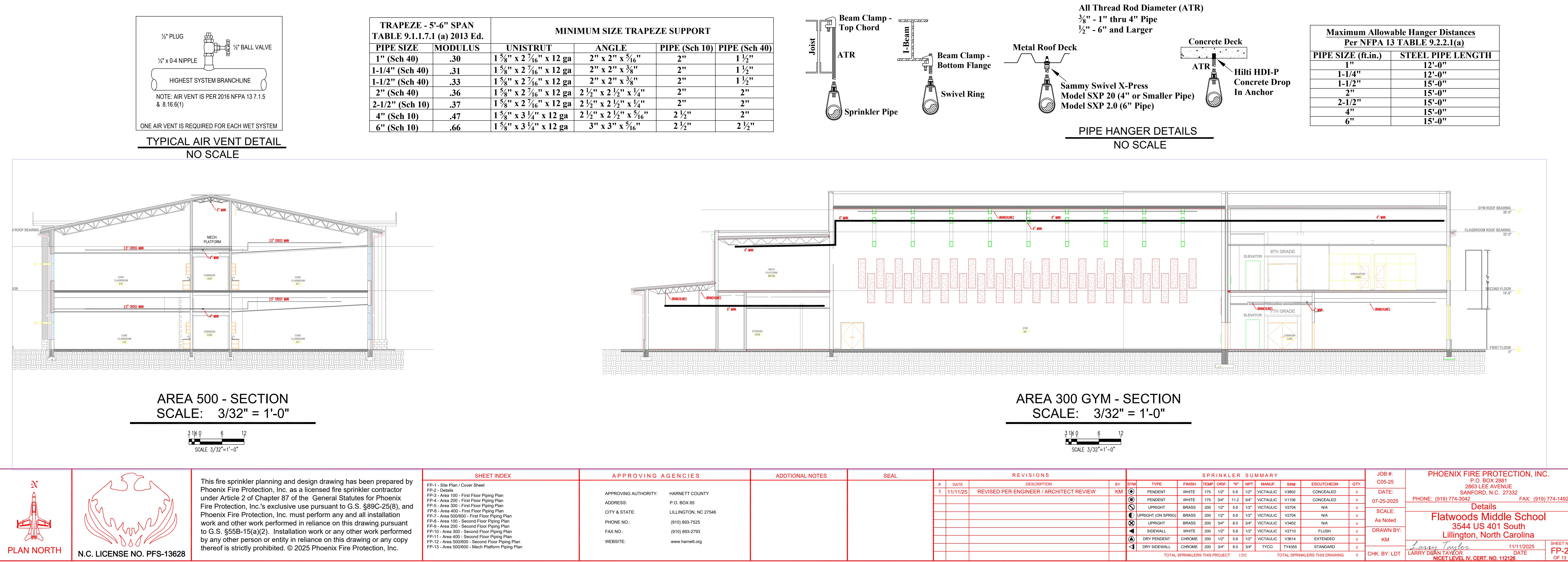
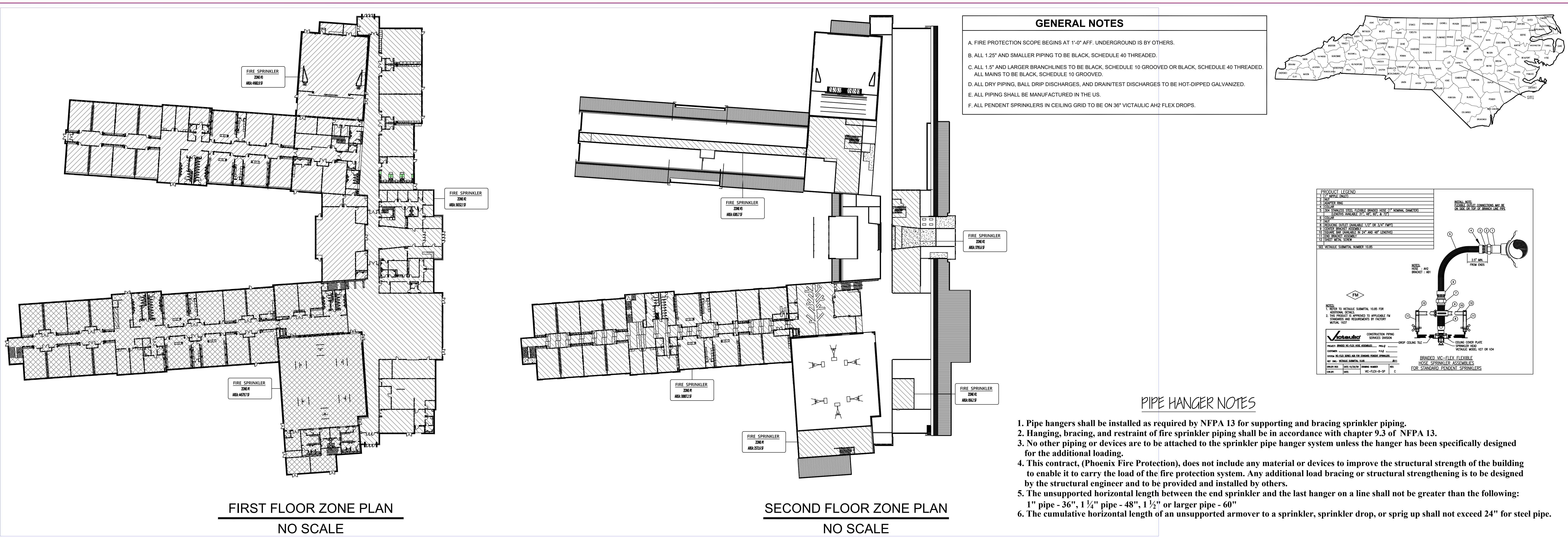
SITE PLAN

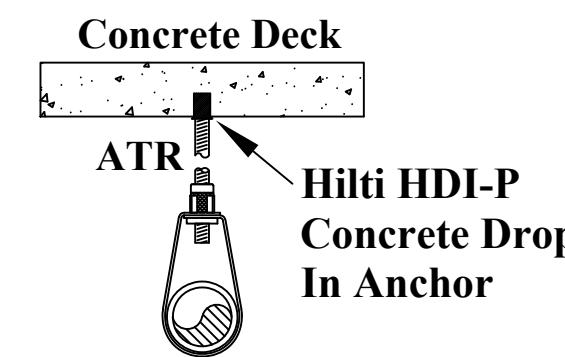
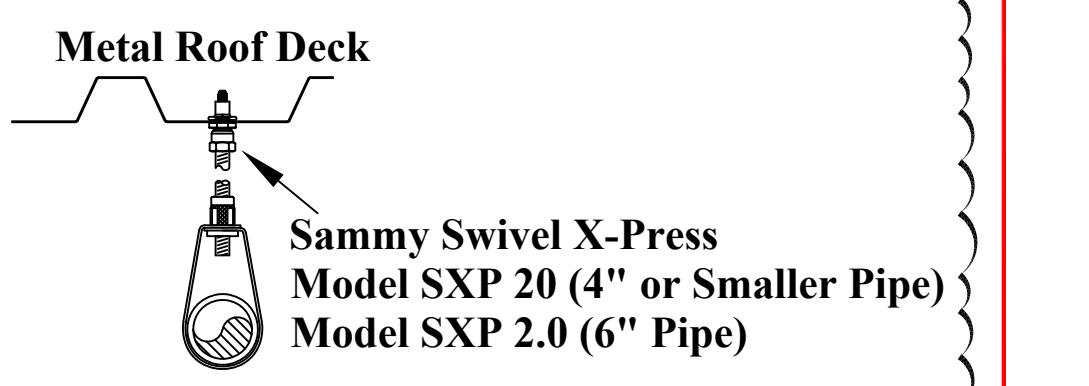
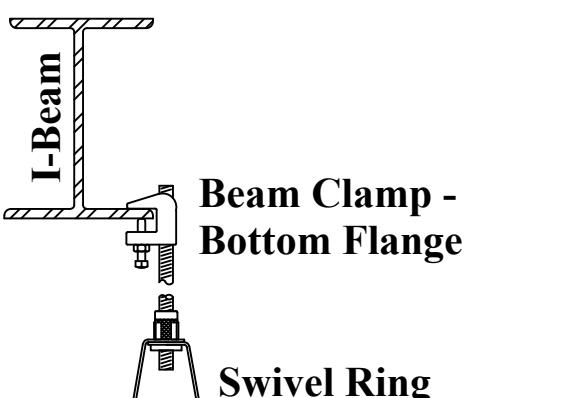
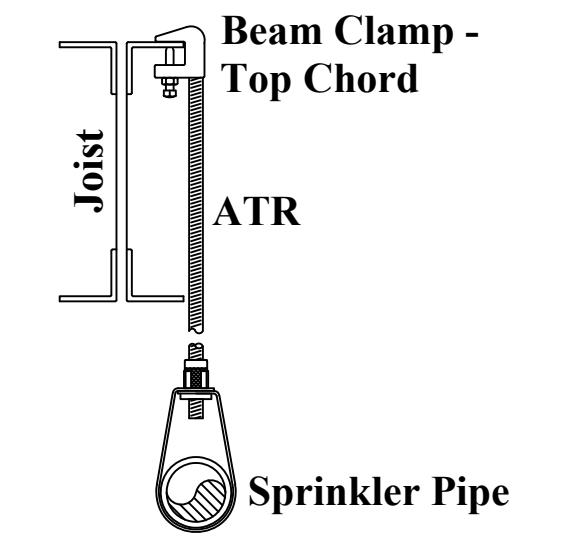
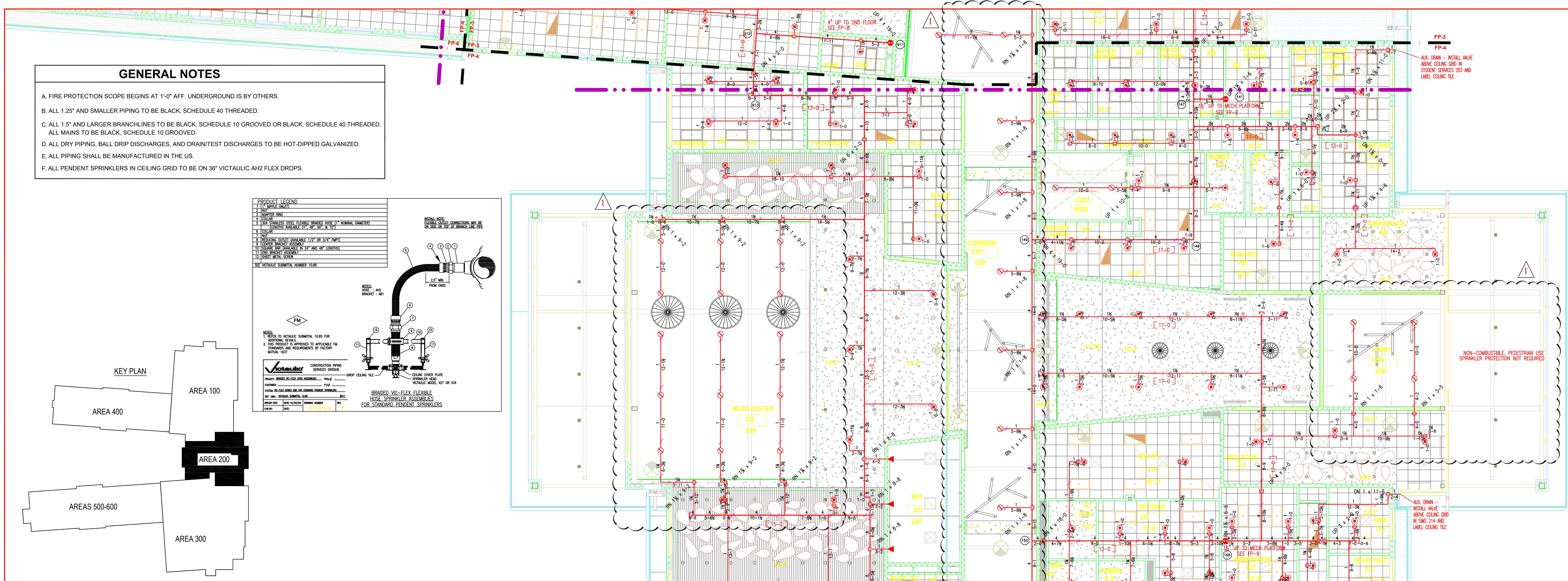
is a life safety system and has been designed and/or hydraulically calculated as shown. These drawings have been submitted to the authority having jurisdiction for approval, code compliance, and/or permitting. Any deviations from design during installation due to conflicts after any coordination, submittal, or approval may require additional material, engineering costs, and re-submittal fees. Phoenix Fire Protection, Inc. is not liable for any additional costs due to changes required or requested by other trades or the General Contractor after approval and/or permitting has been issued. An approved change order will be required before any changes are made that deviate from the originally approved plans.



This fire sprinkler planning and design drawing has been prepared by Phoenix Fire Protection, Inc. as a licensed fire sprinkler contractor under Article 2 of Chapter 87 of the General Statutes for Phoenix Fire Protection, Inc.'s exclusive use pursuant to G.S. §89C-25(8), and Phoenix Fire Protection, Inc. must perform any and all installation work and other work performed in reliance on this drawing pursuant to G.S. §55B-15(a)(2). Installation work or any other work performed by any other person or entity in reliance on this drawing or any copy thereof is strictly prohibited. © 2025 Phoenix Fire Protection, Inc.

RINKLER SUMMARY							JOB #: C05-25	PHOENIX FIRE PROTECTION, INC.		
ORIF.	"K"	NPT	MANUF.	SIN#	ESCUOTCHEON	QTY.		P.O. BOX 2881 2863 LEE AVENUE SANFORD, N.C. 27332		
1/2"	5.6	1/2"	VICTAULIC	V3802	CONCEALED	0	DATE: 07-25-2025	PHONE: (919) 774-3042		
3/4"	11.2	3/4"	VICTAULIC	V1106	CONCEALED	0		FAX: (919) 774-1492		
1/2"	5.6	1/2"	VICTAULIC	V2704	N/A	0	SCALE: As Noted	Site Plan - Cover Sheet		
1/2"	5.6	1/2"	VICTAULIC	V2704	N/A	0		Flatwoods Middle School		
3/4"	8.0	3/4"	VICTAULIC	V3402	N/A	0	DRAWN BY: KM	3544 US 401 South		
1/2"	5.6	1/2"	VICTAULIC	V2710	FLUSH	0		Lillington, North Carolina		
1/2"	5.6	1/2"	VICTAULIC	V3614	EXTENDED	0	<i>Larry Taylor</i> 11/11/2025			
3/4"	8.0	3/4"	TYCO	TY4355	STANDARD	0	LARRY DEAN TAYLOR DATE			



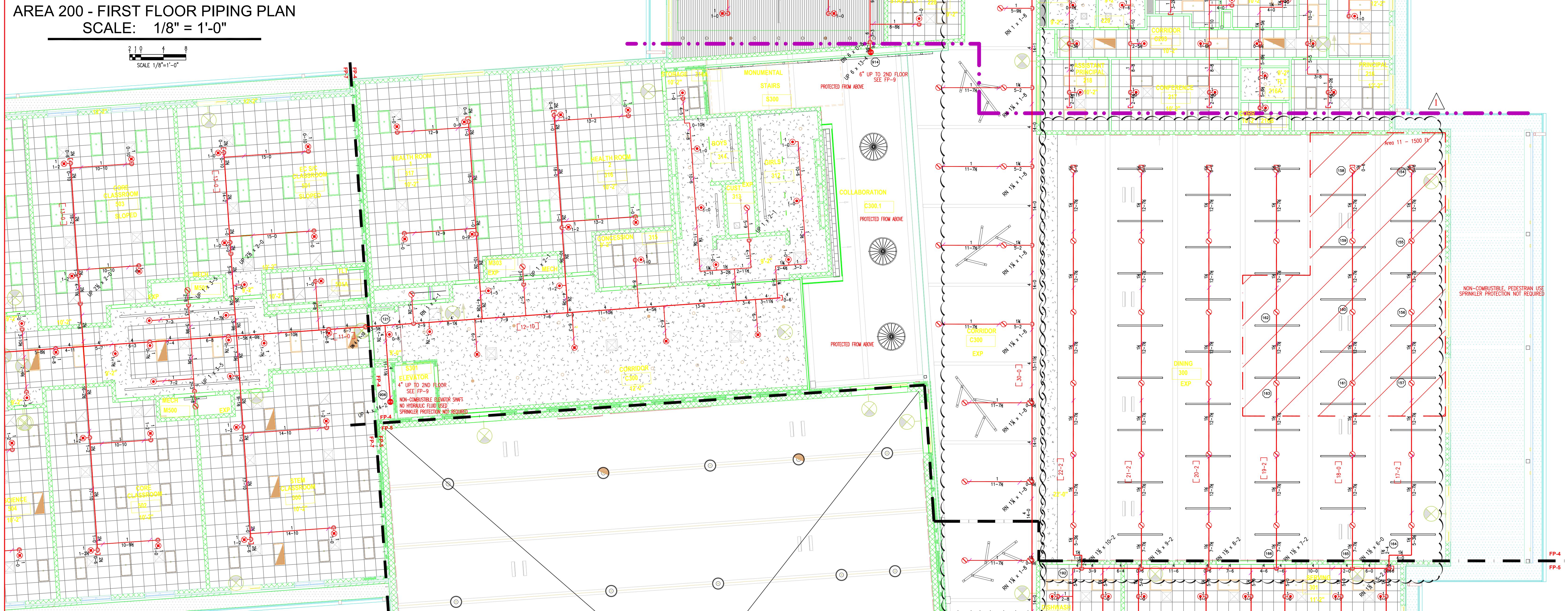
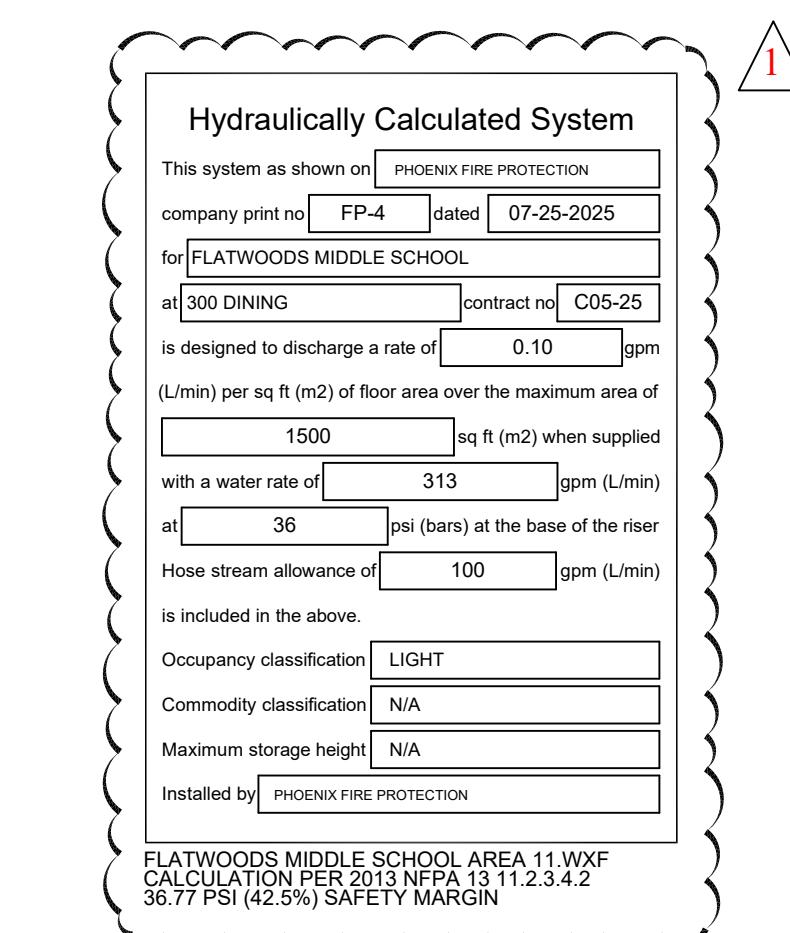


Maximum Allowable Hanger Distances Per NFPA 13 TABLE 9.2.2.1(a)	
PIPE SIZE (ft.in.)	STEEL PIPE LENGTH
1"	12'-0"
1-1/4"	12'-0"
1-1/2"	15'-0"
2"	15'-0"
2-1/2"	15'-0"
4"	15'-0"
6"	15'-0"

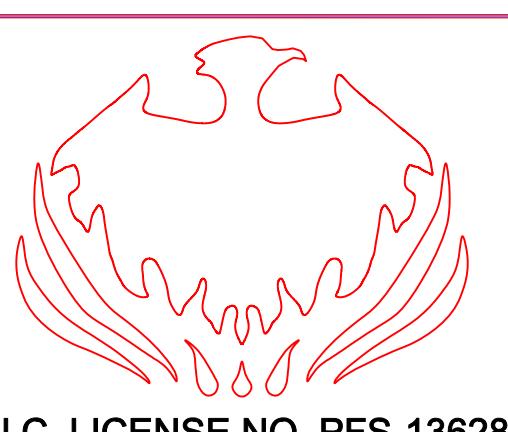
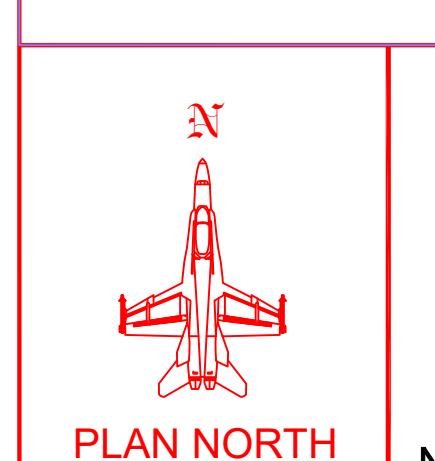
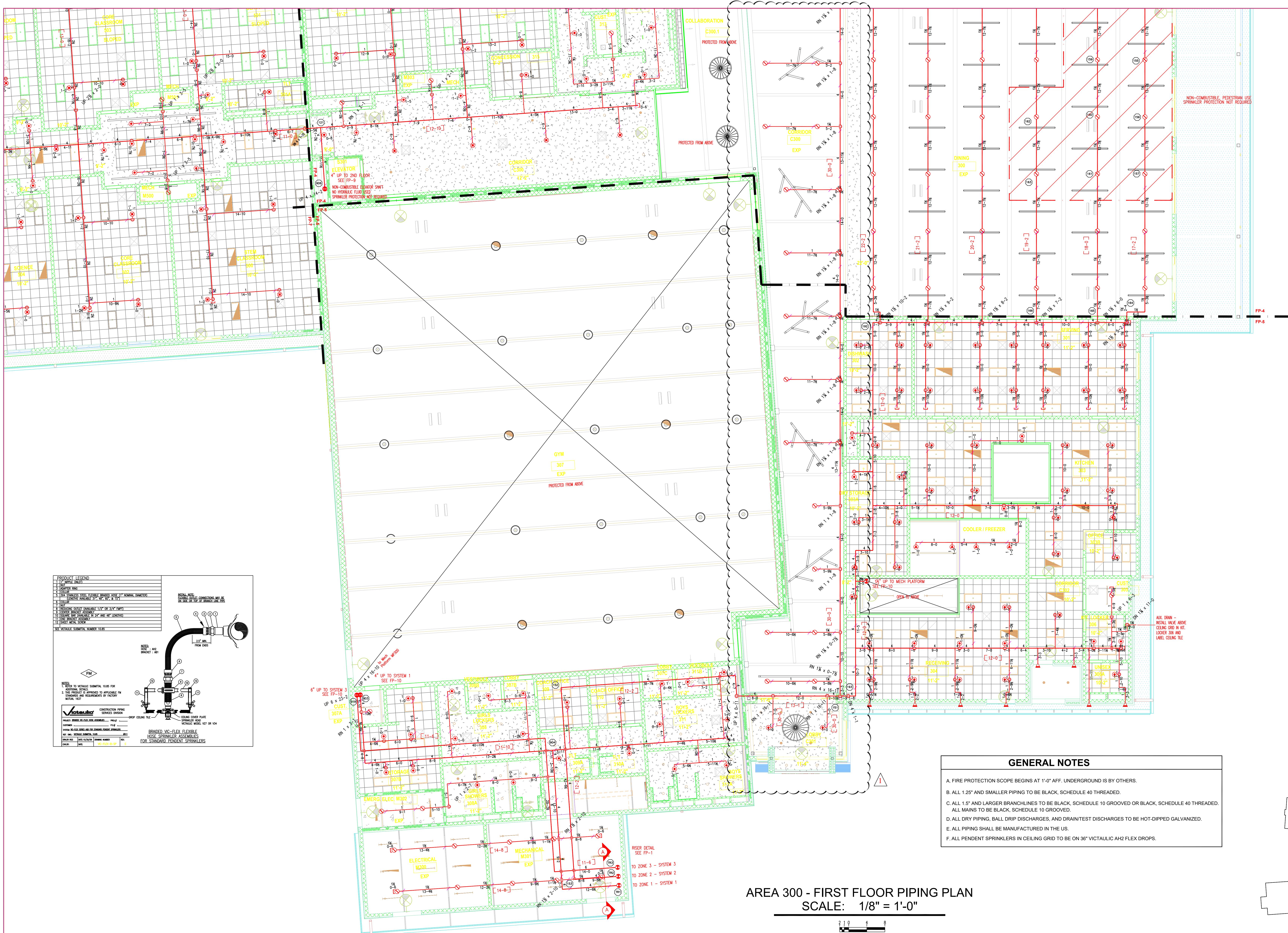
All Thread Rod Diameter (ATR)
 $\frac{3}{8}$ " - 1" thru 4" Pipe
 $\frac{1}{2}$ " - 6" and Larger

PIPE HANGER DETAILS

NO SCALE



This fire sprinkler planning and design drawing has been prepared by Phoenix Fire Protection, Inc. as a licensed fire sprinkler contractor under Article 2 of Chapter 87 of the General Statutes for Phoenix Fire Protection, Inc.'s exclusive use pursuant to G.S. §89C-25(8), and Phoenix Fire Protection, Inc. must perform any and all installation work and other work performed in reliance on this drawing pursuant to G.S. §55B-15(a)(2). Installation work or any other work performed by any other person or entity in reliance on this drawing or any copy thereof is strictly prohibited. © 2025 Phoenix Fire Protection, Inc.



This fire sprinkler planning and design drawing has been prepared by Phoenix Fire Protection, Inc. as a licensed fire sprinkler contractor under Article 2 of Chapter 87 of the General Statutes for Phoenix Fire Protection, Inc.'s exclusive use pursuant to G.S. §89C-25(8), and Phoenix Fire Protection, Inc. must perform any and all installation work and other work performed in reliance on this drawing pursuant to G.S. §55B-15(a)(2). Installation work or any other work performed by any other person or entity in reliance on this drawing or any copy thereof is strictly prohibited. © 2025 Phoenix Fire Protection, Inc.

SHEET INDEX

APPROVING AGENCIES

ADDITIONAL NOTES

SEAL

REVISIONS

SPRINKLER SUMMARY

JOB #:

005-25

DATE:

07-25-2025

SCALE:

As Noted

DRAWN BY:

KM

CHK. BY:

LARRY DIBBLEY

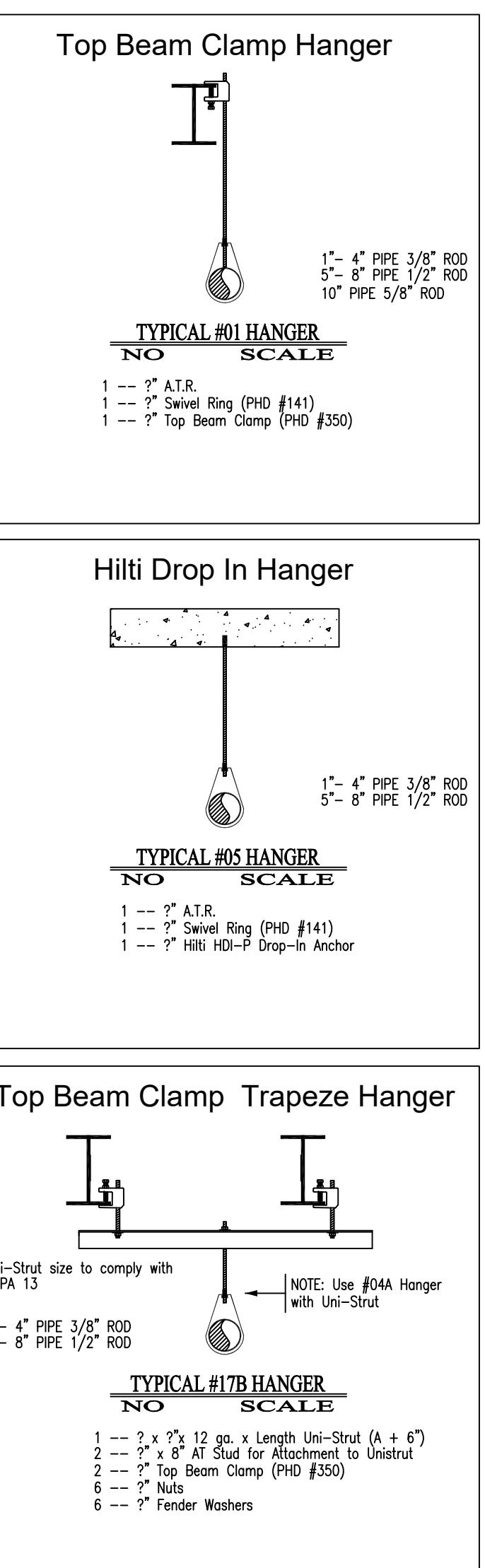
DATE:

11/1/2025

SHEET NO:

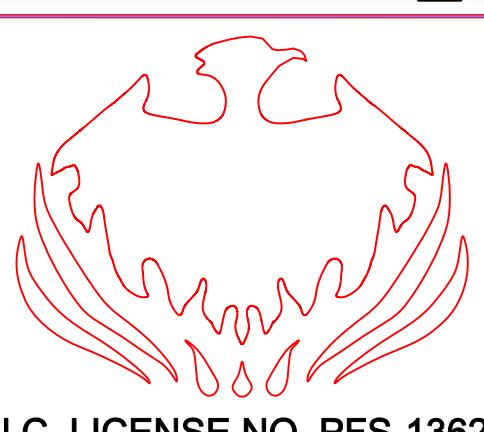
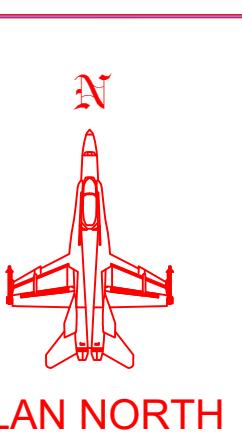
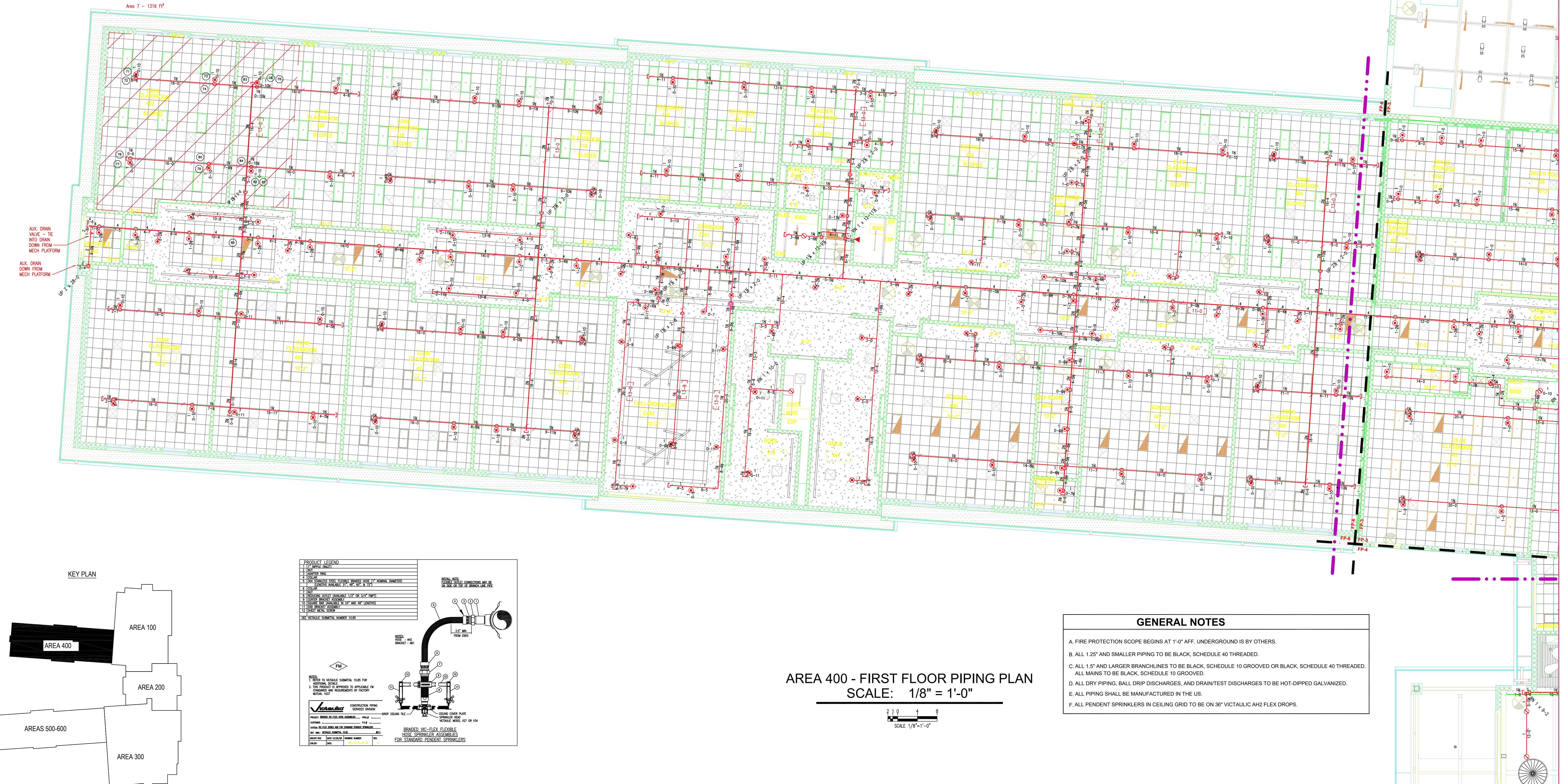
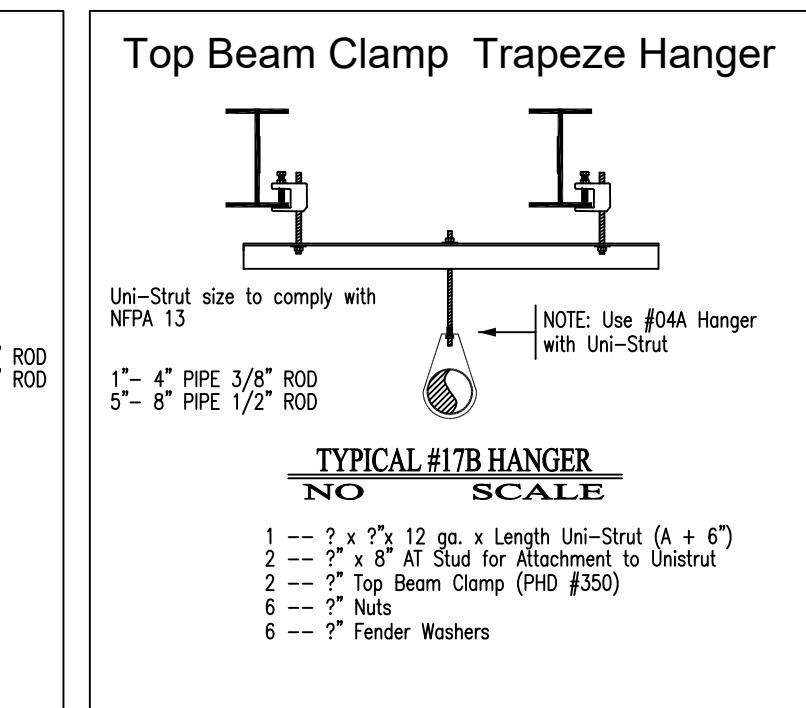
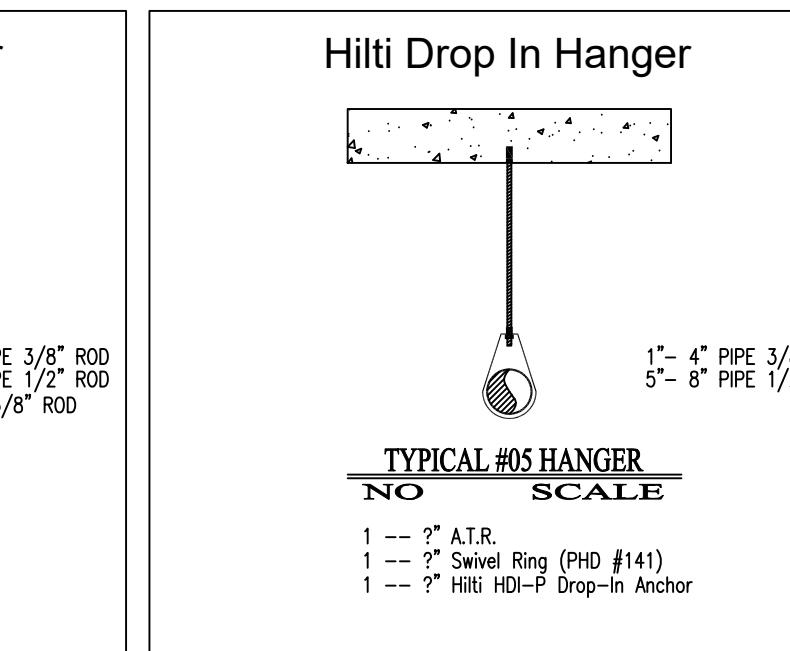
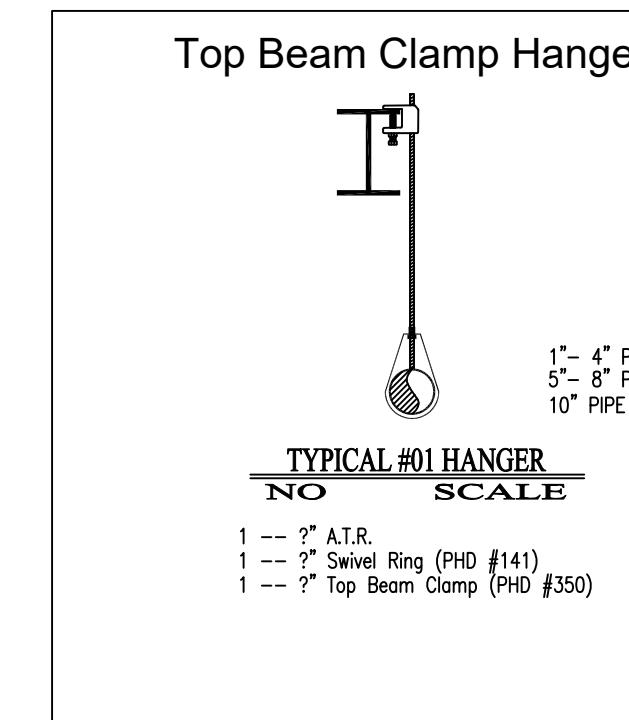
FP-5

NETIC LEVEL IV, CERT. NO. 112169

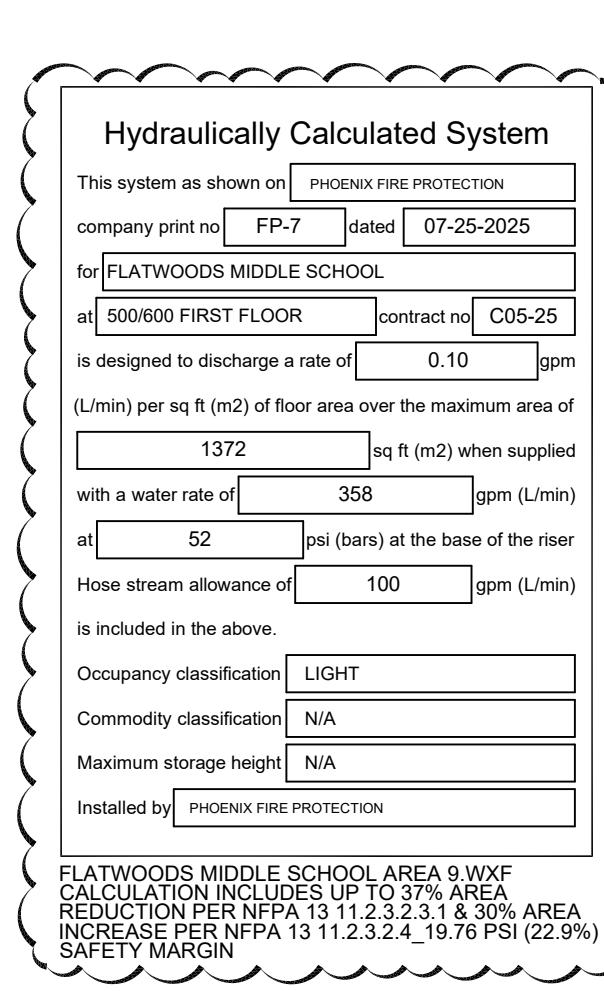


PHOENIX FIRE PROTECTION, INC.
 P.O. BOX 2891
 2863 LEE AVENUE
 SANFORD, NC 27332
 PHONE: (919) 374-3042
 FAX: (919) 774-1492
Area 300 - First Floor Piping Plan
Flatwoods Middle School
 3544 US 401 South
 Lillington, North Carolina
 Larry Taylor
 11/1/2025
 DATE
 NICET LEVEL IV, CERT. NO. 112169
 SHEET NO. OF 13

Hydraulically Calculated System



This fire sprinkler planning and design drawing has been prepared by Phoenix Fire Protection, Inc. as a licensed fire sprinkler contractor under Article 2 of Chapter 87 of the General Statutes for Phoenix Fire Protection, Inc.'s exclusive use pursuant to G.S. §89C-25(8), and Phoenix Fire Protection, Inc. must perform any and all installation work and other work performed in reliance on this drawing pursuant to G.S. §55B-15(a)(2). Installation work or any other work performed by any other person or entity in reliance on this drawing or any copy thereof is strictly prohibited. © 2025 Phoenix Fire Protection, Inc.



FIRE HOSE VALVE CONNECTION

NO SCALE

GENERAL NOTES

ION SCOPE BEGINS AT 1'-0" AFF. UNDERGROUND IS BY OTHERS.

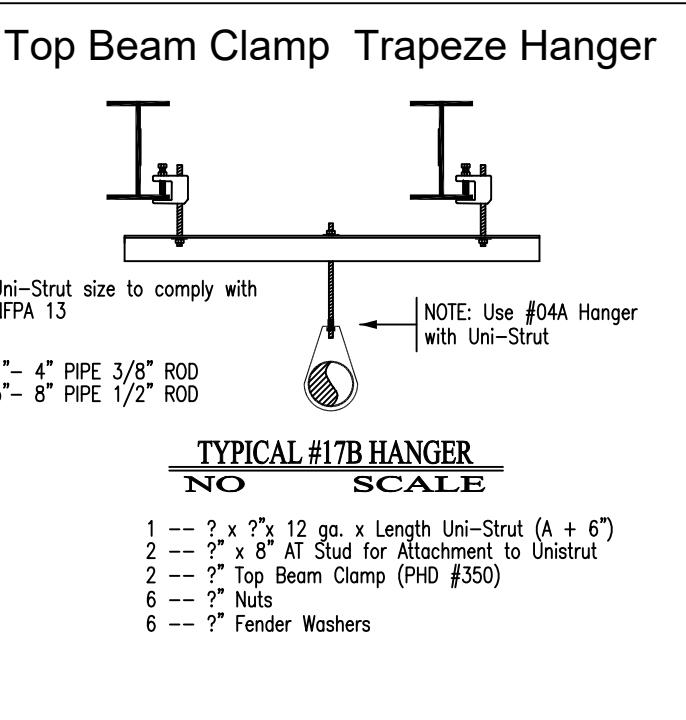
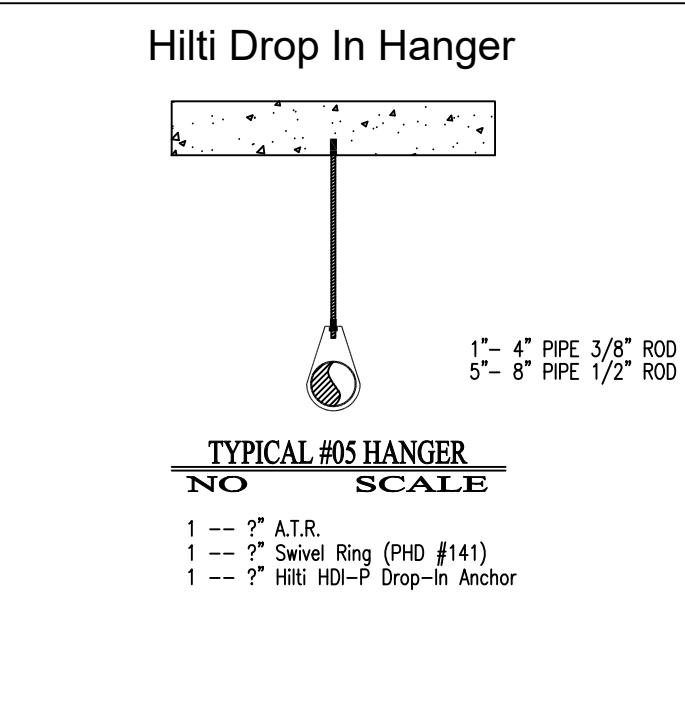
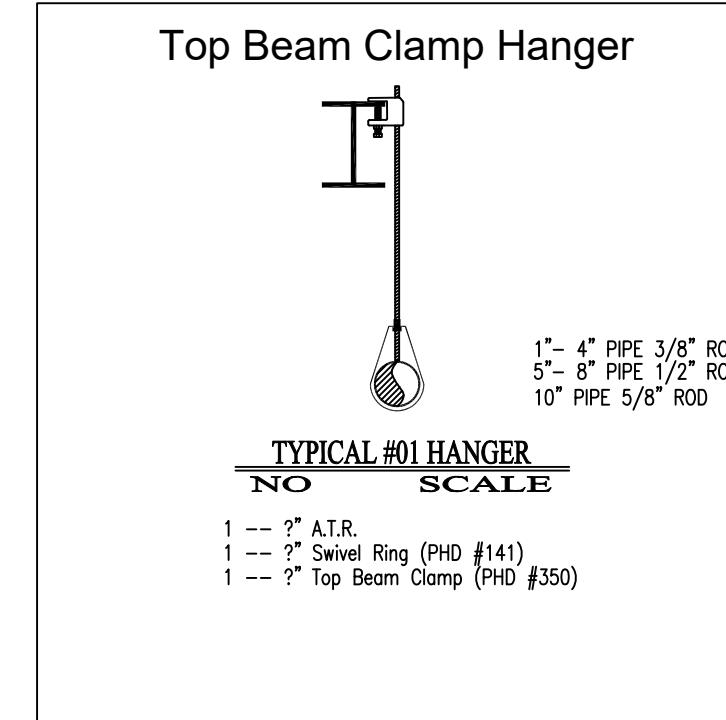
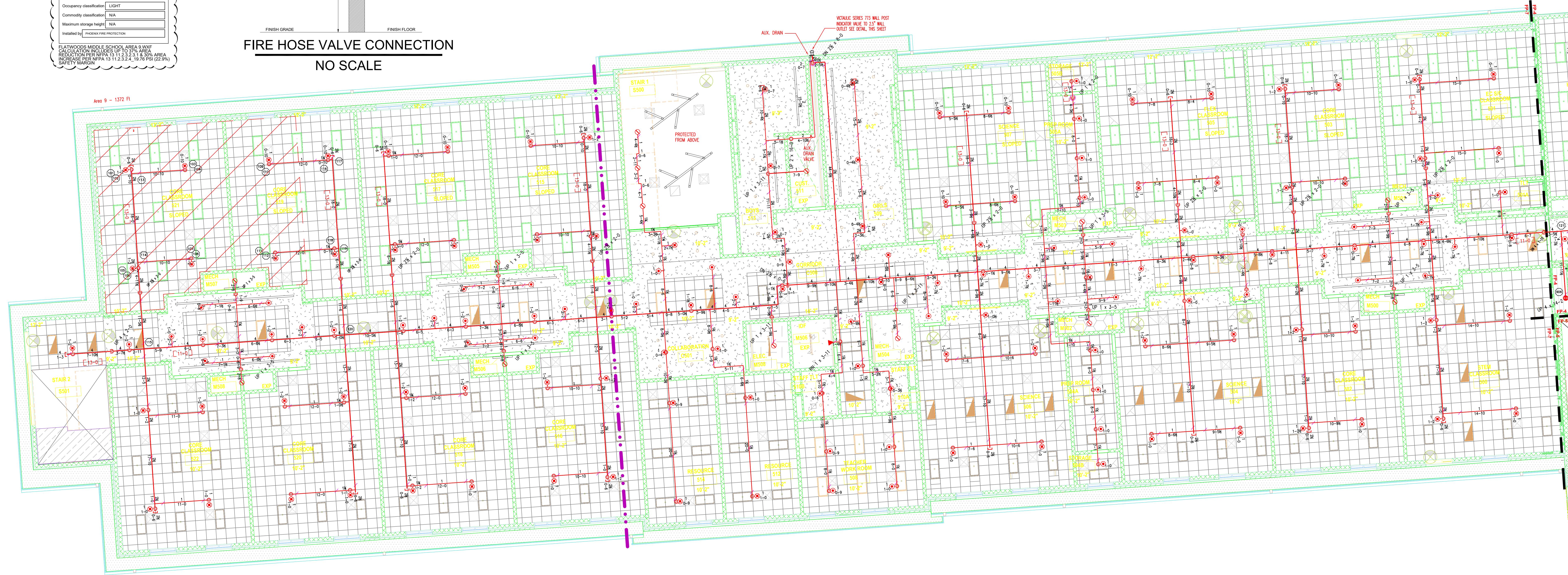
SMALLER PIPING TO BE BLACK, SCHEDULE 40 THREADED.

ARGER BRANCHLINES TO BE BLACK, SCHEDULE 10 GROOVED OR BLACK, SCHEDULE 40 THREADED
BE BLACK, SCHEDULE 10 GROOVED.

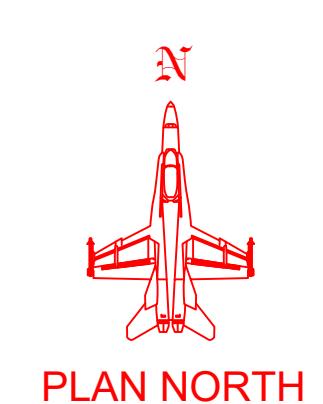
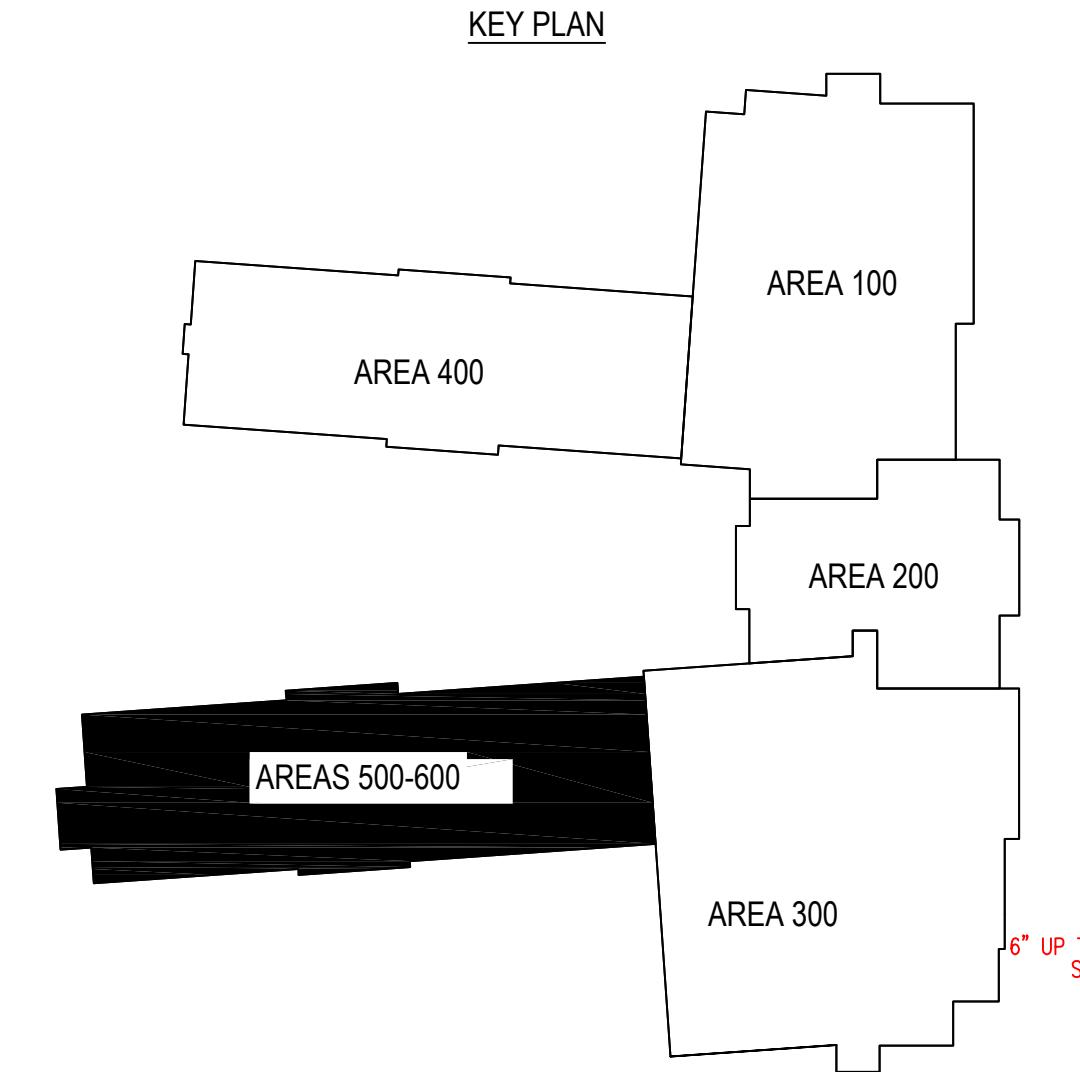
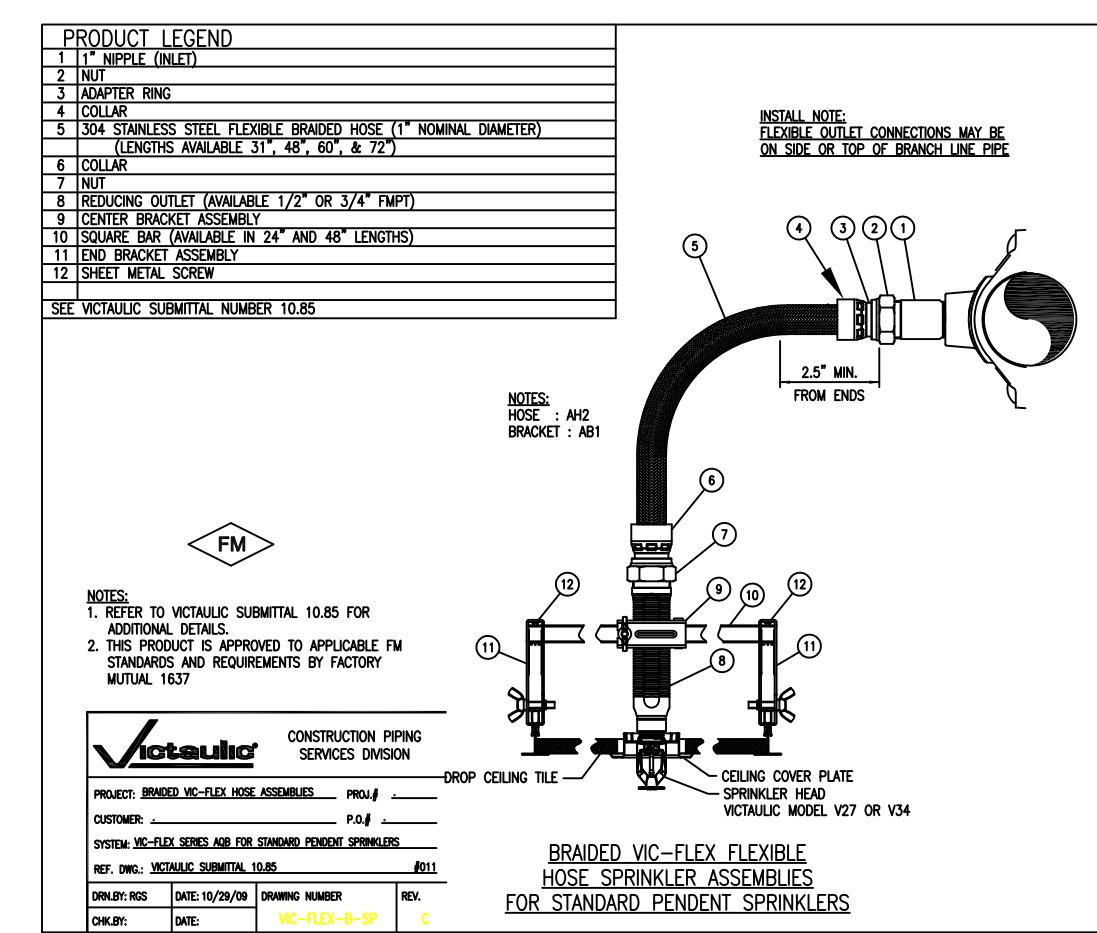
G, BALL DRIP DISCHARGES, AND DRAIN/TEST DISCHARGES TO BE HOT-DIPPED GALVANIZED.

ALL BE MANUFACTURED IN THE US.

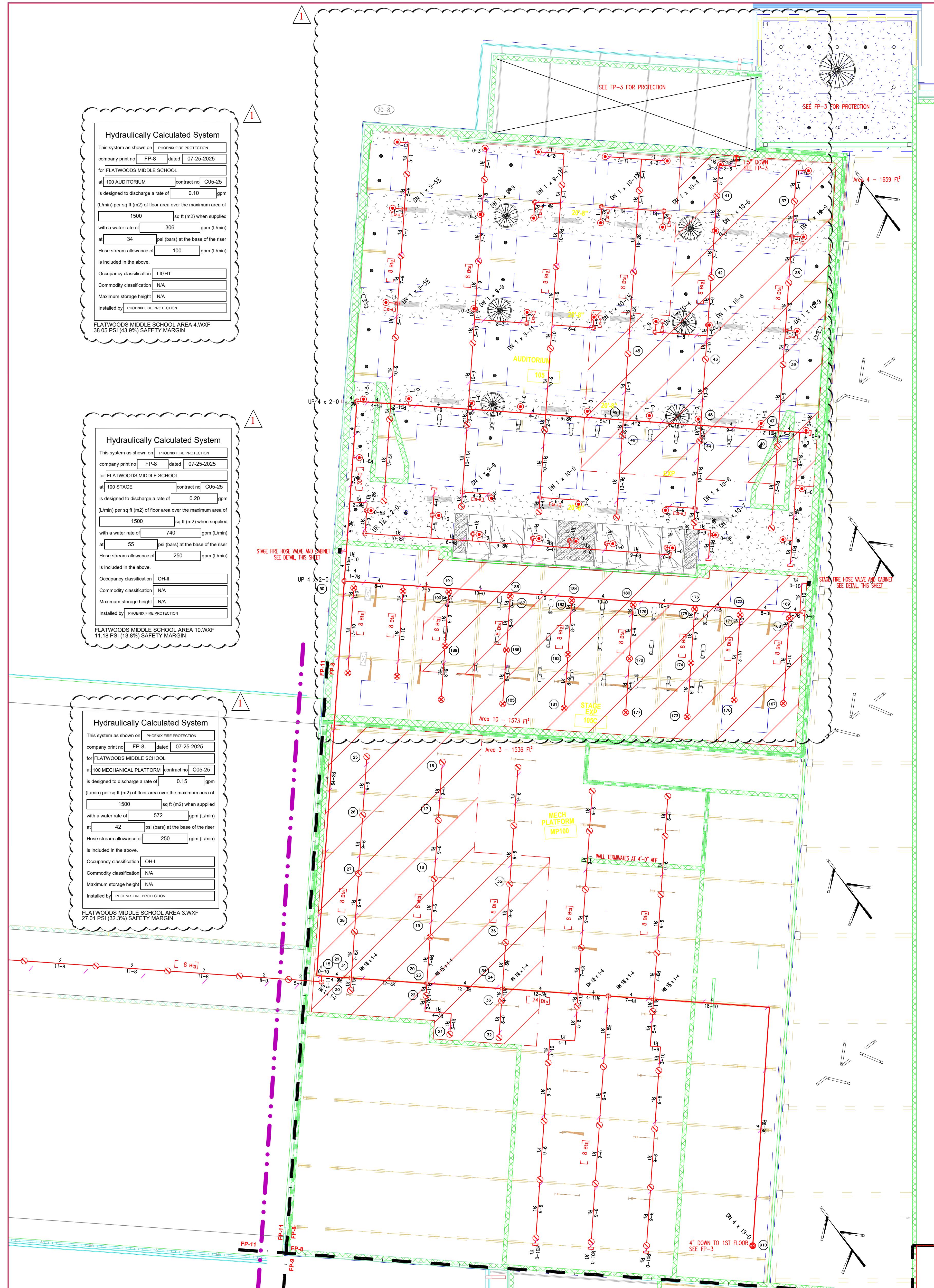
SPRINKLERS IN CEILING GRID TO BE ON 36" VICTAULIC AH2 FLEX DROPS.



AREA 500/600 - FIRST FLOOR PIPING PLAN
SCALE: 1/8" = 1'-0"



This fire sprinkler planning and design drawing has been prepared by Phoenix Fire Protection, Inc. as a licensed fire sprinkler contractor under Article 2 of Chapter 87 of the General Statutes for Phoenix Fire Protection, Inc.'s exclusive use pursuant to G.S. §89C-25(8), and Phoenix Fire Protection, Inc. must perform any and all installation work and other work performed in reliance on this drawing pursuant to G.S. §55B-15(a)(2). Installation work or any other work performed by any other person or entity in reliance on this drawing or any copy thereof is strictly prohibited. © 2025 Phoenix Fire Protection, Inc.



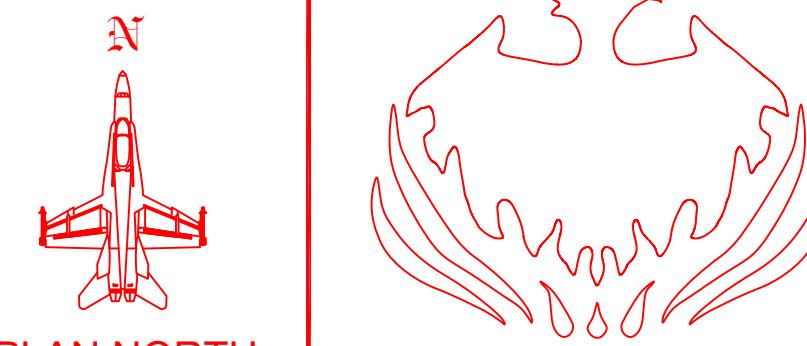
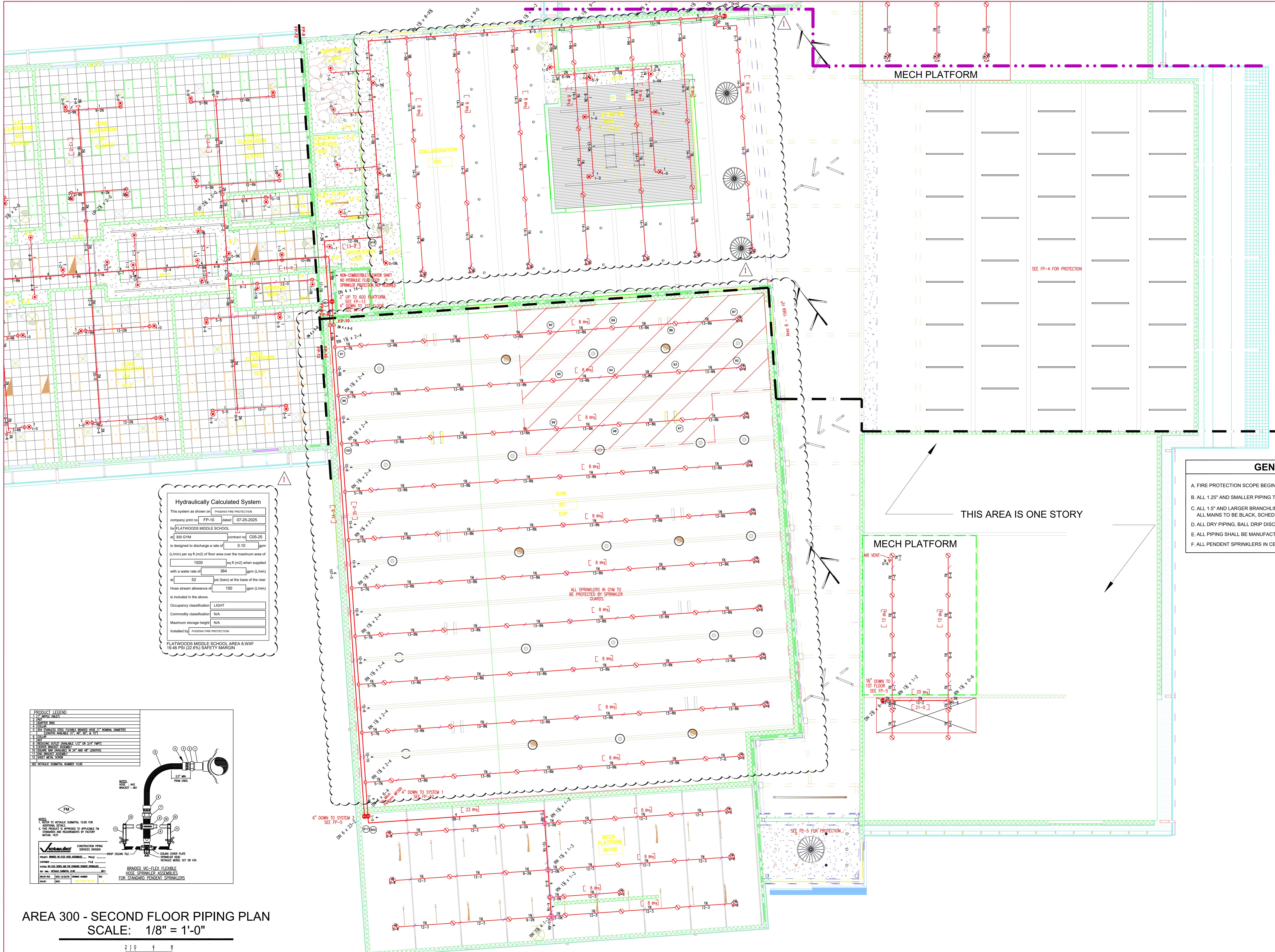
THIS AREA IS ONE STORY,

AREA 100 - SECOND FLOOR PIPING PLAN
SCALE: 1/8" = 1'-0"

SCALE 1/8" = 1'-0"

1 10 1 8

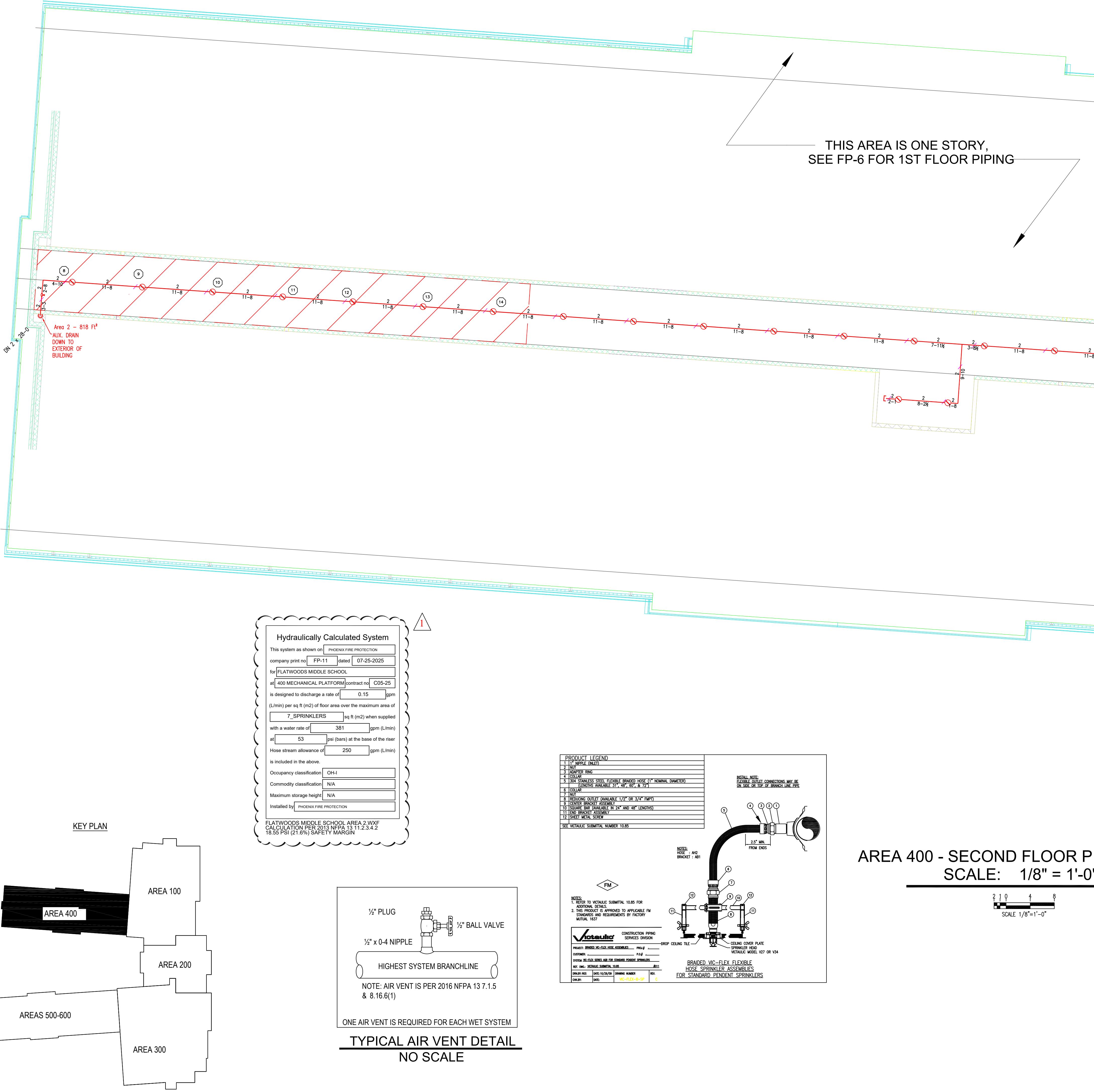
SCALE



N.C. LICENSE NO. PFS-130

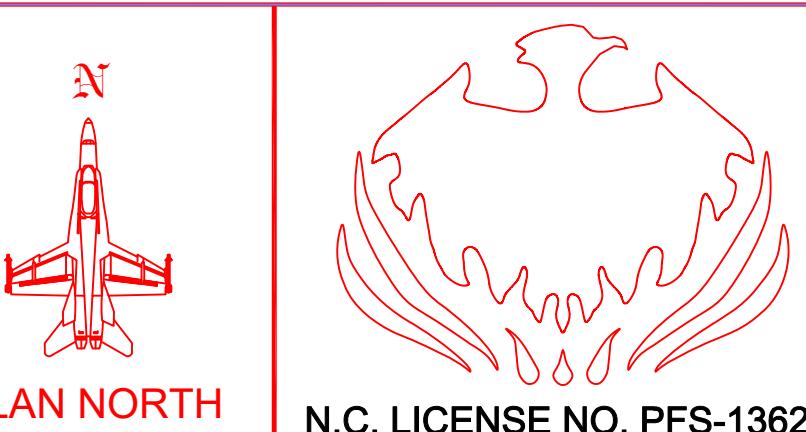
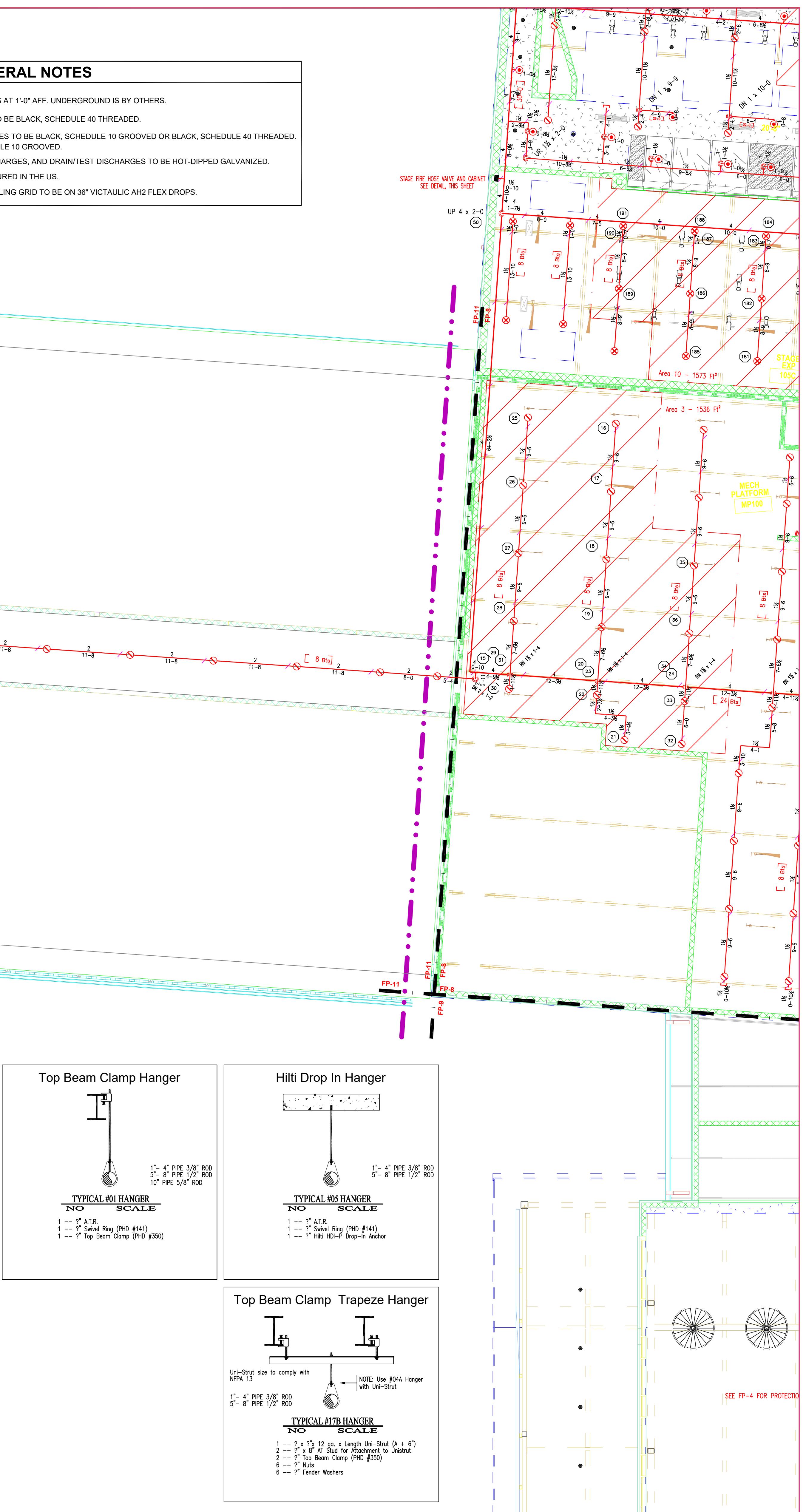
This fire sprinkler planning and design drawing has been prepared by Phoenix Fire Protection, Inc. as a licensed fire sprinkler contractor under Article 2 of Chapter 87 of the General Statutes for Phoenix Fire Protection, Inc.'s exclusive use pursuant to G.S. §89C-25(8), and Phoenix Fire Protection, Inc. must perform any and all installation work and other work performed in reliance on this drawing pursuant to G.S. §55B-15(a)(2). Installation work or any other work performed by any other person or entity in reliance on this drawing or any copy thereof is strictly prohibited. © 2025 Phoenix Fire Protection, Inc.

SCALE 1/8"=1'-0"											
 PLAN NORTH N.C. LICENSE NO. PFS-13628		SPRINKLER SUMMARY <p>This fire sprinkler planning and design drawing has been prepared by Phoenix Fire Protection, Inc. as a licensed fire sprinkler contractor under Article 2 of Chapter 87 of the General Statutes for Phoenix Fire Protection, Inc.'s exclusive use pursuant to G.S. §89C-25(8), and Phoenix Fire Protection, Inc. must perform any and all installation work and other work performed in reliance on this drawing pursuant to G.S. §55B-15(a)(2). Installation work or any other work performed by any other person or entity in reliance on this drawing or any copy thereof is strictly prohibited. © 2025 Phoenix Fire Protection, Inc.</p>									
		SHEET INDEX REVISI ONS		SPRINKLER SUMMARY SPRINKLER SUMMARY		IOB# CO-55		APPROVING AGENCIES APPROVING AUTHORITY: HARNETT COUNTY ADDRESS: P.O. BOX 65 CITY & STATE: LILLINGTON, NC 27546 PHONE NO.: (910) 893-7525 FAX NO.: (910) 893-2793 WEBSITE: www.harnett.org		SEAL PHOENIX FIRE PROTECTION, INC. P.O. BOX 281 2813 LEAVENWORTH ASPEN, CO 81232 PHONE: (910) 774-3420 FAX: (910) 774-1422 Area 300 - Second Floor Piping Plan Flatwoods Middle School 354 US 41 Sth Lillington, North Carolina January Taylor LARRY DALE TAYLOR INC. FIRE PROTECTION, INC. 126 CH. BY LDT 11/25 SE 11/20 DATE FP-1 - Site Plan / Cover Sheet FP-2 - Details FP-3 - Area 100 - First Floor Piping Plan FP-4 - Area 200 - First Floor Piping Plan FP-5 - Area 300 - First Floor Piping Plan FP-6 - Area 400 - First Floor Piping Plan FP-7 - Area 500/600 - First Floor Piping Plan FP-8 - Area 100 - Second Floor Piping Plan FP-9 - Area 200 - Second Floor Piping Plan FP-10 - Area 300 - Second Floor Piping Plan FP-11 - Area 400 - Second Floor Piping Plan FP-12 - Area 500/600 - Second Floor Piping Plan FP-13 - Area 500/600 - Mech Platform Piping Plan	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY	
		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUMMARY		SPRINKLER SUM			



GENERAL NOTES

- A. FIRE PROTECTION SCOPE BEGINS AT 1'-0" AFF. UNDERGROUND IS BY OTHERS.
- B. ALL 1.25" AND SMALLER PIPING TO BE BLACK, SCHEDULE 40 THREADED.
- C. ALL 1.5" AND LARGER BRANCHLINES TO BE BLACK, SCHEDULE 10 GROOVED OR BLACK, SCHEDULE 40 THREADED.
ALL MAINS TO BE BLACK, SCHEDULE 10 GROOVED.
- D. ALL DRY PIPING, BALL DRIP DISCHARGES, AND DRAIN/TEST DISCHARGES TO BE HOT-DIPPED GALVANIZED.
- E. ALL PIPING SHALL BE MANUFACTURED IN THE US.
- F. ALL PENDENT SPRINKLERS IN CEILING GRID TO BE ON 36" VICTAULIC AH2 FLEX DROPS.



This fire sprinkler planning and design drawing has been prepared by Phoenix Fire Protection, Inc. as a licensed fire sprinkler contractor under Article 2 of Chapter 87 of the General Statutes for Phoenix Fire Protection, Inc.'s exclusive use pursuant to G.S. §89C-25(8), and Phoenix Fire Protection, Inc. must perform any and all installation work and other work performed in reliance on this drawing pursuant to G.S. §55B-15(a)(2). Installation work or any other work performed by any other person or entity in reliance on this drawing or any copy thereof is strictly prohibited. © 2025 Phoenix Fire Protection, Inc.

SHEET INDEX

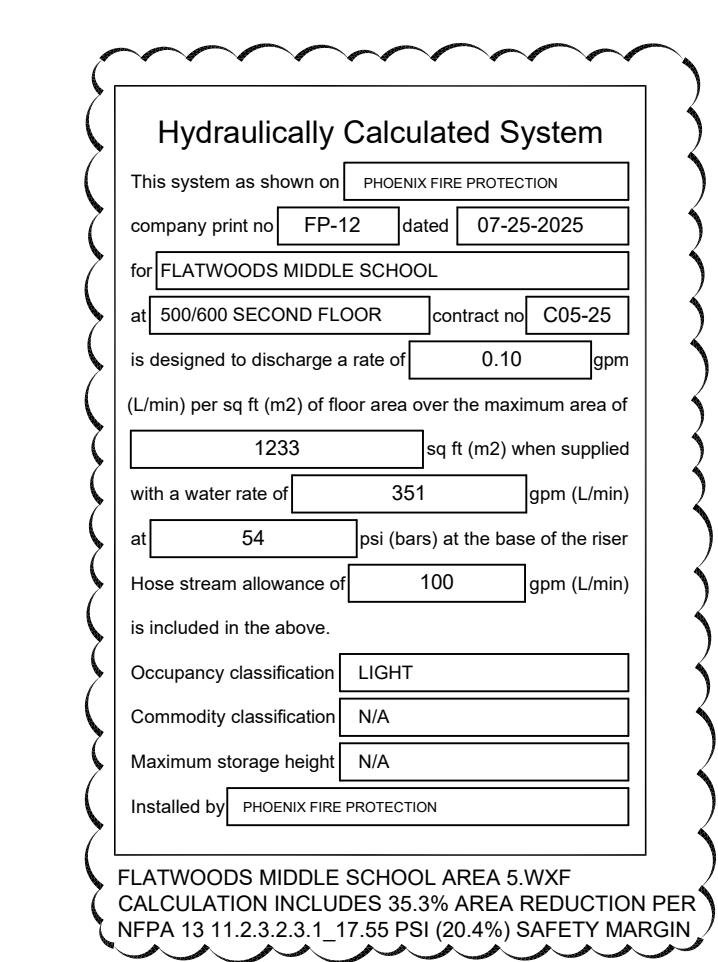
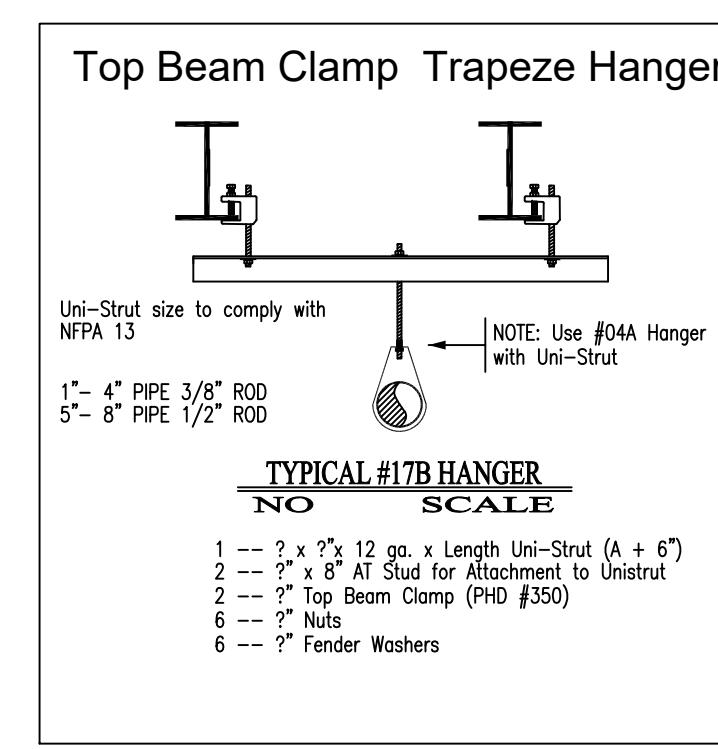
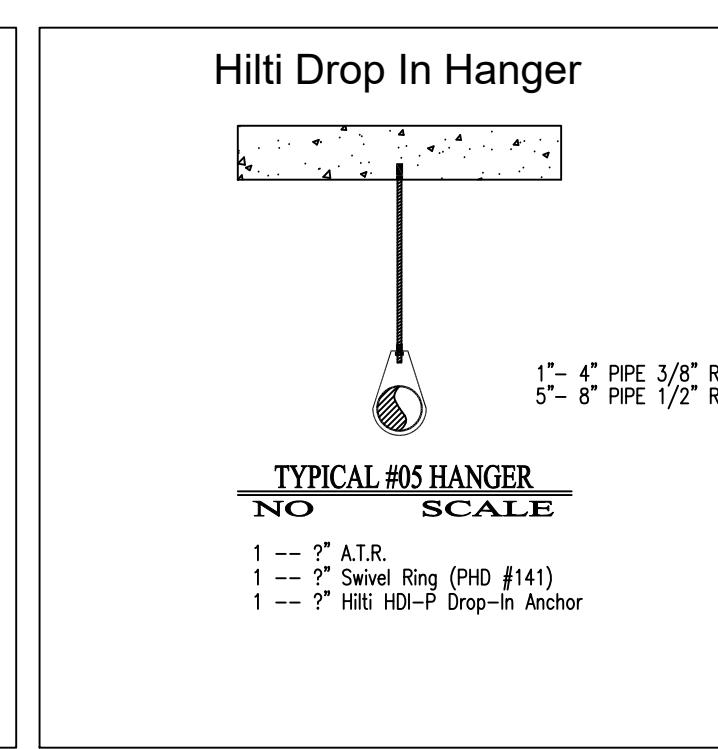
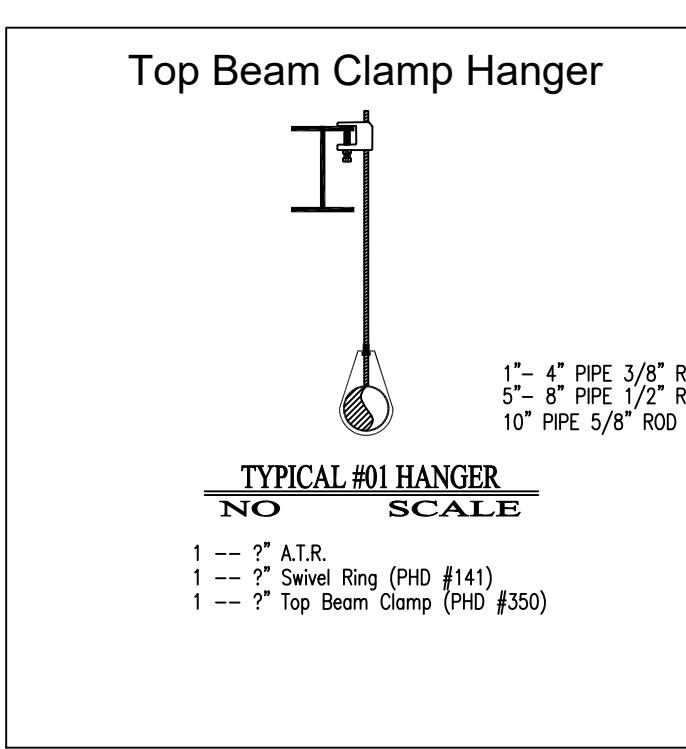
	APPROVING AUTHORITY
	ADDRESS:
	CITY & STATE:
	PHONE NO.:
	FAX NO.:
	WEBSITE:

A G E N C I E S	A D
<p>HARNETT COUNTY P.O. BOX 65 LILLINGTON, NC 27546 (910) 893-7525 (910) 893-2793 www.harnett.org</p>	

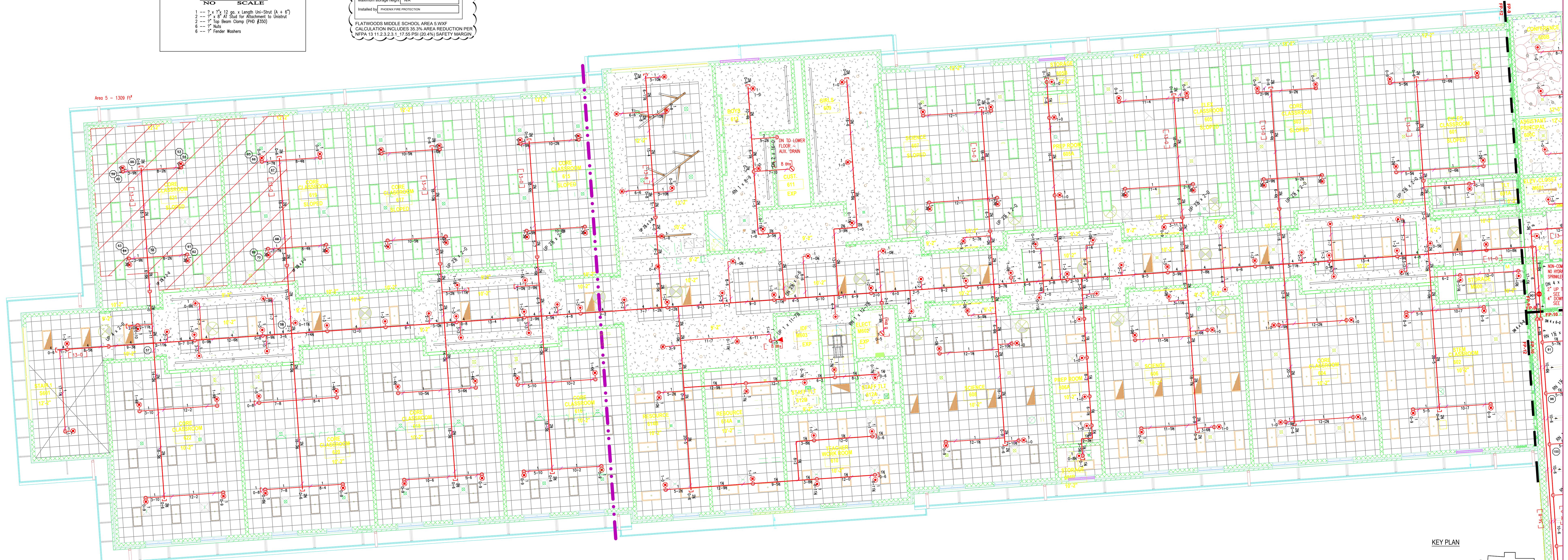
OPTIONAL NOTES	SEAL

SPRINKLER SUMMARY											
BY	SYM	TYPE	FINISH	TEMP	ORIF.	"K"	NPT	MANUF.	SIN#	ESCUTCHEON	QT
KM	●	PENDENT	WHITE	175	1/2"	5.6	1/2"	VICTAULIC	V3802	CONCEALED	0
	●	PENDENT	WHITE	175	3/4"	11.2	3/4"	VICTAULIC	V1106	CONCEALED	0
	●	UPRIGHT	BRASS	200	1/2"	5.6	1/2"	VICTAULIC	V2704	N/A	2
	●	UPRIGHT (ON SPRIG)	BRASS	200	1/2"	5.6	1/2"	VICTAULIC	V2704	N/A	0
	●	UPRIGHT	BRASS	200	3/4"	8.0	3/4"	VICTAULIC	V3402	N/A	0
	◀	SIDEWALL	WHITE	200	1/2"	5.6	1/2"	VICTAULIC	V2710	FLUSH	0
	▲	DRY PENDENT	CHROME	200	1/2"	5.6	1/2"	VICTAULIC	V3614	EXTENDED	0
	◀	DRY SIDEWALL	CHROME	200	3/4"	8.0	3/4"	TYCO	TY4355	STANDARD	0
TOTAL SPRINKLERS THIS PROJECT						1292	TOTAL SPRINKLERS THIS DRAWING				

JOB #: C05-25	PHOENIX FIRE PROTECTION, INC. P.O. BOX 2881 2863 LEE AVENUE SANFORD, N.C. 27332	
DATE: 07-25-2025	PHONE: (919) 774-3042	FAX: (919) 774-1492
SCALE: As Noted	Area 400 - Second Floor Piping Plan Flatwoods Middle School 3544 US 401 South Lillington, North Carolina	
DRAWN BY: KM	Larry Taylor LARRY DEAN TAYLOR	11/11/2025 DATE
CHK. BY: LDT	SHEET NO. FP-11	

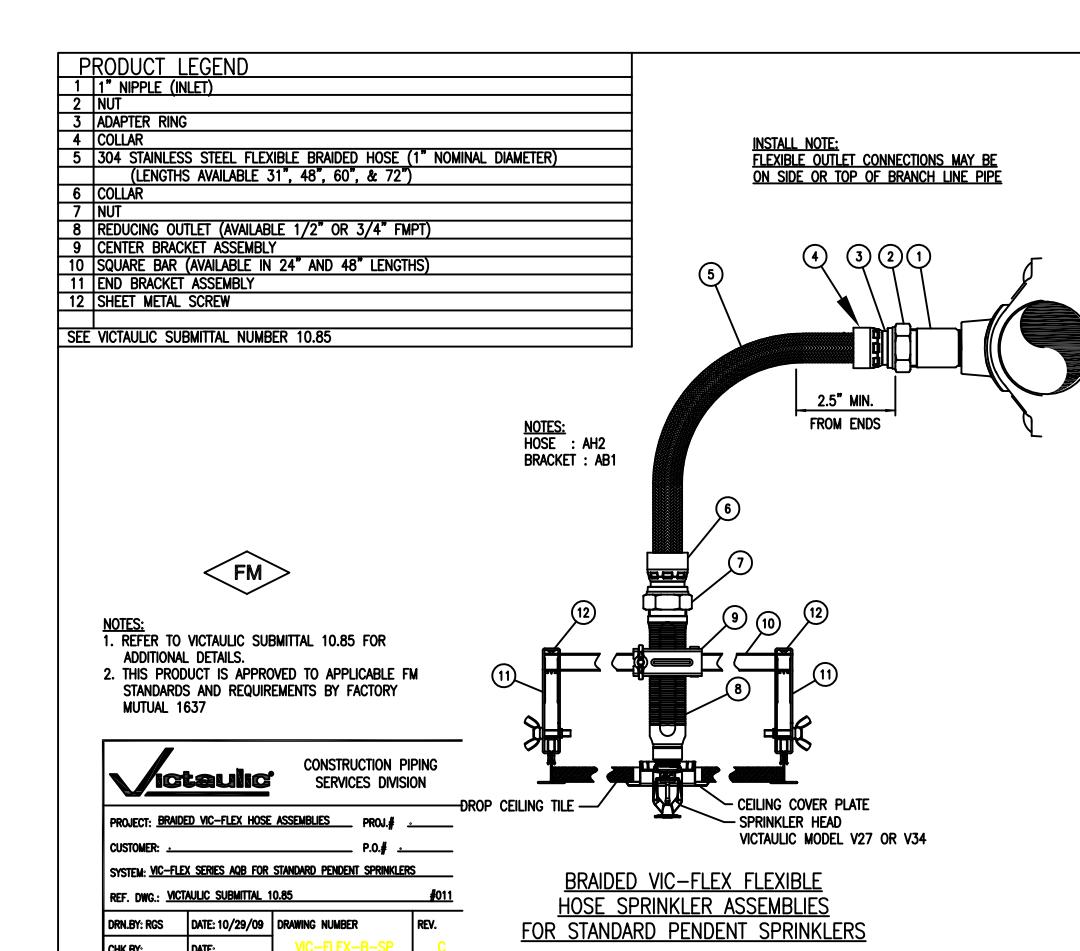


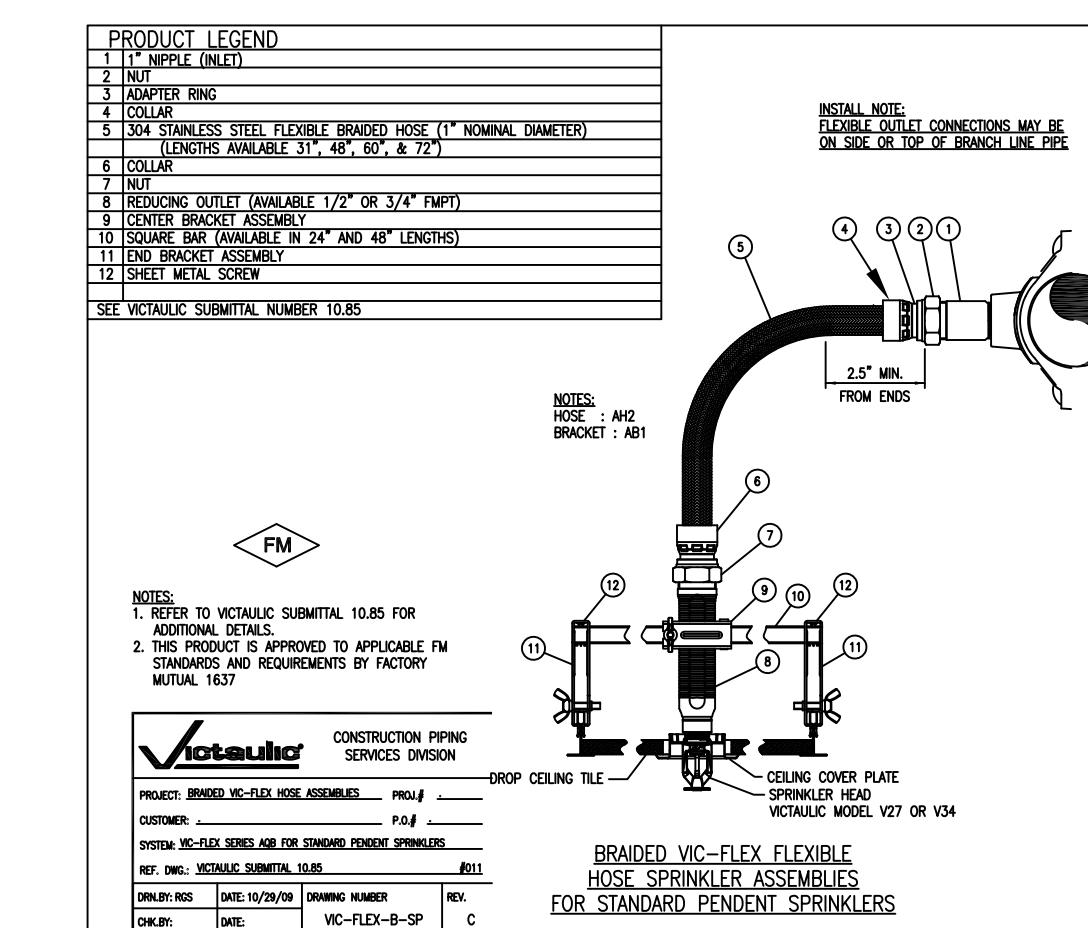
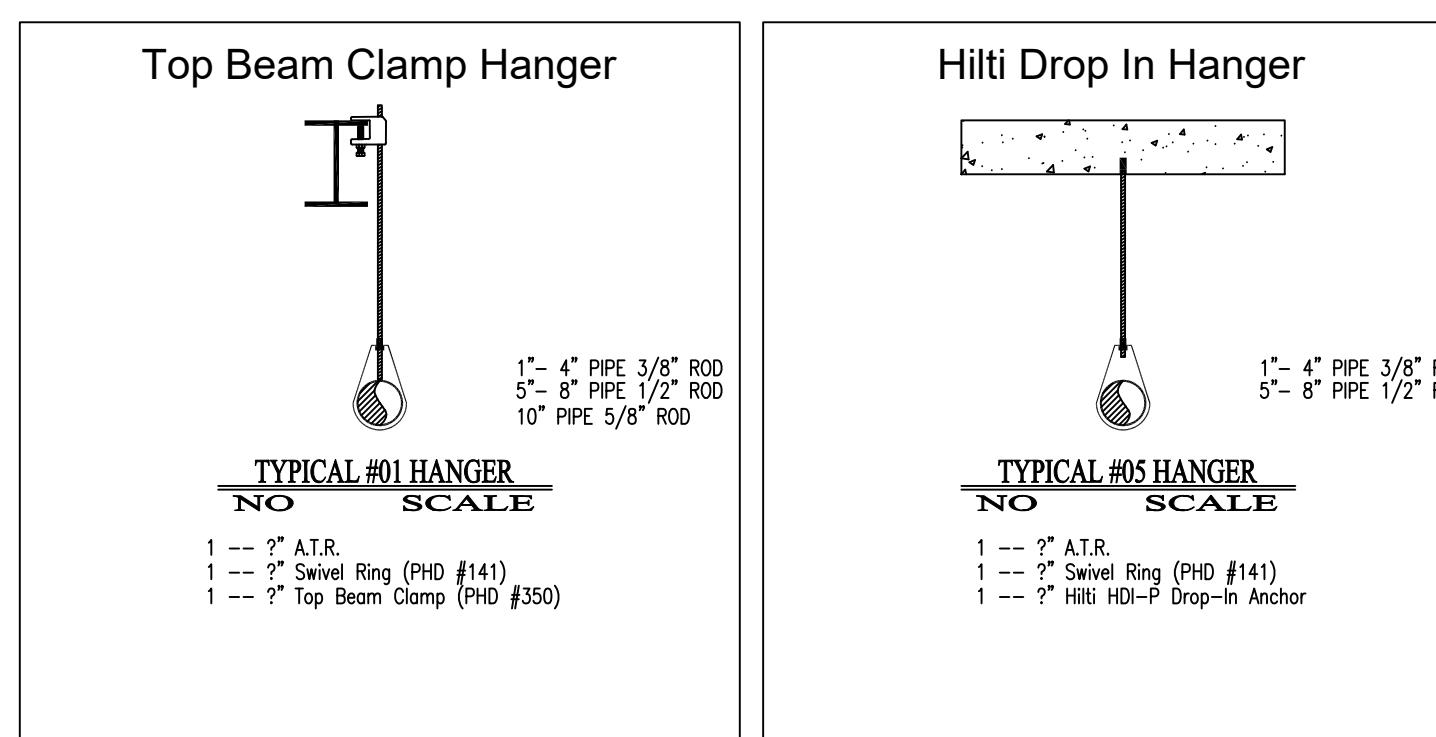
GENERAL NOTES	
A. FIRE PROTECTION SCOPE BEGINS AT 1'-0" AFF. UNDERGROUND IS BY OTHERS.	
B. ALL 1/2" AND SMALLER PIPING TO BE BLACK, SCHEDULE 40 THREADED.	
C. ALL 1 1/2" AND LARGER BRANCHLINES TO BE BLACK, SCHEDULE 10 GROOVED OR BLACK, SCHEDULE 40 THREADED.	
D. ALL MAINS TO BE BLACK, SCHEDULE 10 GROOVED.	
E. ALL DRY PIPING, BALL DRIP DISCHARGES, AND DRAIN/TEST DISCHARGES TO BE HOT-DIPPED GALVANIZED.	
F. ALL PENDENT SPRINKLERS IN CEILING GRID TO BE ON 36" VICTAULIC AH2 FLEX DROPS.	



AREA 500/600 - SECOND FLOOR PIPING PLAN
SCALE: 1/8" = 1'-0"

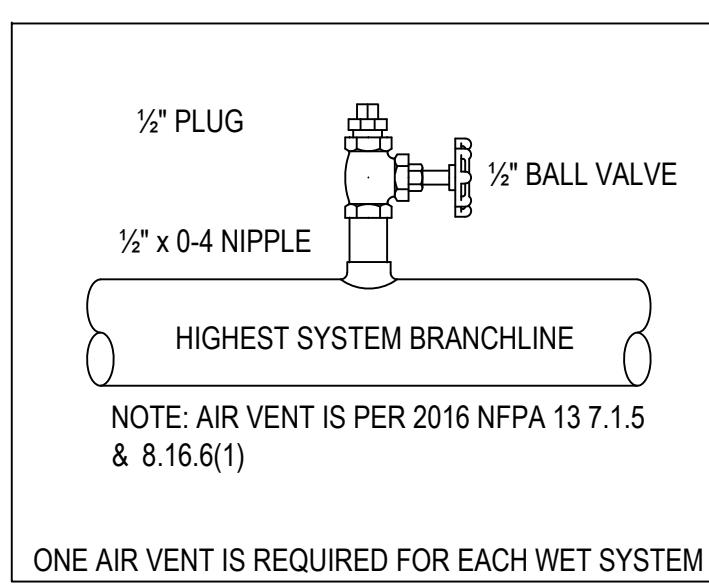
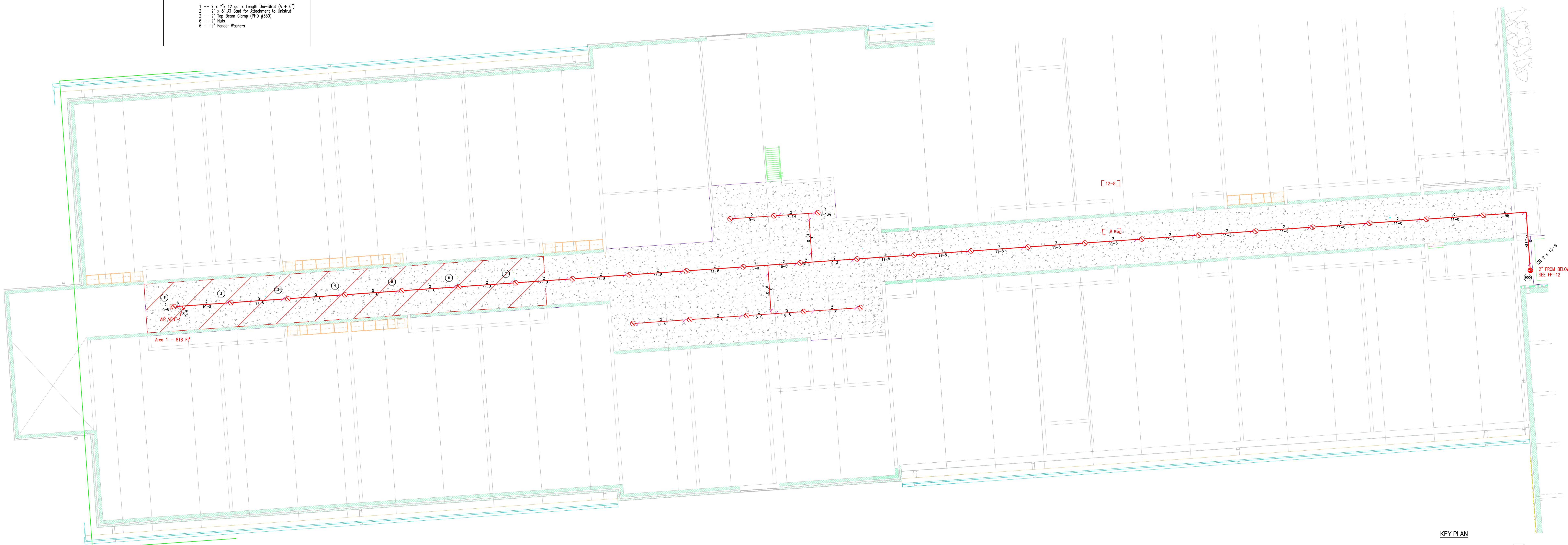
SCALE 1/8"=1'-0"





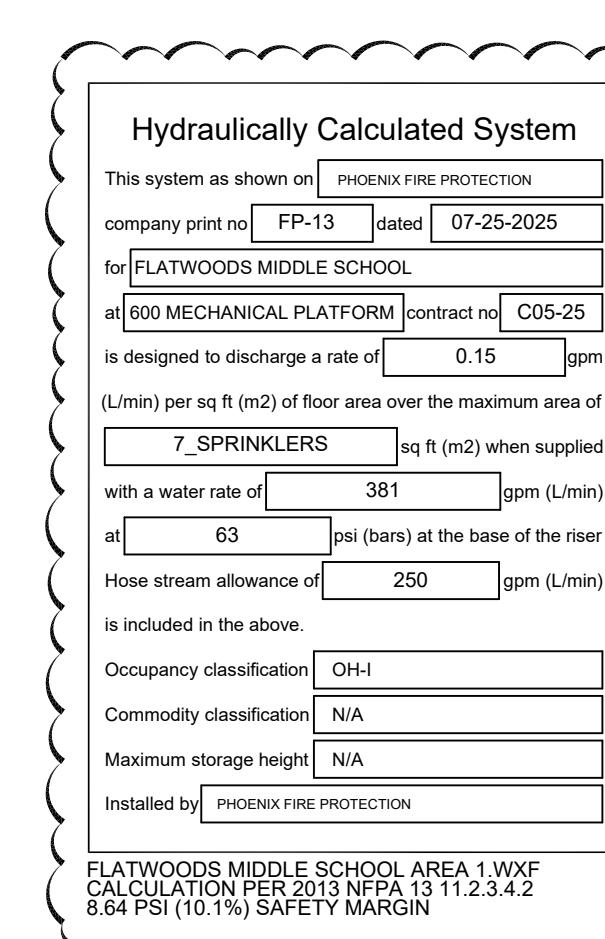
GENERAL NOTI

- A. FIRE PROTECTION SCOPE BEGINS AT 1'-0" AFF. UNDERGROUND IS BY OTHERS.
- B. ALL 1.25" AND SMALLER PIPING TO BE BLACK, SCHEDULE 40 THREADED.
- C. ALL 1.5" AND LARGER BRANCHLINES TO BE BLACK, SCHEDULE 10 GROOVED OR BLACK, SCHEDULE 40 THREADED.
ALL MAINS TO BE BLACK, SCHEDULE 10 GROOVED.
- D. ALL DRY PIPING, BALL DRIP DISCHARGES, AND DRAIN/TEST DISCHARGES TO BE HOT-DIPPED GALVANIZED.
- E. ALL PIPING SHALL BE MANUFACTURED IN THE US.
- F. ALL PENDENT SPRINKLERS IN CEILING GRID TO BE ON 36" VICTAULIC AH2 FLEX DROPS.

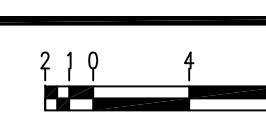


TYPICAL AIR VENT DETAIL

NO SCALE



AREA 500/600 - MECHANICAL PLATFORM PIPING PLATE



		<p>This fire sprinkler planning and design drawing has been prepared by Phoenix Fire Protection, Inc. as a licensed fire sprinkler contractor under Article 2 of Chapter 87 of the General Statutes for Phoenix Fire Protection, Inc.'s exclusive use pursuant to G.S. §89C-25(8), and Phoenix Fire Protection, Inc. must perform any and all installation work and other work performed in reliance on this drawing pursuant to G.S. §55B-15(a)(2). Installation work or any other work performed by any other person or entity in reliance on this drawing or any copy thereof is strictly prohibited. © 2025 Phoenix Fire Protection, Inc.</p>																																																																																																																																																																																															
		<p>SPRINKLER SUMMARY</p>																																																																																																																																																																																															
		<table border="1"> <thead> <tr> <th colspan="2">SHEET INDEX</th> <th colspan="10">SPRINKLER SUMMARY</th> </tr> <tr> <th>BY</th> <th>SYM</th> <th>TYPE</th> <th>FINISH</th> <th>TEMP</th> <th>OPRIF.</th> <th>"K"</th> <th>NP</th> <th>MANUF.</th> <th>SN #</th> <th>EXECUTION</th> <th>QTY.</th> </tr> </thead> <tbody> <tr> <td colspan="2">FP-1 - Site Plan / Cover Sheet</td> <td></td> <td>WHITE</td> <td>17°5'</td> <td>1 1/2"</td> <td>5.6</td> <td>1/2"</td> <td>PICTALIC</td> <td>V-3802</td> <td>CONCEALED</td> <td>0</td> </tr> <tr> <td colspan="2">FP-2 - Details</td> <td></td> <td>WHITE</td> <td>17°5'</td> <td>3/4"</td> <td>11.2</td> <td>3/4"</td> <td>PICTALIC</td> <td>V-1106</td> <td>CONCEALED</td> <td>0</td> </tr> <tr> <td colspan="2">FP-3 - Area 100 - First Floor Piping Plan</td> <td></td> <td>WHITE</td> <td>17°5'</td> <td>3/4"</td> <td>11.2</td> <td>3/4"</td> <td>PICTALIC</td> <td>V-1106</td> <td>CONCEALED</td> <td>0</td> </tr> <tr> <td colspan="2">FP-4 - Area 200 - First Floor Piping Plan</td> <td></td> <td>WHITE</td> <td>17°5'</td> <td>3/4"</td> <td>11.2</td> <td>3/4"</td> <td>PICTALIC</td> <td>V-1106</td> <td>CONCEALED</td> <td>0</td> </tr> <tr> <td colspan="2">FP-5 - Area 300 - First Floor Piping Plan</td> <td></td> <td>WHITE</td> <td>17°5'</td> <td>3/4"</td> <td>11.2</td> <td>3/4"</td> <td>PICTALIC</td> <td>V-1106</td> <td>CONCEALED</td> <td>0</td> </tr> <tr> <td colspan="2">FP-6 - Area 400 - First Floor Piping Plan</td> <td></td> <td>WHITE</td> <td>17°5'</td> <td>3/4"</td> <td>11.2</td> <td>3/4"</td> <td>PICTALIC</td> <td>V-1106</td> <td>CONCEALED</td> <td>0</td> </tr> <tr> <td colspan="2">FP-7 - Area 500/600 - First Floor Piping Plan</td> <td></td> <td>WHITE</td> <td>17°5'</td> <td>3/4"</td> <td>11.2</td> <td>3/4"</td> <td>PICTALIC</td> <td>V-1106</td> <td>CONCEALED</td> <td>0</td> </tr> <tr> <td colspan="2">FP-8 - Area 100 - Second Floor Piping Plan</td> <td></td> <td>WHITE</td> <td>17°5'</td> <td>3/4"</td> <td>11.2</td> <td>3/4"</td> <td>PICTALIC</td> <td>V-1106</td> <td>CONCEALED</td> <td>0</td> </tr> <tr> <td colspan="2">FP-9 - Area 200 - Second Floor Piping Plan</td> <td></td> <td>WHITE</td> <td>17°5'</td> <td>3/4"</td> <td>11.2</td> <td>3/4"</td> <td>PICTALIC</td> <td>V-1106</td> <td>CONCEALED</td> <td>0</td> </tr> <tr> <td colspan="2">FP-10 - Area 300 - Second Floor Piping Plan</td> <td></td> <td>WHITE</td> <td>17°5'</td> <td>3/4"</td> <td>11.2</td> <td>3/4"</td> <td>PICTALIC</td> <td>V-1106</td> <td>CONCEALED</td> <td>0</td> </tr> <tr> <td colspan="2">FP-11 - Area 400 - Second Floor Piping Plan</td> <td></td> <td>WHITE</td> <td>17°5'</td> <td>3/4"</td> <td>11.2</td> <td>3/4"</td> <td>PICTALIC</td> <td>V-1106</td> <td>CONCEALED</td> <td>0</td> </tr> <tr> <td colspan="2">FP-12 - Area 500/600 - Second Floor Piping Plan</td> <td></td> <td>WHITE</td> <td>17°5'</td> <td>3/4"</td> <td>11.2</td> <td>3/4"</td> <td>PICTALIC</td> <td>V-1106</td> <td>CONCEALED</td> <td>0</td> </tr> <tr> <td colspan="2">FP-13 - Area 500/600 - Mech Platform Piping Plan</td> <td></td> <td>WHITE</td> <td>17°5'</td> <td>3/4"</td> <td>11.2</td> <td>3/4"</td> <td>PICTALIC</td> <td>V-1106</td> <td>CONCEALED</td> <td>0</td> </tr> </tbody> </table>												SHEET INDEX		SPRINKLER SUMMARY										BY	SYM	TYPE	FINISH	TEMP	OPRIF.	"K"	NP	MANUF.	SN #	EXECUTION	QTY.	FP-1 - Site Plan / Cover Sheet			WHITE	17°5'	1 1/2"	5.6	1/2"	PICTALIC	V-3802	CONCEALED	0	FP-2 - Details			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0	FP-3 - Area 100 - First Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0	FP-4 - Area 200 - First Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0	FP-5 - Area 300 - First Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0	FP-6 - Area 400 - First Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0	FP-7 - Area 500/600 - First Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0	FP-8 - Area 100 - Second Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0	FP-9 - Area 200 - Second Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0	FP-10 - Area 300 - Second Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0	FP-11 - Area 400 - Second Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0	FP-12 - Area 500/600 - Second Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0	FP-13 - Area 500/600 - Mech Platform Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0
SHEET INDEX		SPRINKLER SUMMARY																																																																																																																																																																																															
BY	SYM	TYPE	FINISH	TEMP	OPRIF.	"K"	NP	MANUF.	SN #	EXECUTION	QTY.																																																																																																																																																																																						
FP-1 - Site Plan / Cover Sheet			WHITE	17°5'	1 1/2"	5.6	1/2"	PICTALIC	V-3802	CONCEALED	0																																																																																																																																																																																						
FP-2 - Details			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0																																																																																																																																																																																						
FP-3 - Area 100 - First Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0																																																																																																																																																																																						
FP-4 - Area 200 - First Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0																																																																																																																																																																																						
FP-5 - Area 300 - First Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0																																																																																																																																																																																						
FP-6 - Area 400 - First Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0																																																																																																																																																																																						
FP-7 - Area 500/600 - First Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0																																																																																																																																																																																						
FP-8 - Area 100 - Second Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0																																																																																																																																																																																						
FP-9 - Area 200 - Second Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0																																																																																																																																																																																						
FP-10 - Area 300 - Second Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0																																																																																																																																																																																						
FP-11 - Area 400 - Second Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0																																																																																																																																																																																						
FP-12 - Area 500/600 - Second Floor Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0																																																																																																																																																																																						
FP-13 - Area 500/600 - Mech Platform Piping Plan			WHITE	17°5'	3/4"	11.2	3/4"	PICTALIC	V-1106	CONCEALED	0																																																																																																																																																																																						
		<p>REVISIONS</p>																																																																																																																																																																																															
		<table border="1"> <thead> <tr> <th colspan="2">DESCRIPTION</th> <th>BY</th> <th>SYM</th> <th>TYPE</th> <th>FINISH</th> <th>TEMP</th> <th>OPRIF.</th> <th>"K"</th> <th>NP</th> <th>MANUF.</th> <th>SN #</th> <th>EXECUTION</th> <th>QTY.</th> </tr> </thead> <tbody> <tr> <td colspan="2">REVISED ENGINEER / ARCHITECT REVIEW</td> <td>KM</td> <td>(●)</td> <td>PENDENT</td> <td>WHITE</td> <td>17°5'</td> <td>1 1/2"</td> <td>5.6</td> <td>1/2"</td> <td>PICTALIC</td> <td>V-3802</td> <td>CONCEALED</td> <td>0</td> </tr> </tbody> </table>												DESCRIPTION		BY	SYM	TYPE	FINISH	TEMP	OPRIF.	"K"	NP	MANUF.	SN #	EXECUTION	QTY.	REVISED ENGINEER / ARCHITECT REVIEW		KM	(●)	PENDENT	WHITE	17°5'	1 1/2"	5.6	1/2"	PICTALIC	V-3802	CONCEALED	0																																																																																																																																																								
DESCRIPTION		BY	SYM	TYPE	FINISH	TEMP	OPRIF.	"K"	NP	MANUF.	SN #	EXECUTION	QTY.																																																																																																																																																																																				
REVISED ENGINEER / ARCHITECT REVIEW		KM	(●)	PENDENT	WHITE	17°5'	1 1/2"	5.6	1/2"	PICTALIC	V-3802	CONCEALED	0																																																																																																																																																																																				
		<p>APPROVING AGENCIES</p>																																																																																																																																																																																															
		<table border="1"> <thead> <tr> <th>#</th> <th>DATE</th> <th>APPROVING AUTHORITY</th> <th>ADDRESS</th> <th>CITY & STATE</th> <th>PHONE NO.</th> <th>FAX NO.</th> <th>WEBSITE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>11/1/25</td> <td>HARNETT COUNTY</td> <td>P.O. BOX 65</td> <td>LILLINGTON, NC 27546</td> <td>(910) 893-7525</td> <td>(910) 893-2793</td> <td>www.harnett.org</td> </tr> </tbody> </table>												#	DATE	APPROVING AUTHORITY	ADDRESS	CITY & STATE	PHONE NO.	FAX NO.	WEBSITE	1	11/1/25	HARNETT COUNTY	P.O. BOX 65	LILLINGTON, NC 27546	(910) 893-7525	(910) 893-2793	www.harnett.org																																																																																																																																																																				
#	DATE	APPROVING AUTHORITY	ADDRESS	CITY & STATE	PHONE NO.	FAX NO.	WEBSITE																																																																																																																																																																																										
1	11/1/25	HARNETT COUNTY	P.O. BOX 65	LILLINGTON, NC 27546	(910) 893-7525	(910) 893-2793	www.harnett.org																																																																																																																																																																																										
		<p>ADDITIONAL NOTES</p>																																																																																																																																																																																															
		<p>SEAL</p>																																																																																																																																																																																															
		<p>PHOENIX FIRE PROTECTION, INC.</p>																																																																																																																																																																																															
		<p>P.O. BOX 28 13628 LEAVENWELL SANFORD, NC 27332</p>																																																																																																																																																																																															
		<p>PHONE: (910) 893-7525 FAX: (910) 893-2793</p>																																																																																																																																																																																															
		<p>Area 500/600 - Mech Platform Piping Plan</p>																																																																																																																																																																																															
		<p>Flatwoods Middle School</p>																																																																																																																																																																																															
		<p>344 US 41 South</p>																																																																																																																																																																																															
		<p>Lillington, North Carolina</p>																																																																																																																																																																																															
		<p>Larry D. Taylor 11/1/25 DATE 11/1/25 SHEET 1 CHL BY: LARRY D. TAYLOR NICK LEVINE, C.R.T., 11/1/25 OF: 11/1/25</p>																																																																																																																																																																																															