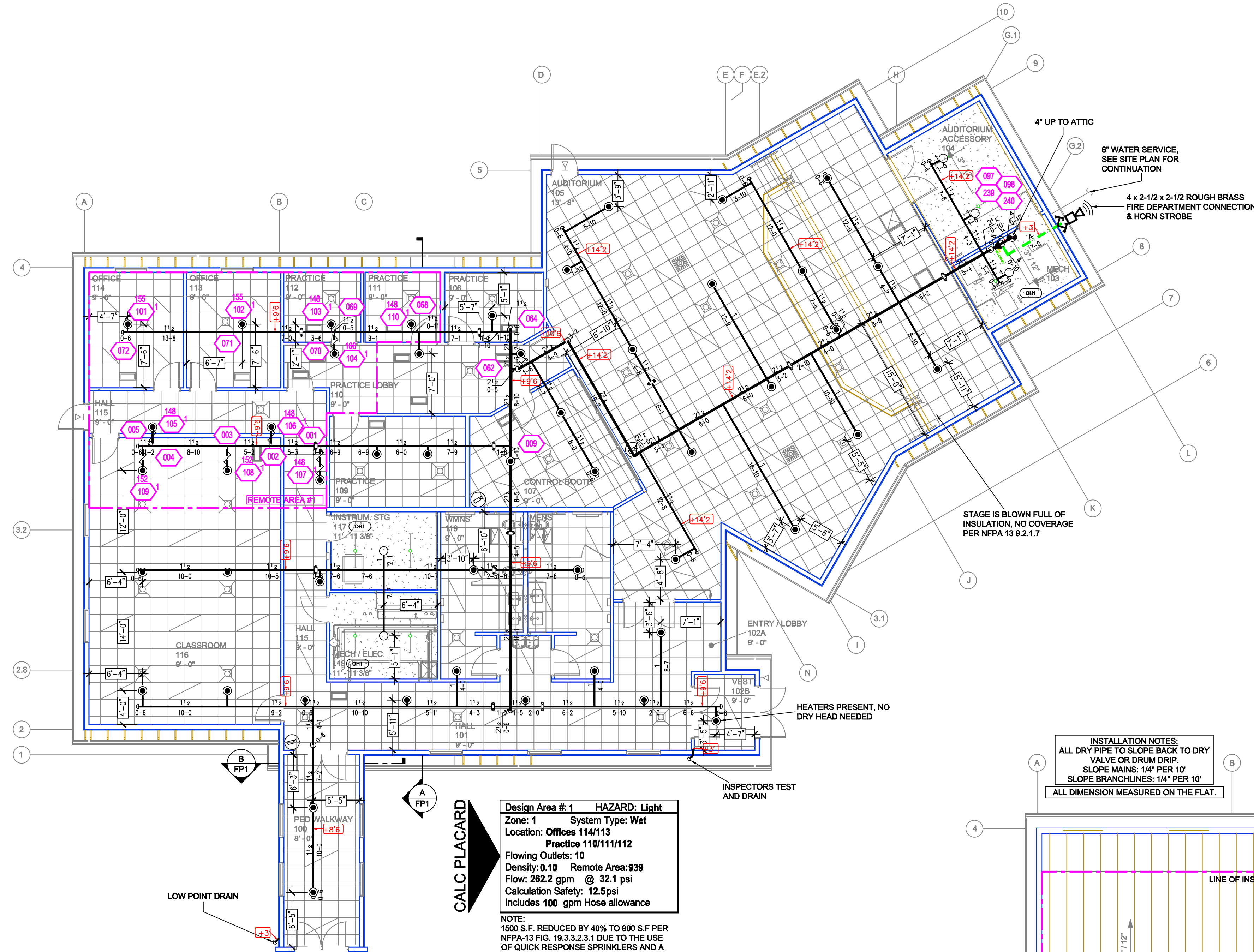


LEVEL 1 FIRE SPRINKLER PLAN

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



SPRINKLER HEAD LEGEND

SYM	QTY	POSITION	FINISH	TEMP	K	NPT	SIN	MFG.	MODEL#	ESCUTCHEON	MAX SPACING
50	PENDENT	CHROME	200	5.60	1/2"	RA1414	RELIABLE	F1FR56	SEMI-RECESSED	15x15"	
5	UPRIGHT	BRASS	200	5.60	1/2"	RA1425	RELIABLE	F1FR56	N/A	15x15" LH, 130 SQFT OH	
26	SPRIG	BRASS	212	5.60	1/2"	RA5625	RELIABLE	DS56	N/A	6x30"	
6	SPRIG	BRASS	200	5.60	1/2"	RA1425	RELIABLE	F1FR56	N/A	120 SQFT	
10	UPRIGHT	BRASS	212	8.00	3/4"	RA5692	RELIABLE	DD80-27	N/A	6x40"	
3	SPRIG	BRASS	212	5.60	1/2"	RA4454	RELIABLE	KFR-CCS	N/A	120 SQFT	
100	TOTAL SPK.										

PIPE LEGEND

BLACK STEEL FIRE SPRINKLER PIPING
FIRE SPRINKLER FDC PIPING

INSTALLATION NOTES:
ALL DRY PIPE TO SLOPE BACK TO DRY VALVE OR DRUM DRIP.
SLOPE MAINS: 1/4" PER 10'
SLOPE BRANCHLINES: 1/4" PER 10'
ALL DIMENSION MEASURED ON THE FLAT.

DRAFT CURTAIN TO BE INSTALLED ALONG RIDGE BY GC

CALC PLACARD

Design Area # 3 HAZARD: Light
Zone: 2 System Type: Dry
Location: North Attic
Flowing Outlets: 9
Density: 0.10 Remote Area: 405
Flow: 308.0 gpm @ 39.0 psi
Calculation Safety: 5.4 psi
Includes 100 gpm Hose allowance
NOTE:
MOST DEMANDING NINE MODEL DS56 SPRINKLER HEADS

Design Area # 2 HAZARD: Light
Zone: 2 System Type: Dry
Location: Southeast Attic
Flowing Outlets: 9
Density: 0.10 Remote Area: 922
Flow: 348.6 gpm @ 38.6 psi
Calculation Safety: 5.7 psi
Includes 100 gpm Hose allowance
NOTE:
MOST DEMANDING SEVEN MODEL DD80-27 SPRINKLER HEADS AT RIDGE AND TWO STANDARD SPRAY SPRINKLER HEADS IN DORMER

ATTIC FIRE SPRINKLER PLAN

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

TRINITY BIBLE COLLEGE

50 6TH AVE. SOUTH
ELLENDALE, ND 58546

DRAWING TITLE:

PROJECT NO:

DRAWN BY:

PRINT NO:

DATE:

APPROVED BY:

SYMBOL LEGEND

REVISIONS	DATE	DESCRIPTION
		HYDRAULIC REFERENCE POINTS
		PIPE ELEVATION
		CEILING HEIGHT ABOVE FLOOR
		HANGER LOCATION AND TYPE
		COUPLING
		PIPE RISER
		PIPE DROP
		SYSTEM RISER

SPRINKLER LEGEND

SYMBOL	DESCRIPTION
	RA1414 Reliable
	F1FR56 Reliable
	DS56 Reliable
	DD80-27 Reliable
	KFR-CCS Reliable

SYSTEM INFORMATION

OCCUPANCY:	A3 & B1 CONSTRUCTION TYPE:	VI DESIGN:	NFPA 13, 2019
SYSTEM #:	Wet and Dry	VALVE SIZE:	20050FT
SYSTEM TYPE:	4	SPRINKLERS:	102
PIPE SCHEDULE	Steel		