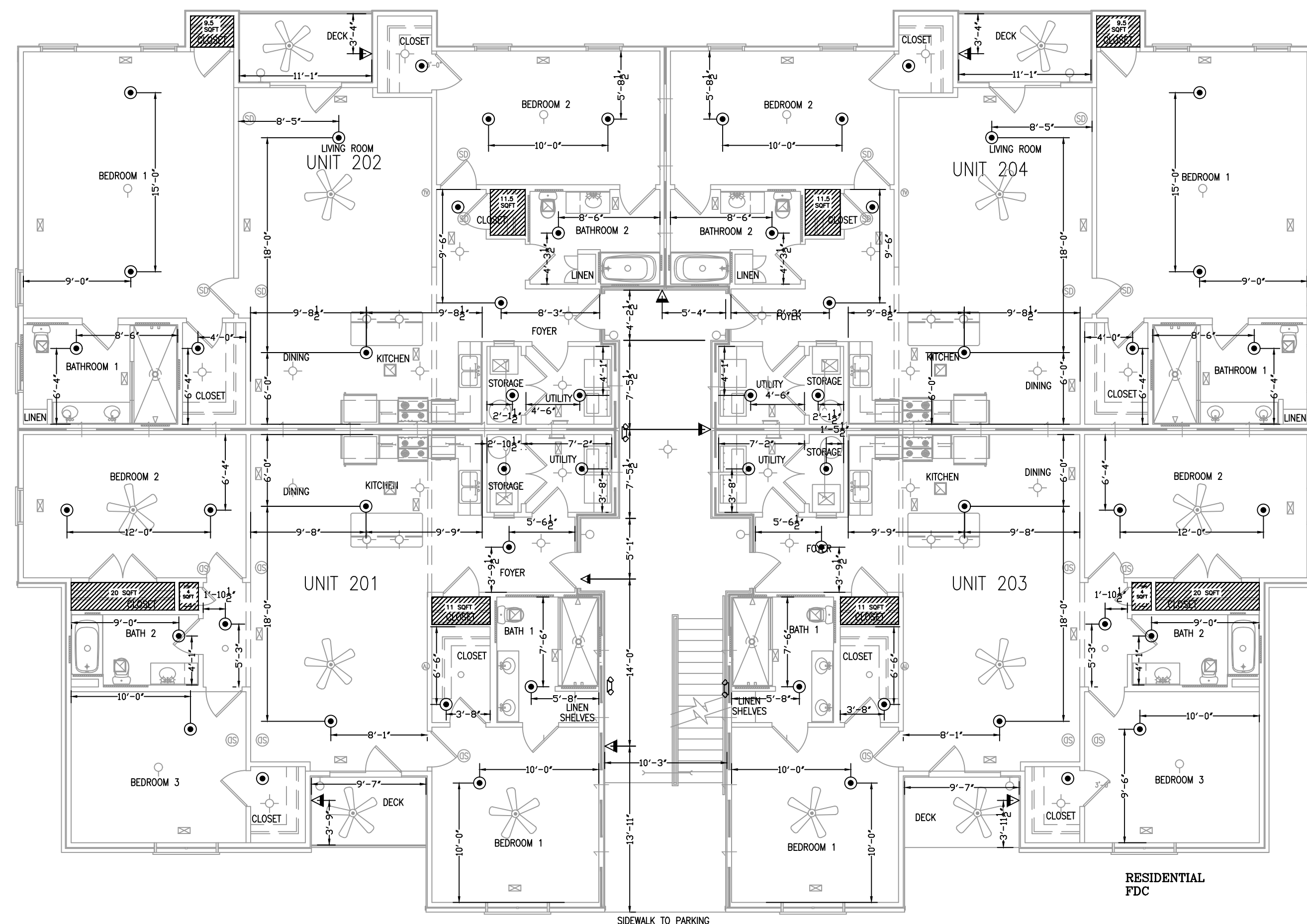


2ND FLOOR PIPING PLAN
1/8"=1'-0"



2ND FLOOR REFLECTED CEILING PLAN
1/8"=1'-0"

SPRINKLER SUMMARY											
SYM	TYPE	FINISH	TEMP	ORIF.	"K"	NPT	MANUF.	SIN#	ESCUTCHEON	QTY.	
⊗	QR PENDENT	WHITE	175°	1/2"	5.6K	1/2"	VIKING	VK3021	SEMI-RECESSED	0	
⊙	QR RES. PENDENT	WHITE	175°	1/2"	4.9K	1/2"	VIKING	VK468	SEMI-RECESSED	56	
△	QR DRY SIDEWALL	CHROME	155°	1/2"	5.6K	1/2"	VIKING	VK178	ADJ. STANDARD	8	
◻	QR RES. SIDEWALL	WHITE	175°	1/2"	4.2	1/2"	VIKING	VK484	SEMI-RECESSED	0	
										0	
										0	
										0	
										0	
										0	
TOTAL SPRINKLERS THIS PROJECT							177	TOTAL SPRINKLERS THIS DRAWING			64

SPRINKLER LEGEND
 NO HEADS REQUIRED
 REMOTE AREA

I HAVE REVIEWED THESE PLANS AND CERTIFY THAT THEY COMPLY WITH THE ADOPTED NFPA STANDARDS.

 JEANNETTE R. BARTH, SET
 LEVEL IV - WATER-BASED SYSTEMS LAYOUT
 NICET #122591 | NC LICENSE #435920
 SUMMIT FIRE & SECURITY
 NORTH CAROLINA STATE LICENSE #29733

160 HERITAGE COMMERCE COURT
 WAKE FOREST, NC 27580
 PHONE 919/653/5001

SUMMIT FIRE & SECURITY
 ENGINEERING & CONSULTING
 INSTALLATION
 INSPECTION & TESTING
 SERVICE & MAINTENANCE

DATE: 9/14/23
 DRAWN BY: J. BURROWS
 SCALE: AS NOTED

PROJECT: LEVEL 2 PIPING AND RCP
 DRAWING #: 3 OF 4
 FAIRWAY POINTE BLDG 13
 200 GALLERY DR
 SPRING LAKE, NC 28390

GRAPHIC SCALE: 1/8" = 1'-0"
 REVISIONS
 BY: JHB
 DATE: 9/14/23
 SUBMITTED TO: AHI

GENERAL NOTES

- Fire Protection: The contractor shall be responsible for the design and installation of the fire protection system in accordance with the applicable codes and standards.
- N.C. Protection: The contractor is responsible for all decisions regarding the protection of the fire protection system.
- Coordination: The contractor shall coordinate with the other trades to ensure proper installation of the fire protection system.
- Underground: The contractor shall ensure that all underground piping is installed in accordance with the applicable codes and standards.
- Material: The contractor shall use the materials specified in the drawings and shall be responsible for the quality of the materials.
- Testing: The contractor shall perform all required testing of the fire protection system in accordance with the applicable codes and standards.
- Documentation: The contractor shall provide all required documentation for the fire protection system.

SYSTEM DESIGN CRITERIA

TYPE SYSTEM: DWY DELUCE NFPA STANDARD: 10 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120

HAZARD: RESIDENTIAL INDUSTRIAL HAZARDOUS HIGHLY HAZARDOUS

ACCURACY: SEE FPD. CALC. LOCAL HOPE THREADS. N.S.T.

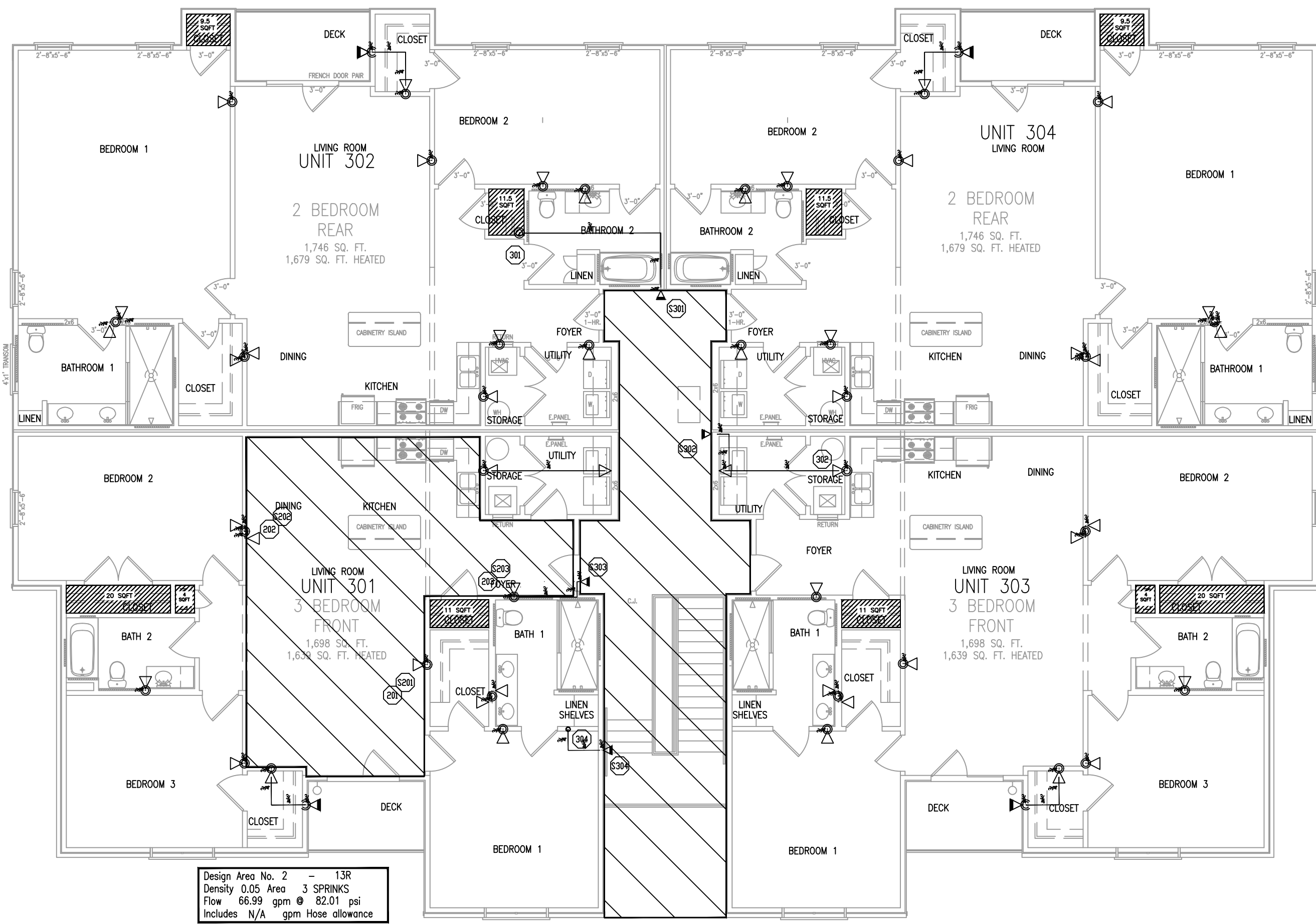
MAXIMUM SPACING: SEE FPD. CALC. LOCAL HOPE THREADS. N.S.T.

SPRINKLERS: ARE REQUIRED TO BE LOCATED IN THE CENTER OF THE CEILING TILES.

PIPE TYPES AND FITTING TYPES: PIPE FITTINGS: CPVC LINE FITTINGS: CPVC MAIN FITTINGS: CPVC

APPROVING AGENCIES

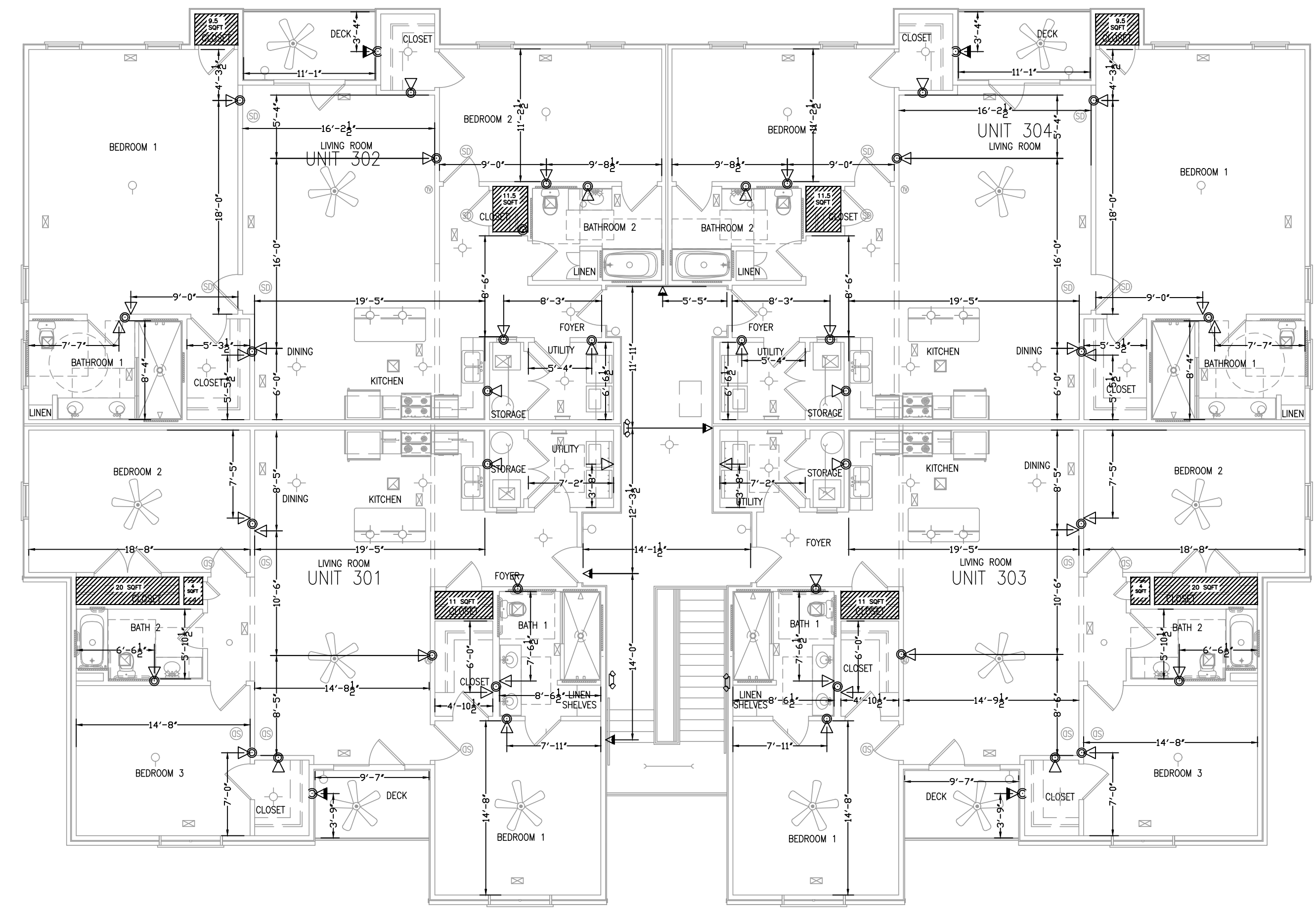
APPROVING AUTHORITY: HARNETT COUNTY
 UNDERWRITER: N/A
 GENERAL CONTRACTOR: H&H CONTRACTORS INC
 ADDRESS: 2819 BREEZWOOD AVE STE 100
 CITY & STATE: FAYETTEVILLE, NC 28303
 PHONE NO.: 910-680-2425
 FAX NO.: N/A



Design Area No. 2 - 13R
 Density 0.05 Area 3 SPRINKS
 Flow 66.99 gpm @ 82.01 psi
 Includes N/A gpm Hose allowance
 SAFETY FACTOR: 36.79 PSI

Design Area No. 3 - LH
 Density 0.1 Area 4 SPRINK
 Flow 67.20 gpm @ 52.30 psi
 Includes N/A gpm Hose allowance
 SAFETY FACTOR: 66.49 PSI

3RD FLOOR PIPING PLAN
 1/8"-1'-0"



3RD FLOOR REFLECTED CEILING PLAN
 1/8"-1'-0"

SPRINKLER SUMMARY											
SYM	TYPE	FINISH	TEMP	ORIF.	"K"	NPT	MANUF.	SIN#	ESCUTCHEON	QTY.	
⊗	QR PENDENT	WHITE	175°	1/2"	5.6K	1/2"	VIKING	VK3021	SEMI-RECESSED	0	
⊙	QR RES. PENDENT	WHITE	175°	1/2"	4.9K	1/2"	VIKING	VK468	SEMI-RECESSED	0	
△	QR DRY SIDEWALL	CHROME	155°	1/2"	5.6K	1/2"	VIKING	VK178	ADJ. STANDARD	9	
□	QR RES. SIDEWALL	WHITE	175°	1/2"	4.2	1/2"	VIKING	VK484	SEMI-RECESSED	50	
										0	
										0	
										0	
										0	
										0	
										0	
TOTAL SPRINKLERS THIS PROJECT									177	TOTAL SPRINKLERS THIS DRAWING	59

SPRINKLER LEGEND
 [Symbol] NO HEADS REQUIRED
 [Symbol] REMOTE AREA

I HAVE REVIEWED THESE PLANS AND CERTIFY THAT THEY COMPLY WITH THE ADOPTED NFPA STANDARDS.

 JEANNETTE R. BARTH, SET
 LEVEL IV - WATER-BASED SYSTEMS LAYOUT
 NICET #122591 | NC LICENSE #435920
 SUMMIT FIRE & SECURITY
 NORTH CAROLINA STATE LICENSE #29733

ENGINEERING & CONSULTING SUMMIT FIRE & SECURITY 160 HERITAGE COMMERCE COURT WAKE FOREST, NC 27586 PHONE (919) 551-5101		APPROVING AGENCIES APPROVING AUTHORITY: HARNETT COUNTY UNDERWRITER: N/A GENERAL CONTRACTOR: H&H CONTRACTORS INC ADDRESS: 2819 BREEZWOOD AVE STE 100 FAYETTEVILLE, NC 28303 CITY & STATE: FAYETTEVILLE, NC 28303 PHONE NO.: 910-680-2425 FAX NO.: N/A	
GENERAL NOTES: 1. Fire Protection: The contractor shall be responsible for obtaining all permits and for the proper installation and maintenance of all fire protection systems. 2. M.C. Protection: The owner is responsible for all decisions regarding protection of the building and its contents. 3. Coordination: All trades shall coordinate with the fire protection contractor to ensure proper installation and operation of all fire protection systems. 4. Underpinning: Underpinning shall be provided to support the structure of the building and shall be installed in accordance with the manufacturer's instructions. 5. This drawing is the property of Summit Fire & Security and is not to be duplicated or used for any other project without the written consent of Summit Fire & Security. 6. Materials and workmanship shall be in accordance with the manufacturer's instructions and shall be subject to inspection and approval by the authority having jurisdiction.		SYSTEM DESIGN CRITERIA: TYPE SYSTEM: WET DEFERENCE: NONE OCCURRANCE: RESIDENTIAL - IFR HAZARD: RESIDENTIAL MAXIMUM SPACING: SEE IFRD. CALC. SPRINKLERS: ARE REQUIRED TO BE LOCATED IN THE CENTER OF THE CEILING TILES. PIPE TYPES AND FITTING TYPES: LINE FITTING: CPVC MAIN FITTING: CPVC	
DATE: 09/14/23 DRAWN BY: J. BURROWS SCALE: AS NOTED		DRAWING #: 4 OF 4	