





July 24
11:36 AM



Edit

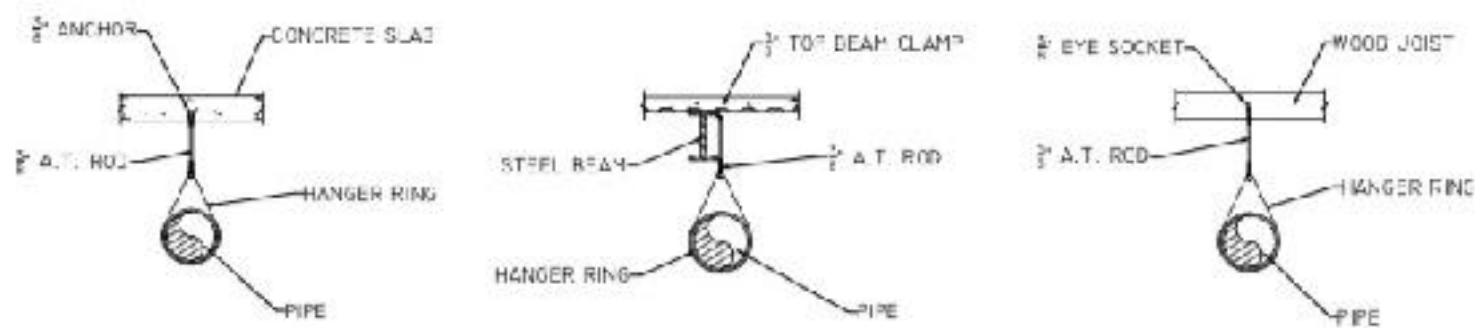
depth: 65'-2" + Brick

width: 97'-6" + Brick

MAIN LEVEL FLOOR PLAN

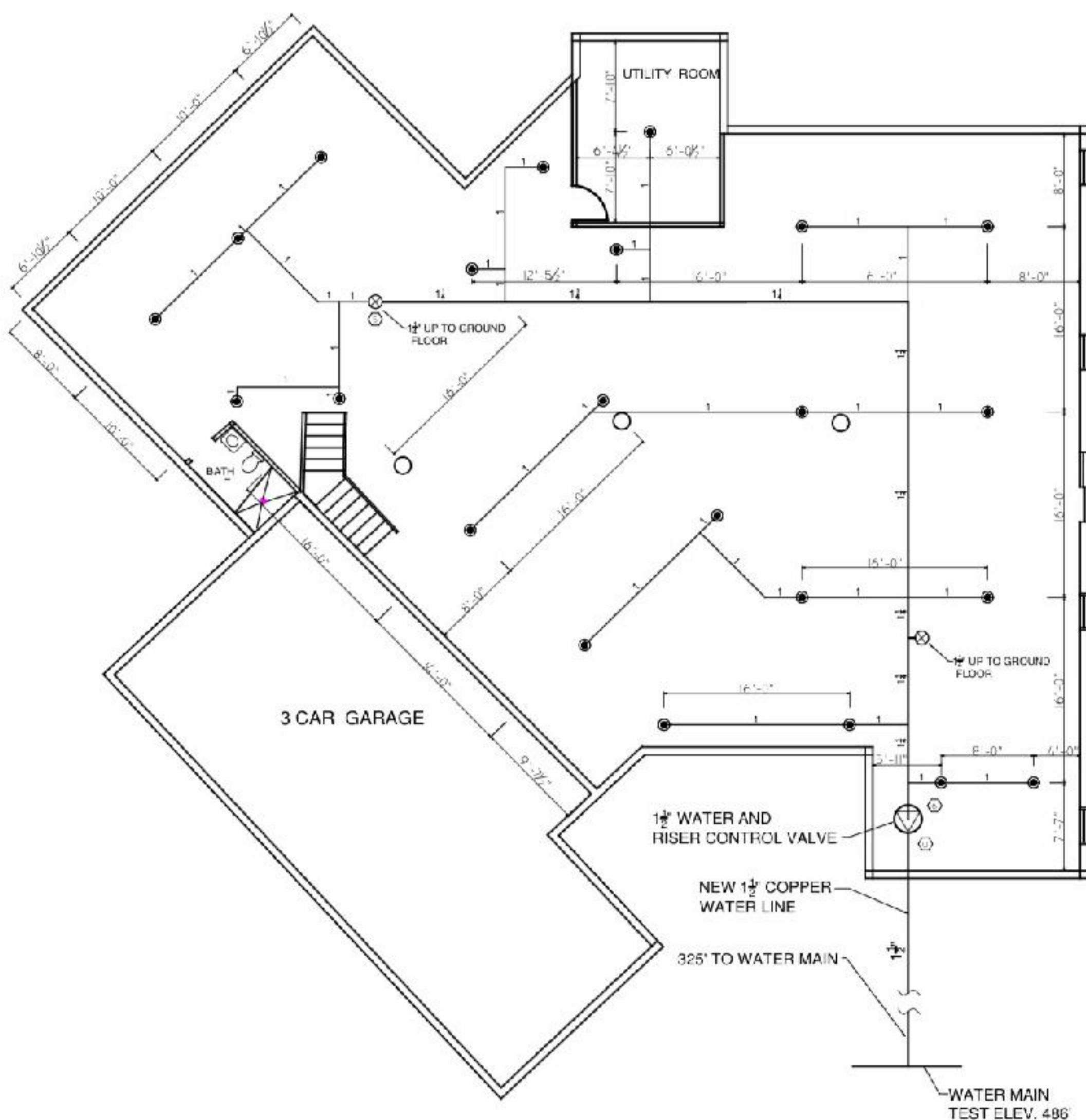






HANGER DETAIL

N.T.S.



BASEMENT PLAN

1/8" = 1'-0"

SYSTEM DESIGN

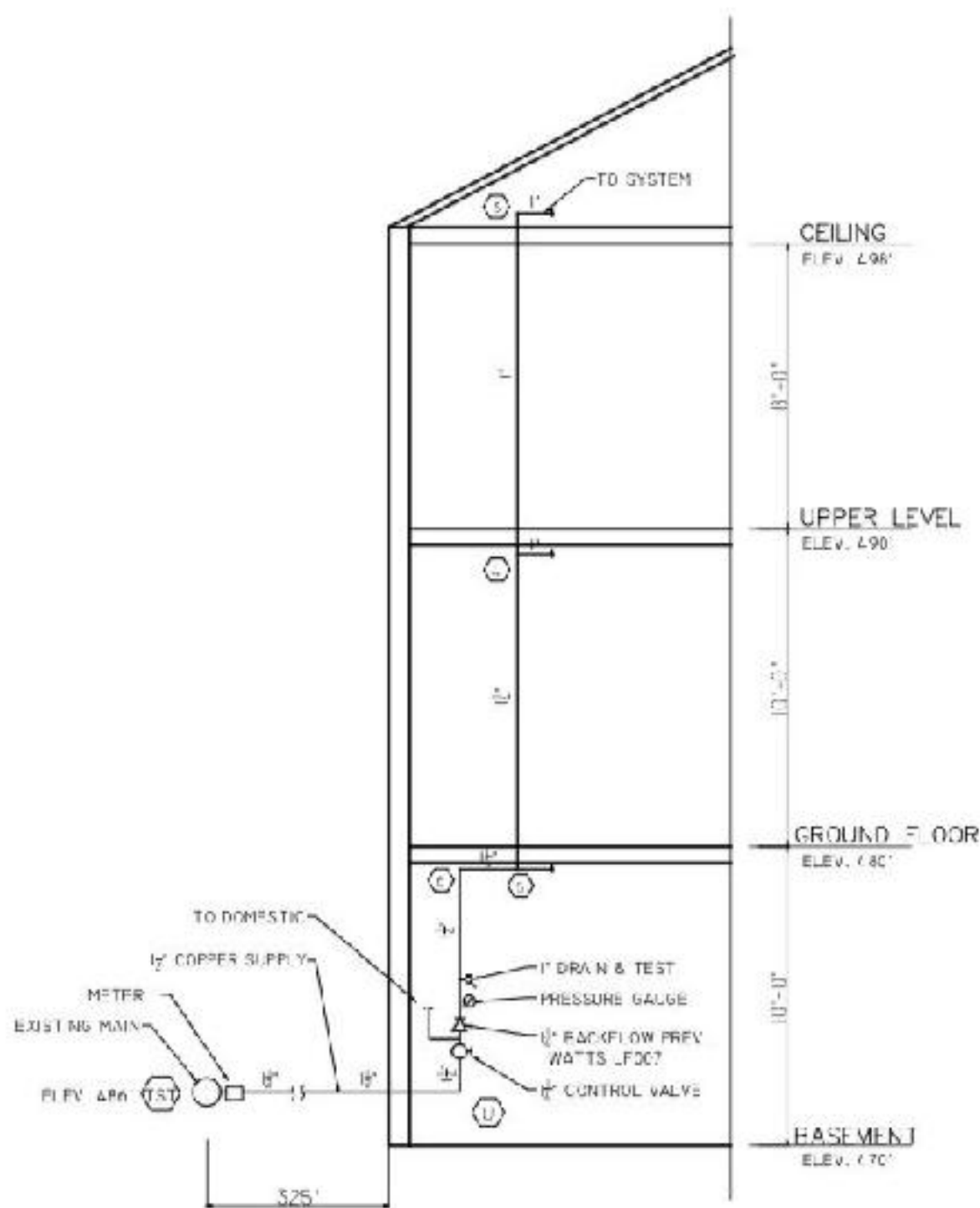
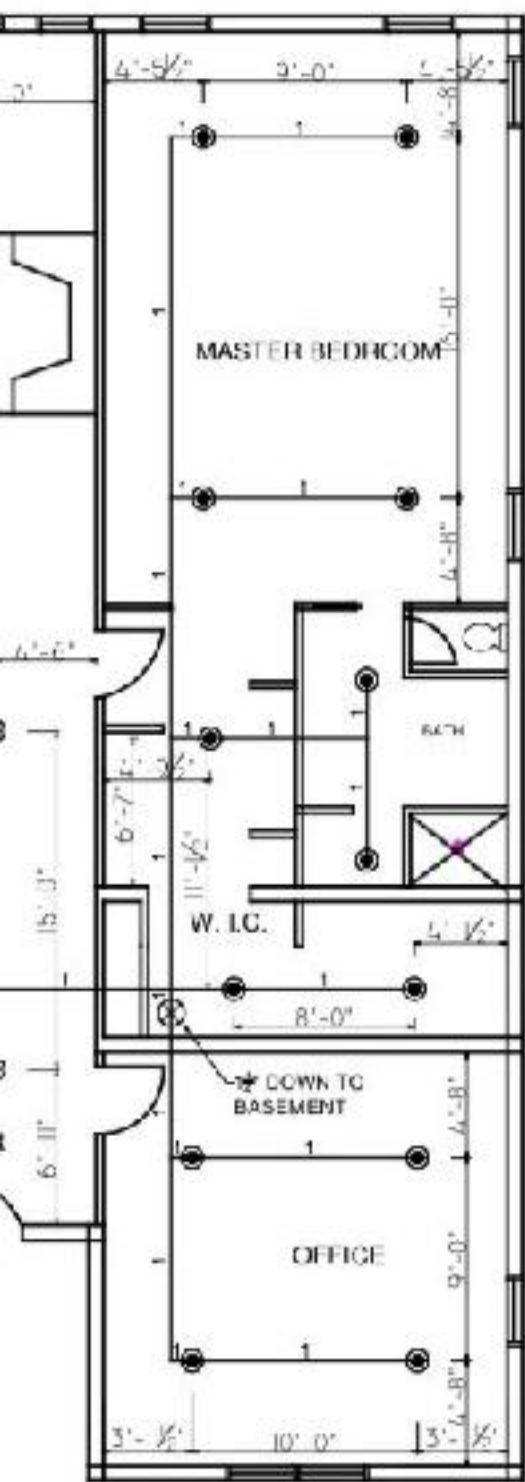
THE SYSTEM DESIGN IS BASED ON THE UPPER LEVEL REMOTE 2 SPRINKLERS FLOWING
 THE SPRINKLER SPACING IS 16' x 6' (256 SQ. FT.)
 SPRINKLER MINIMUM FLOW AND PRESSURE REQUIREMENTS: 13 GPM @ 7 PSI
 SYSTEM DEMAND: 26.3 GPM @ 41.5 PSI SAFETY FACTOR: 9.5 PSI
 WATER TEST DATA: TEST DATE: 3/8/24, STATIC PRESSURE: 51 PSI, RESIDUE PRESSURE: 45 PSI, FLOW: 1537 GPM

GENERAL NOTES

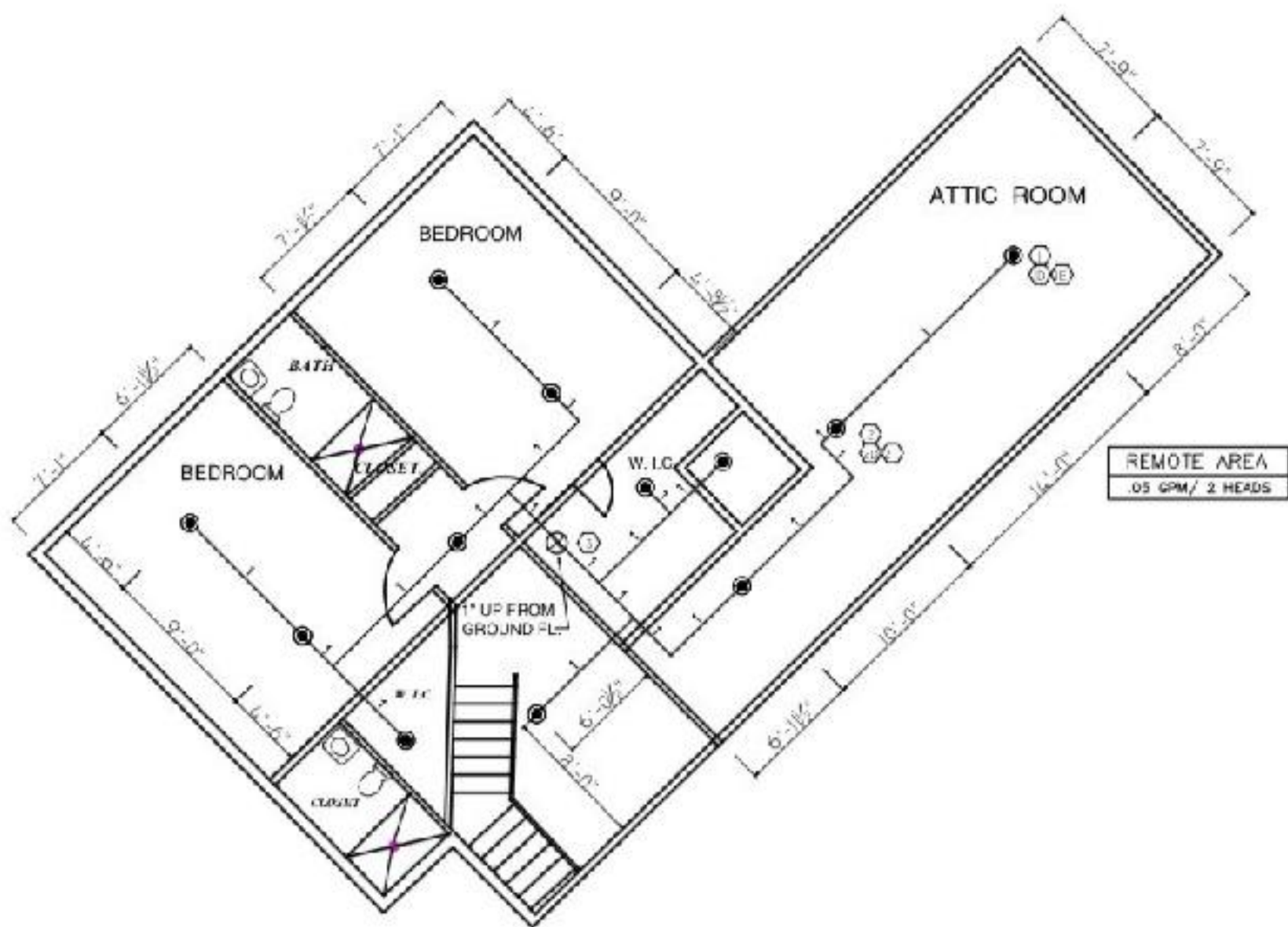
- 1) SCOPE OF WORK IS TO INSTALL IN A TWO STORY SINGLE FAMILY
- 2) ALL NEW WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NFPA 904
- 3) ALL AREAS OF WORK ARE LIGHTLY GRADED
- 4) ALL PIPING AND FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NFPA 904
- 5) ALL HANGERS SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NFPA 904
- 6) IT IS THE OWNERS RESPONSIBILITY TO MAINTAIN TEMPERATURES BELOW 40 DEGR
- 7) PIPING SHALL BE INSULATED BY THE OWNER
- 8) "O" - DENOTES HYDRAULIC REPAIR



GRAPHIC BAR SCALE 1/8" = 1'-0"



BUILDING / RISER DIAGRAM
1/8" = 1'-0"



UPPER LEVEL PLAN
1/8" = 1'-0"

SPRINKLER LEGEND						
TYPE	ORIF.	TEMP.	MANUFACTURER & MODEL	FINISH	QUANTITY	SPACING
ALL DEPENDENT	1/2"	155	VICTAULIC V1906	WHITE	70	16'x16'
	1/2"					
	1/2"					
	1/2"					
	1/2"					
	1/2"					
	1/2"					
	1/2"					
	1/2"					

NO.	REVISION	DATE

DONALD ZOTCAVAGE
 NICET LEVEL IV
 FIRE PROTECTION ENGINEERING TECHNOLOGY
 WATER-BASED SYSTEMS LAYOUT
 CERTIFICATION NO. 55540
 ISSUED DEC. 1, 2024
 SPRINKLER CONTRACTORS LLC # MDC-112 (EXP. 12/31/26)

PROJECT:		DATE:
MITCHELL RESIDENCE		5/18/24
8325 GROVE ROAD, ELLICOTT CITY, MD 21043		SCALE:
		1/8" = 1'-0"
DESCRIPTION:		DRAWN BY:
AUTOMATIC SPRINKLER PLAN		D. ZOTCAVAGE
		APPROVED BY:
		OWNER
RIDGEWAY ENTERPRISES		CONTRACT #
12514 KENSINGTON LANE, BOWIE, MARYLAND 20715		1715
PHONE 210-375-8003		DRAWING #
		1 OF 1

