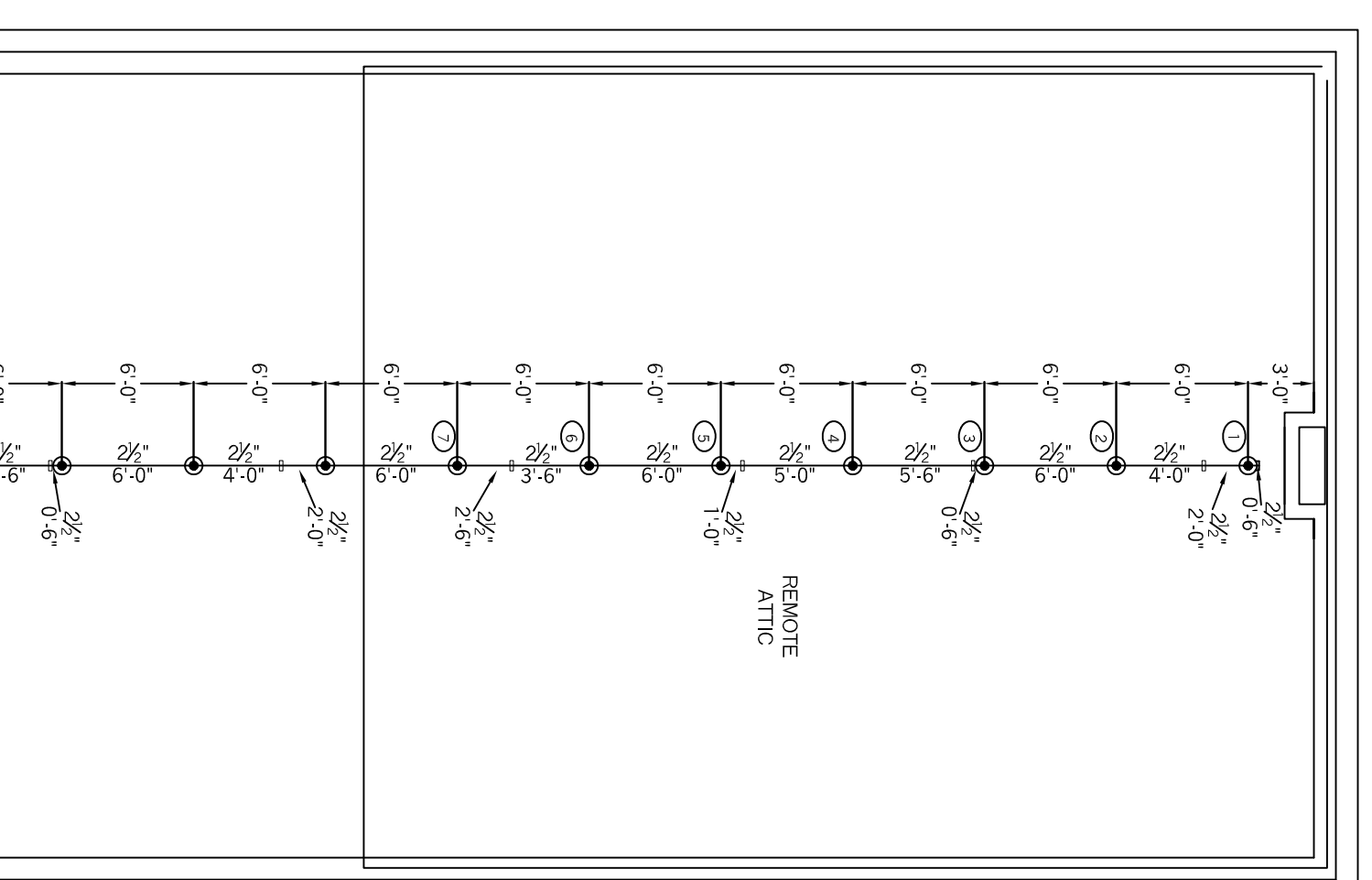
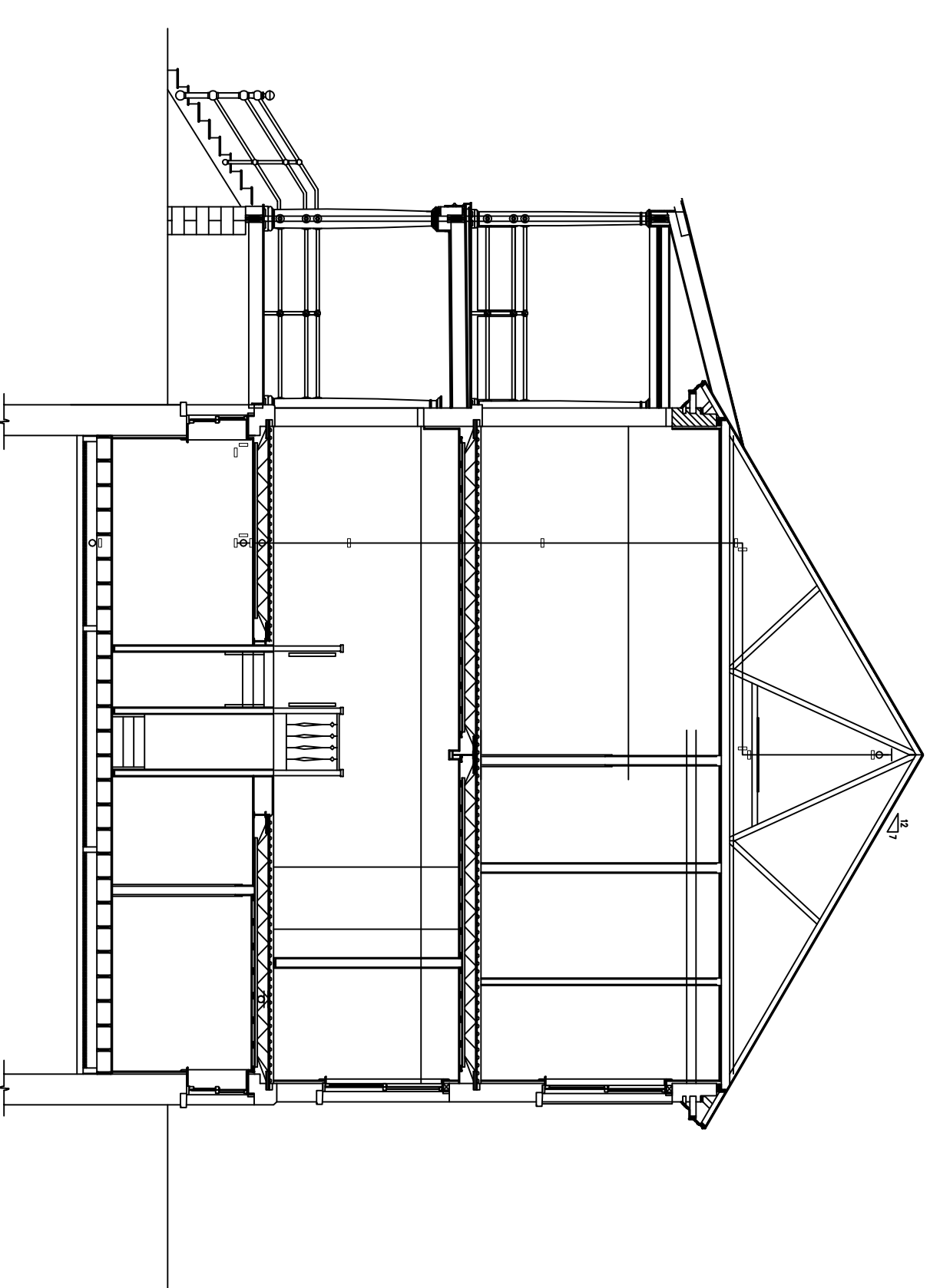
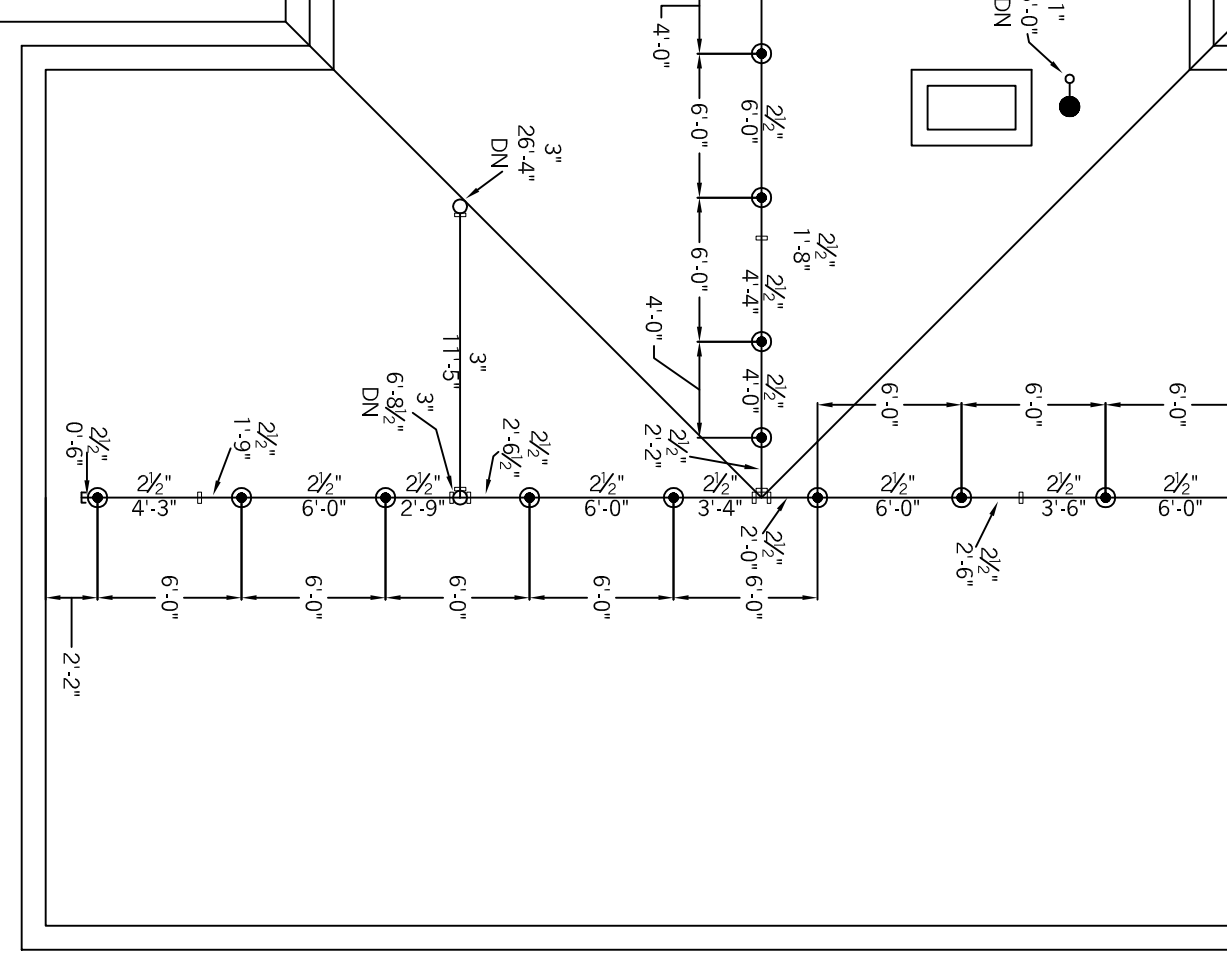
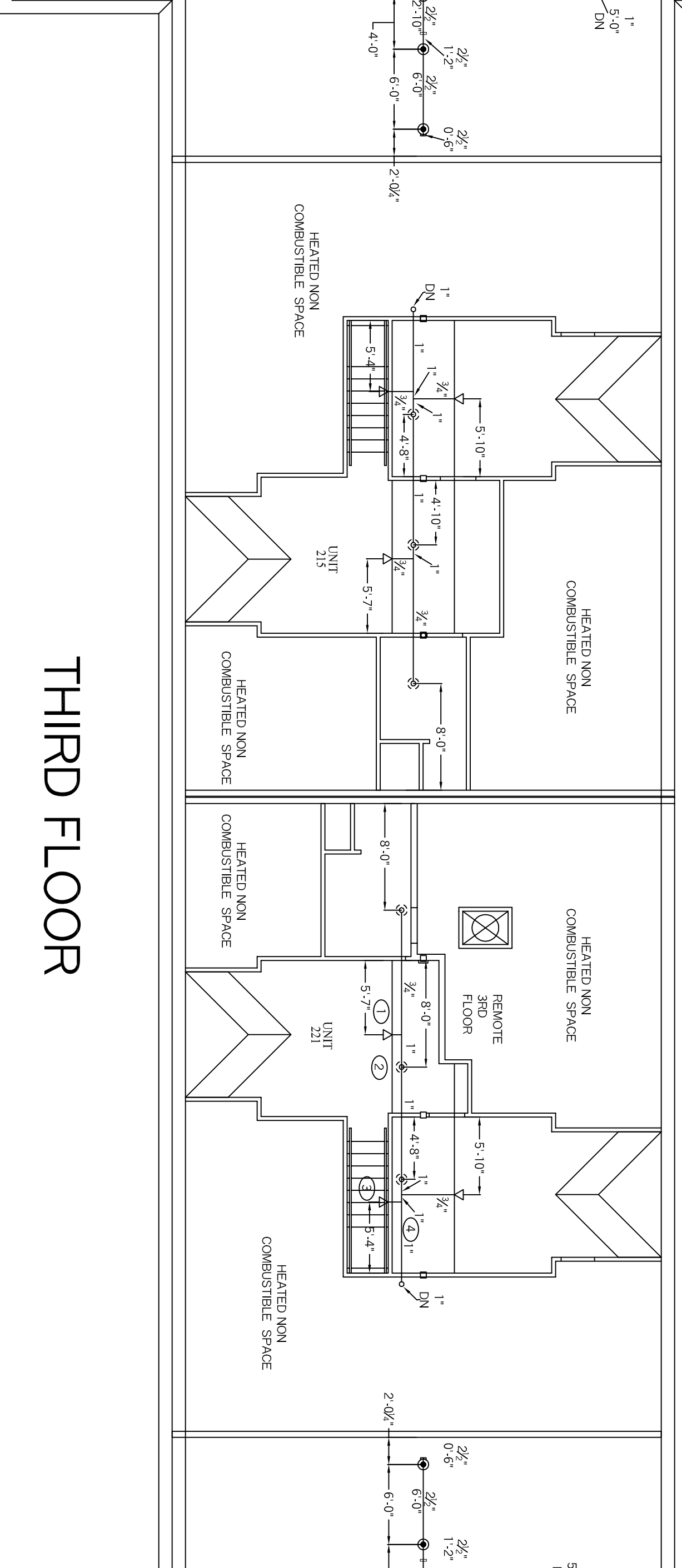
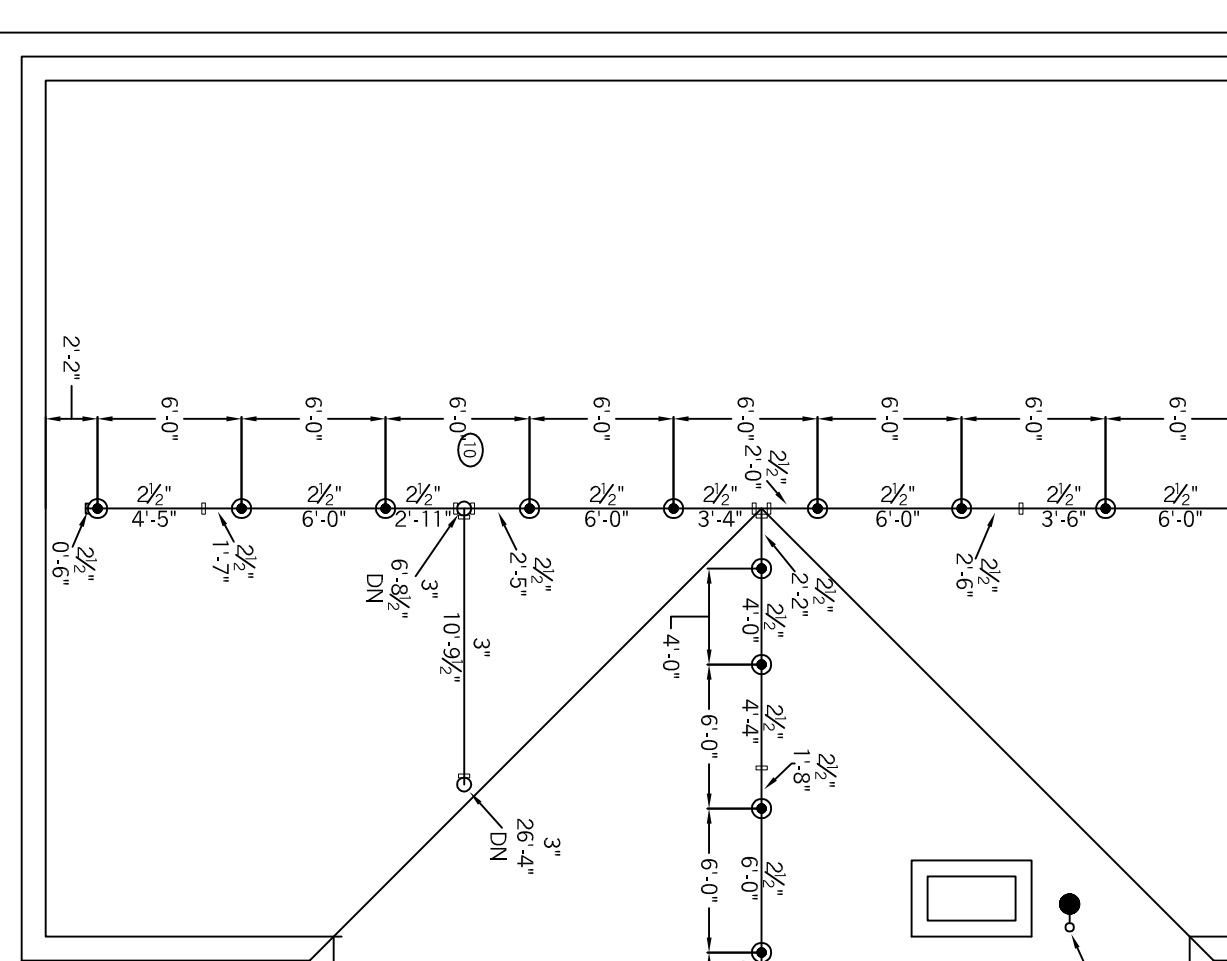


HYDRAULIC DATA:
 ATTIC
 BASIS OF DESIGN NFPA 13
 DENSITY AREA OF COVERAGE
 .1 7 HEADS
 TOTAL THREAD TEMP
 SPRINKLERS 7 3/4" 200
 SYSTEM DEMAND AT PUMP OUTLET:
 PRESSURE FLOW HOSE
 59.311 276,242 100
 SAFETY MARGIN: 9.105
 OCCUPANCY: UNOCCUPIED



HYDRAULIC DATA:
 THIRD FLOOR 4-HEAD DWELLING
 BASIS OF DESIGN NFPA 13R
 DENSITY AREA OF COVERAGE
 .1 3 SPRINKLERS
 TOTAL THREAD TEMP
 SPRINKLERS 3 1/2" 155
 SYSTEM DEMAND AT PUMP OUTLET:
 PRESSURE FLOW HOSE
 50.481 142,746 100
 SAFETY MARGIN: 26.809
 OCCUPANCY: RESIDENTIAL



- LEGEND
- ▽ 155F RES 1/2" WHITE SIDEWALL
 - 155F OR 1/2 BRASS PENDENT
 - 155F OR 1/2 BRASS UPRIGHT
 - ⊗ 155F RES 1/2" WHITE RECESSED PENDENT
 - ⊕ 155F OR 1/2" WHITE RECESSED PENDENT
 - HANGER
 - RISE OR DROP NIPPLE
 - VCTAULIC COUPLING

- GENERAL NOTES
- FF k=XX FIN FLR TO CENTERLINE OF PIPE
 - C k=XX CEILING TO CENTERLINE OF PIPE
 - TJ k=TOP OF JOIST TO CENTERLINE OF PIPE
 - BU k=BOTTOM OF JOIST TO CENTERLINE OF PIPE
 - BB k=BOTTOM OF BEAM TO CENTERLINE OF PIPE
 - ELEV k=OVL ELEVATION OF CENTERLINE OF PIPE

- GENERAL NOTES
- ALL DIMENSIONS ARE CENTER TO CENTER U/N
 - ALL THREADED PIPE TO BE SCH. 40 BLACK STEEL
 - ALL SCREWED FITTINGS TO BE STD. WT. C.I. BLACK U/N
 - ALL GROOVED PIPE TO BE SCH. 10 BLACK STEEL
 - ALL OTHER PIPING TO BE CPVC PLASTIC
 - ALL OTHER FITTINGS TO BE CPVC PLASTIC
 - DRY SYSTEM CAPACITY IS 343 GALLONS

- SYSTEM DESIGN
- 52 TYCO BB1
 - 200F ATTIC UPRIGHTS
1/2"x1/2" K=5.6
 - 2 VIKING VK300
OR BRASS UPRIGHTS
1/2"x1/2" K=5.6
 - 6 VIKING VK386
RESIDENTIAL CONCEALED SIDEWALLS
1/2"x1/2" K=5.6
 - 6 VIKING VK456
RESIDENTIAL CONCEALED PENDANTS
1/2"x1/2" K=4.9

SYSTEM DESIGN
 A WET AND DRY PIPE SYSTEM OF AUTOMATIC SPRINKLERS TO BE
 DESIGNED AND INSTALLED PER NFPA 13R
 ALL SPRINKLERS TO BE BASED ON LIGHT HAZARD
 MANUAL WET CLASS I STANDPIPE DESIGNED AND INTSALLED PER NFPA 14

REVISION NUMBER	DATE	SUBMITTED BY	TITLE
	07-20-14	DAI	INN AT DIAMOND COVE
	07-21-14	DAI	MCKINLEY COURT
	07-24-14	SCD	GREAT DIAMOND ISLAND
			PORTLAND, MAINE

RESIDENTIAL FIRE
 PHONE (607) 946-3473 FAX (607) 946-3474
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 PROTECTION, LLC

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