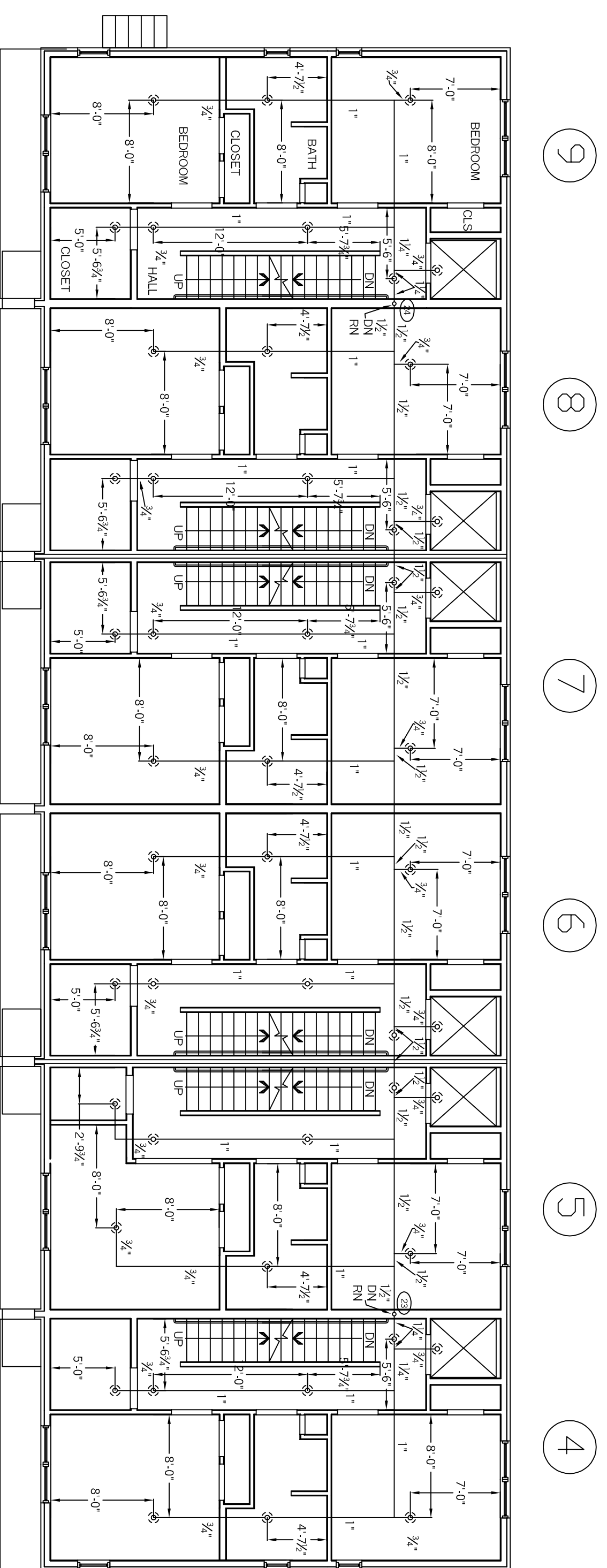
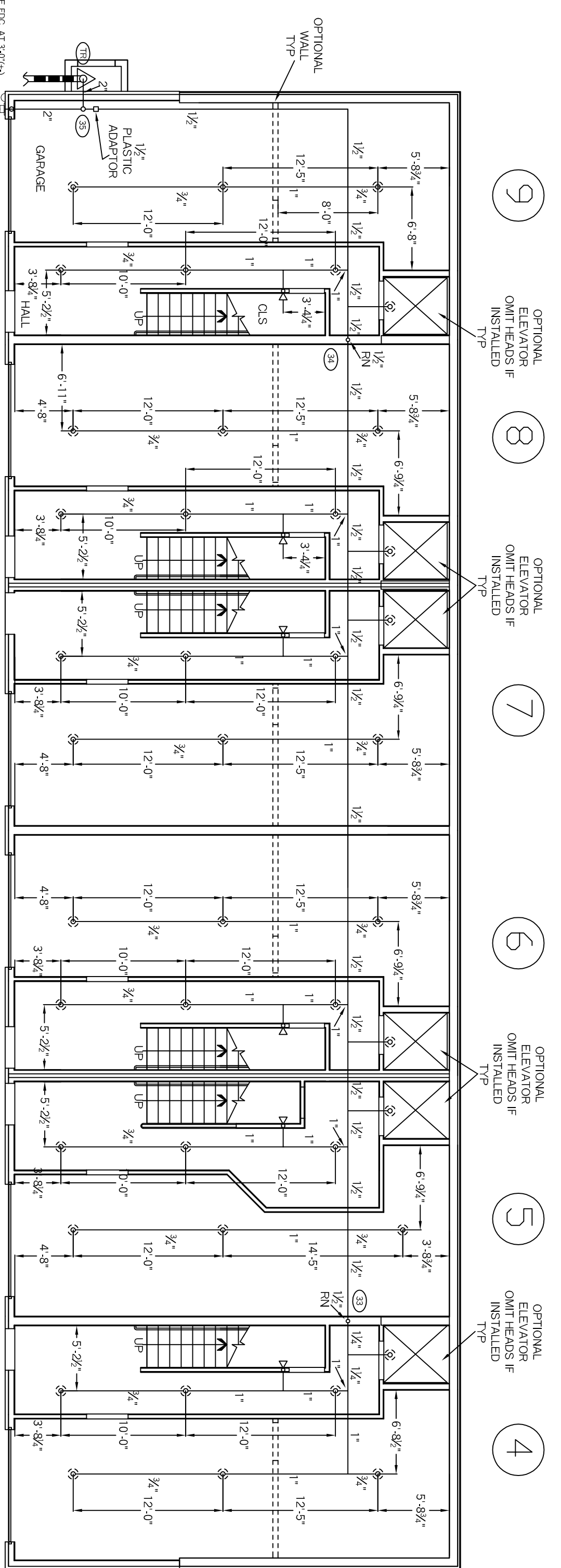


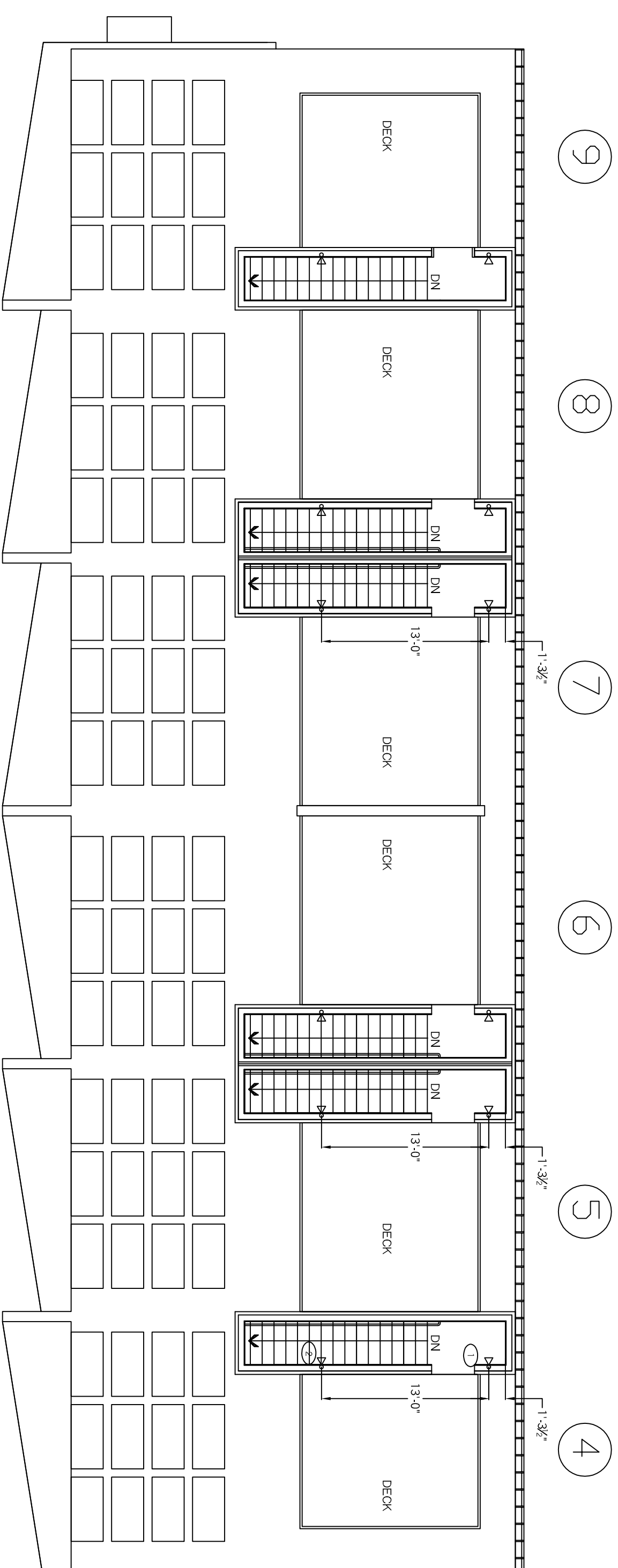
SECOND FLOOR



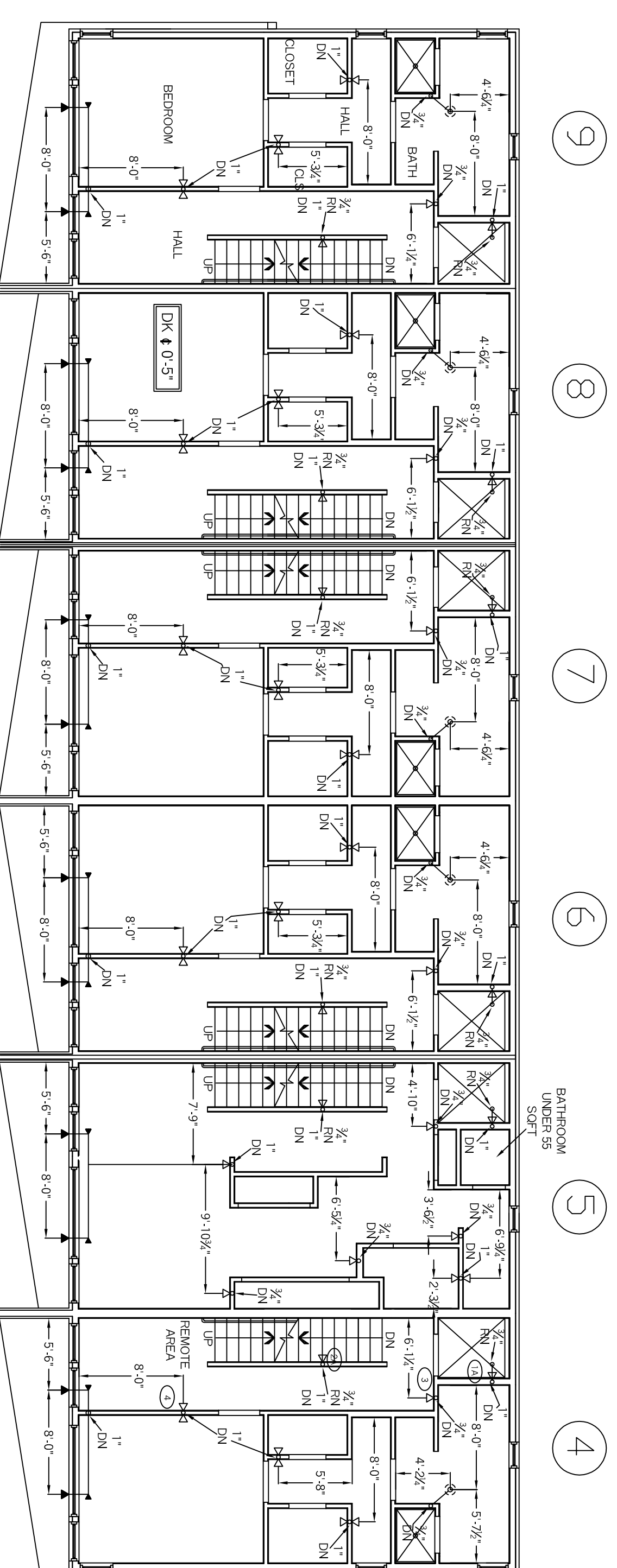
FIRST FLOOR



GROUND FLOOR

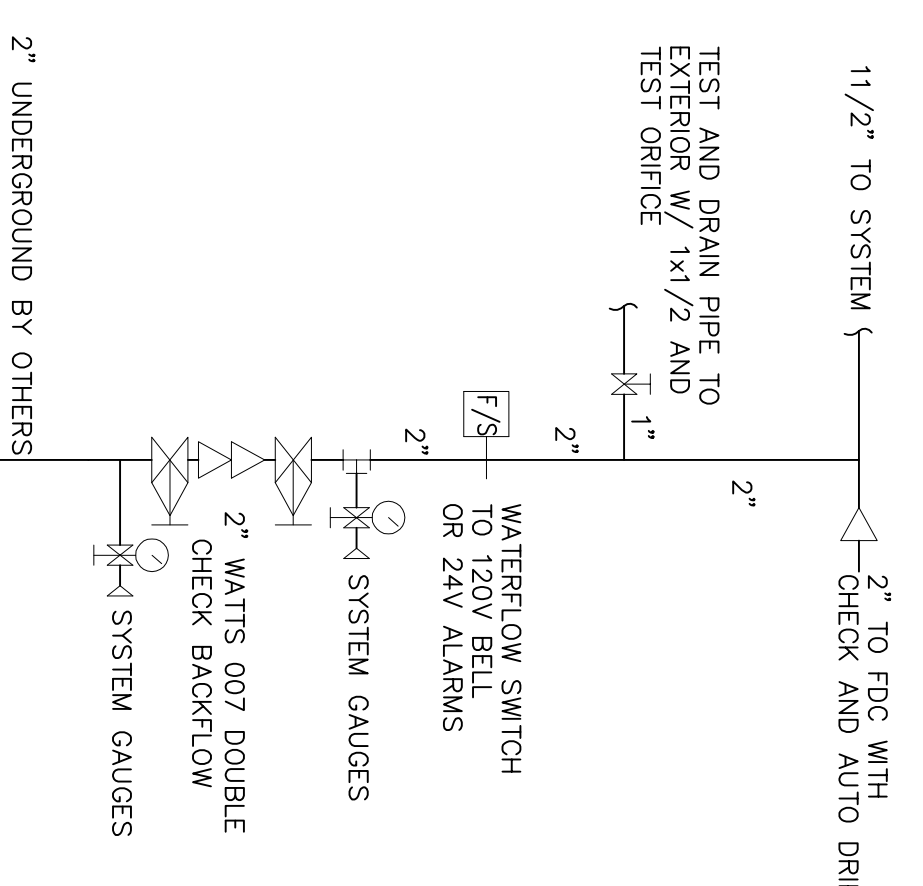


ROOF LEVEL



THIRD FLOOR

- LEGEND**
- ▷ 155F RES 1/2" WHITE SIDEWALL
 - ▲ 155F DRY 1/2" WHITE SIDEWALL
 - 155F 1/2 BRASS UPRIGHT
 - ⊗ 155F RES 1/2" WHITE RECESSED PENDENT
 - HANGER
 - RISE OR DROP NIPPLE
 - ▶ PLUG
 - WCTAULIC COUPLING
 - 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
 - BJ K=BOTTOM OF JOIST TO CENTERLINE OF PIPE
 - BB K=BOTTOM OF BEAM TO CENTERLINE OF PIPE
 - ELEV K=CIVIL ELEVATION OF CENTERLINE OF PIPE
- 12 VIKING VK156 OR DRY WHITE SIDEWALL 1/2"x1/2" K=5.6
 - 72 VIKING VK4486 WHITE RESIDENTIAL SIDEWALLS 1/2"x1/2" K=4.2
 - 144 VIKING VK4488 WHITE RESIDENTIAL RECESSED PENDENTS 1/2"x1/2" K=4.9



RISER DETAIL NTS

HYDRAULIC DATA:
 BUILDING B
 BASIS OF DESIGN NFPA 13R
 DENSITY AREA OF COVERAGE
 4 SPRINKLERS
 TOTAL THREAD TEMP
 SPRINKLERS 4 1/2" 155
 SYSTEM DEMAND AT PUMP OUTLET:
 PRESSURE FLOW HOSE
 51.433 151.477 100
 SAFETY MARGIN: 11.431
 OCCUPANCY: RESIDENTIAL

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

RESIDENTIAL FIRE PROTECTION, LLC
 PHONE (607) 946-3473 FAX (607) 946-3474
 64 DAGGETT HILL ROAD GREENE, MAINE 04236

REVISION NUMBER	DATE	SURVEYED BY	DATE	TITLE
		DRAWN BY	DATE	
		APPROVED BY	DATE	
		SCALE		
		SHEET NO.		

SYSTEM DESIGN
 A WET PIPE SYSTEM OF AUTOMATIC SPRINKLERS TO BE DESIGNED AND INSTALLED PER NFPA 13R
 ALL SPRINKLERS TO BE BASED ON LIGHT HAZARD

MUNDOY HEIGHTS BUILDING B
 79 WALNUT ST
 PORTLAND, MAINE
 228
 936
 C14005

