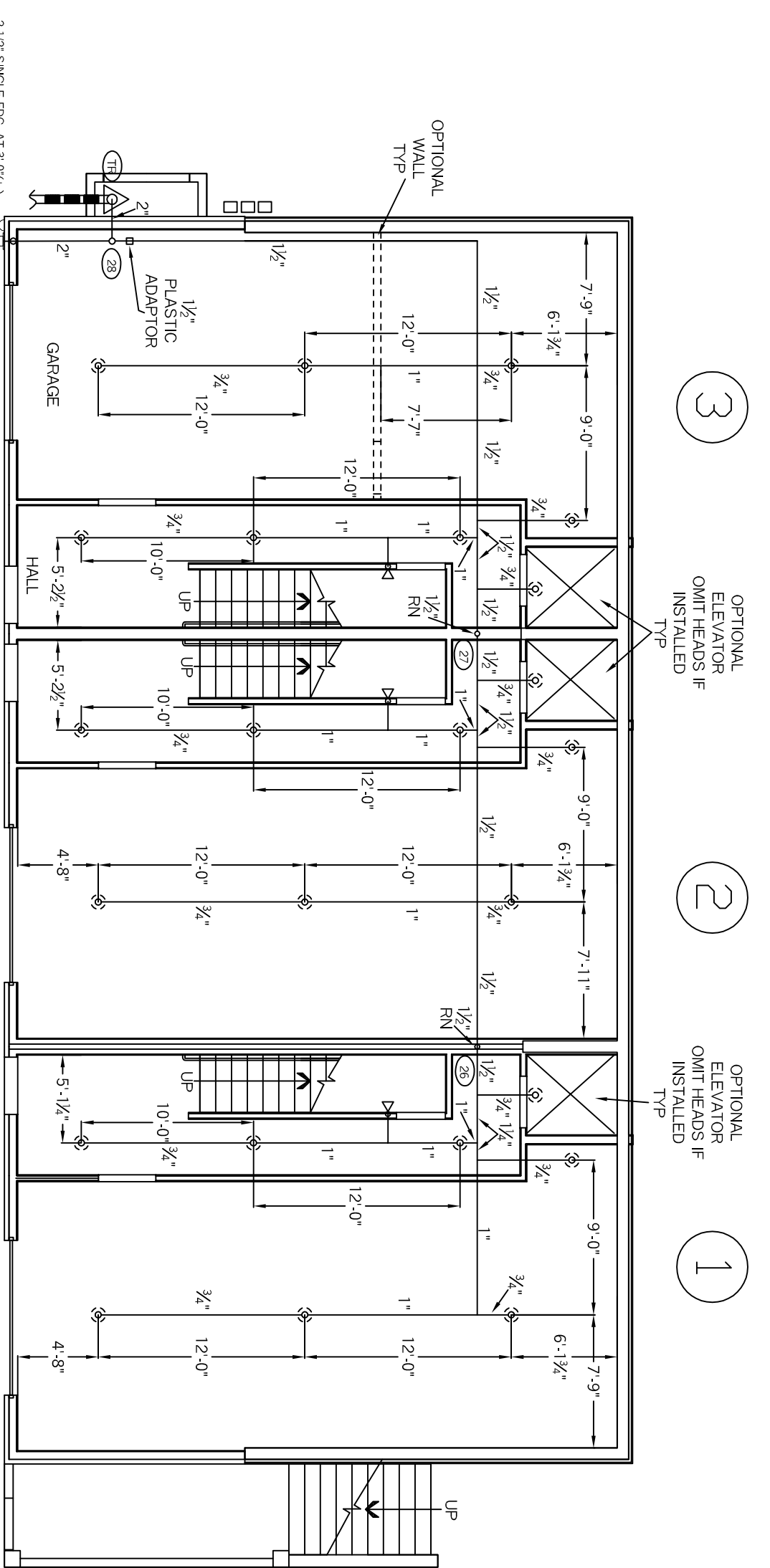
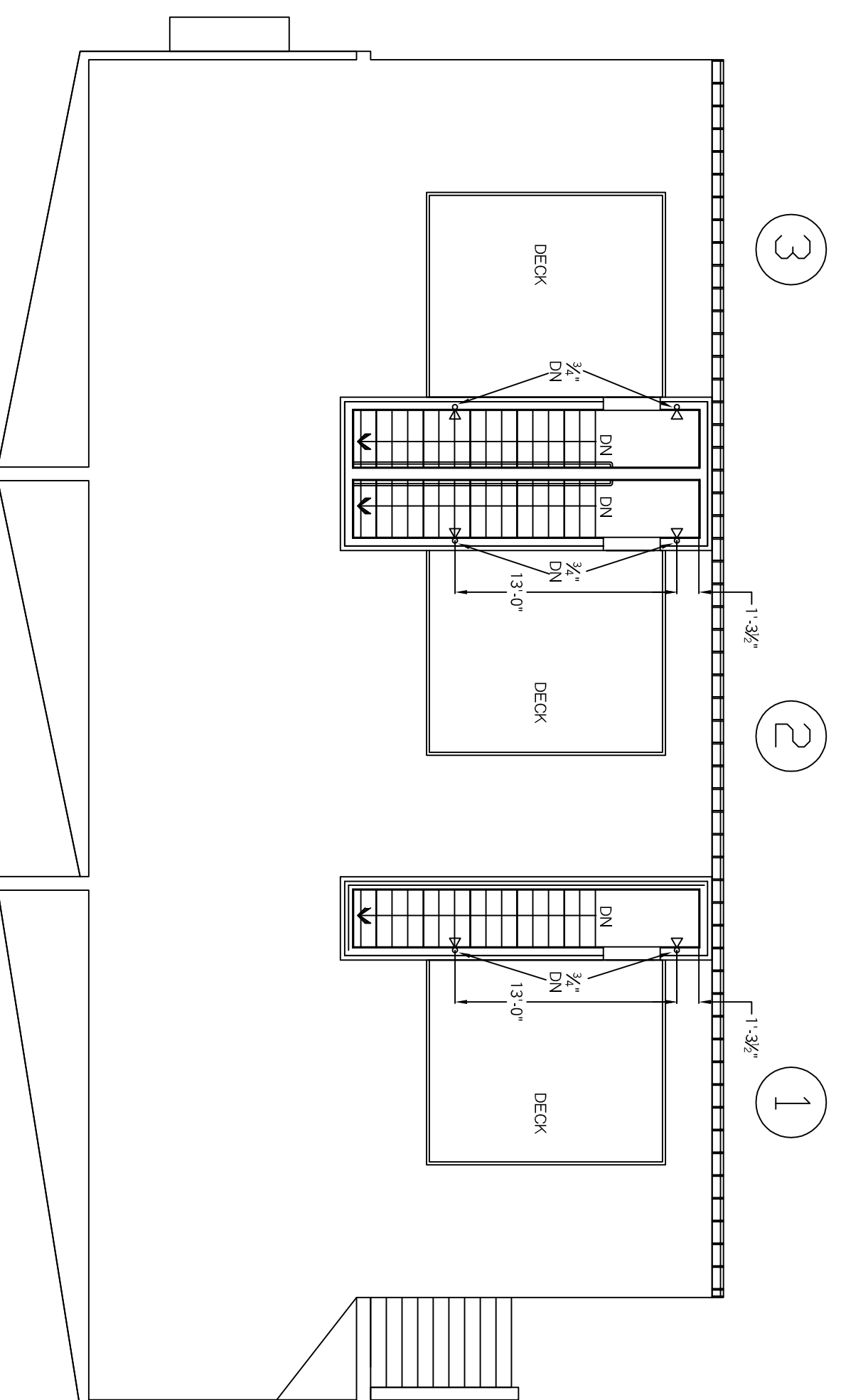


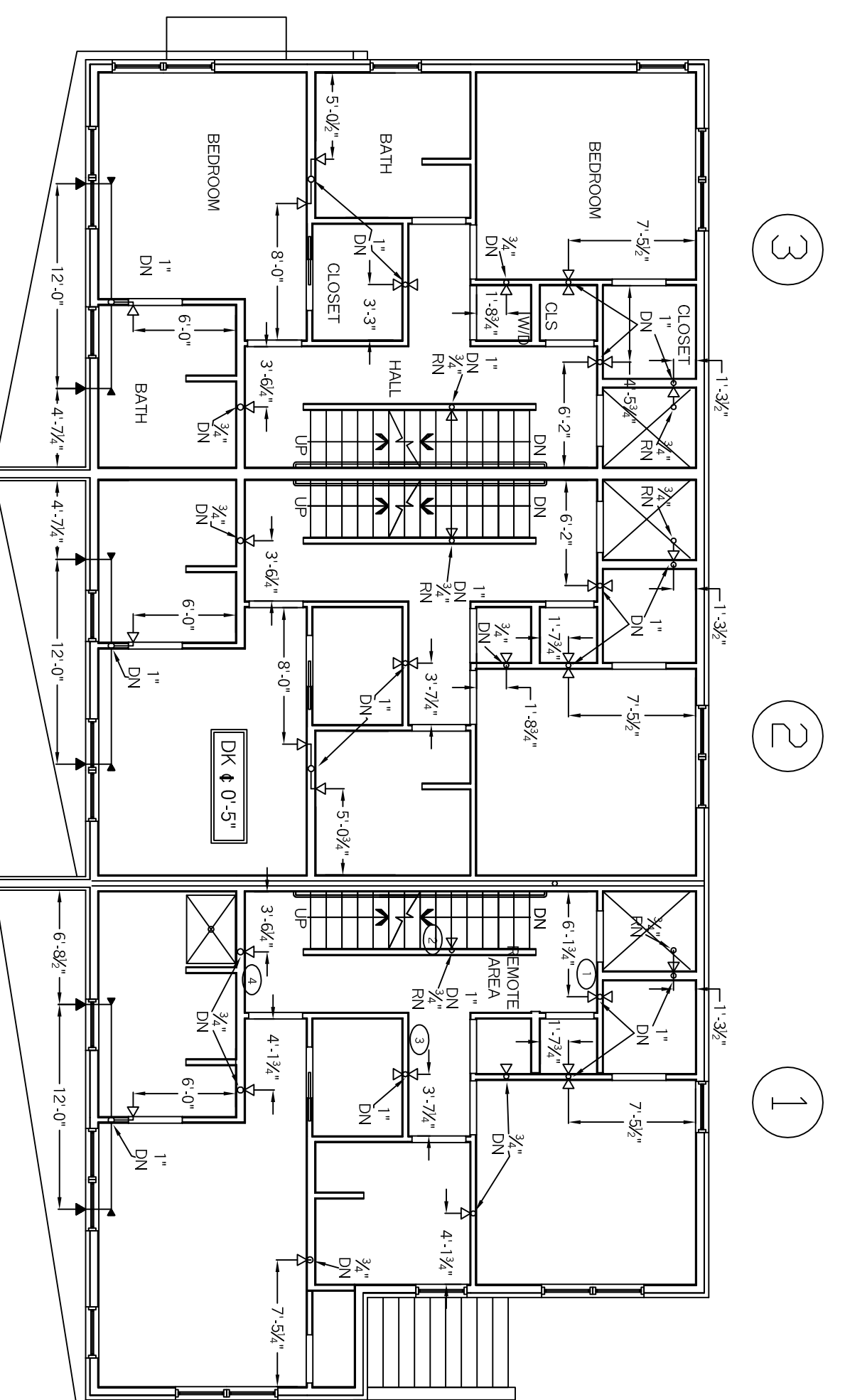
FIRST FLOOR



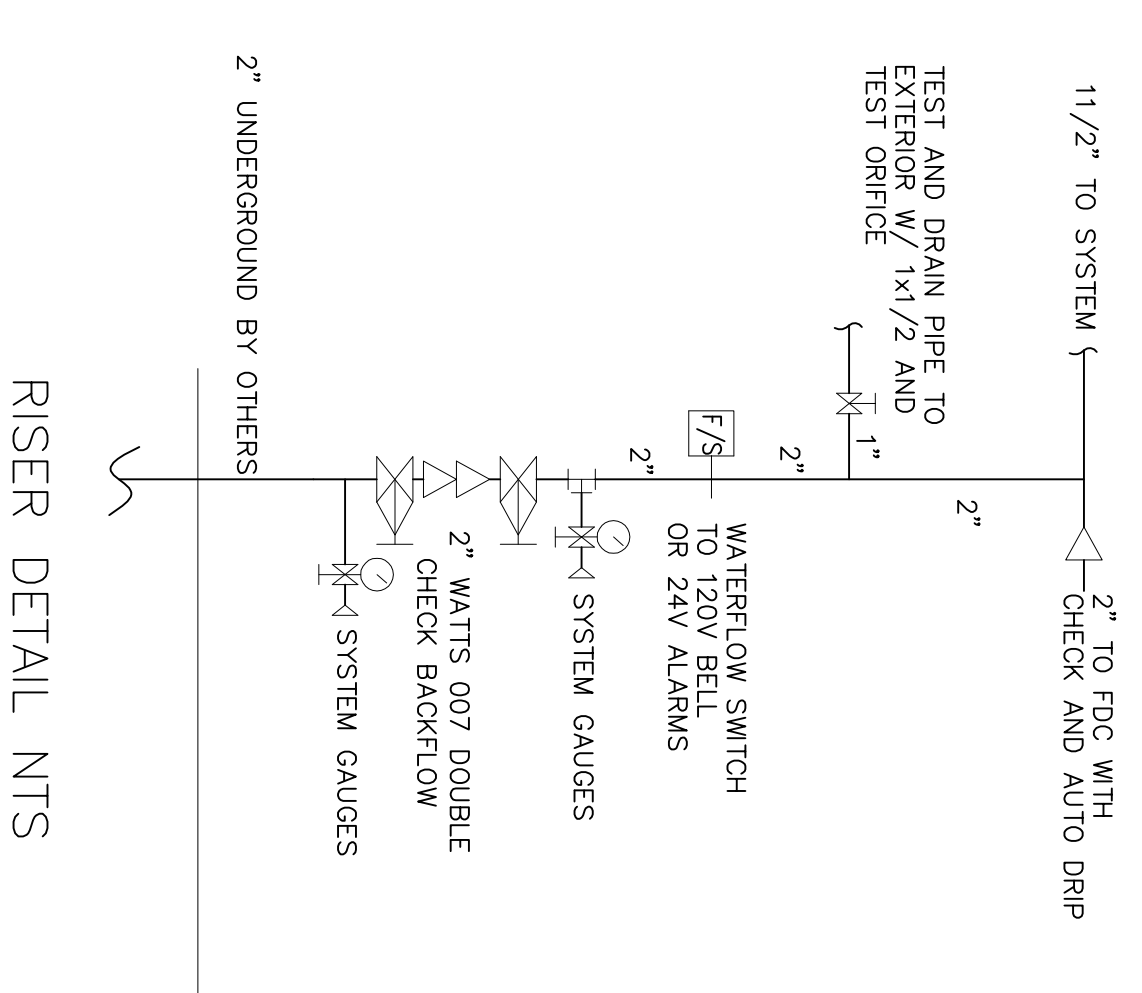
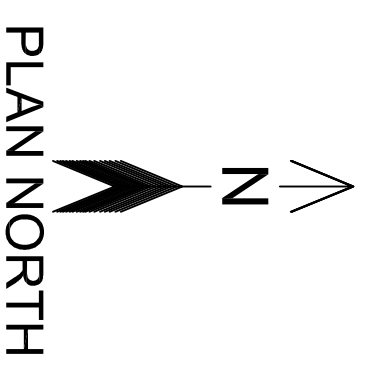
GROUND FLOOR



ROOF LEVEL



SECOND FLOOR



RISER DETAIL NTS

**HYDRAULIC DATA:**  
 BUILDING A  
 BASIS OF DESIGN NFPA 13R  
 DENSITY AREA OF COVERAGE  
 .1 4 SPRINKLERS  
 TOTAL THREAD TEMP  
 SPRINKLERS 4 1/2" 155  
 SYSTEM DEMAND AT PUMP OUTLET:  
 PRESSURE FLOW HOSE  
 48.065 155.748 100  
 SAFETY MARGIN: 14.792  
 OCCUPANCY: RESIDENTIAL

- LEGEND**
- ▷ 155FT RES 1/2" WHITE SIDEWALL
  - ◀ 155FT DRY 1/2" WHITE SIDEWALL
  - 155FT 1/2 BRASS UPRIGHT
  - ⊗ 155FT RES 1/2" WHITE RECESSED PENDENT
  - HANGER
  - RISE OR DROP NIPPLE
  - ▶ PLUG
  - ┌─┐ VERTICAL COUPLING

- 7 WIKING WK156 OR DRY WHITE SIDEWALL 1/2"x1/2" K=5.6
- 48 WIKING WK446 1/2"x1/2" K=4.2
- 45 WIKING WK468 1/2"x1/2" K=4.9

- 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
  - BJ K=BOTTOM OF JOIST TO CENTERLINE OF PIPE
  - BB K=BOTTOM OF BEAM TO CENTERLINE OF PIPE
  - ELEV K=CEILING 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

REVISION NUMBER	DATE	SURVEYED BY	TITLE
	14.1	02-18-13	MUNUOY HEIGHTS BUILDING A 79 WALNUT ST PORTLAND, MAINE
	14.1	02-19-13	
	14.1	02-27-13	
		SCALE 1/8"=1'-0" U/N	
		SHEET NO. 1 OF 7	

**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

SCALE	DATE	BY
100	14.1	02-18-13
93.6	14.1	02-19-13
93.6	14.1	02-27-13
C14005		

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