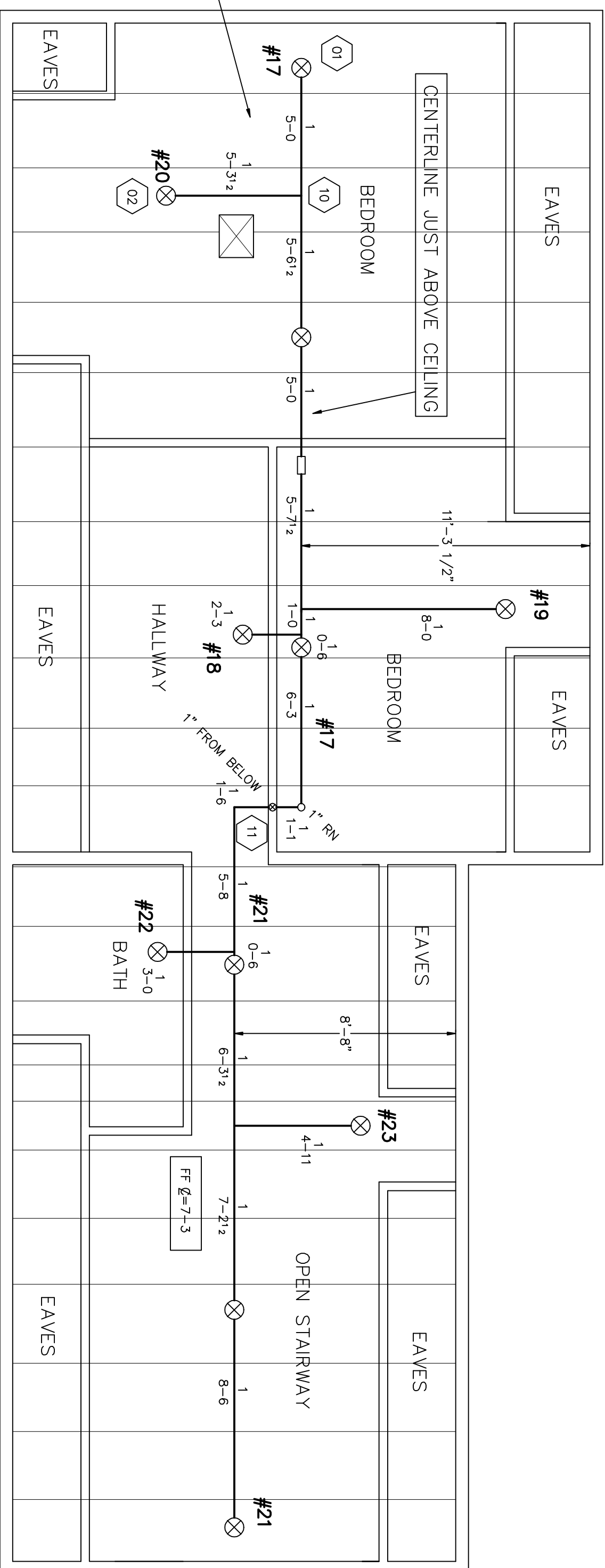
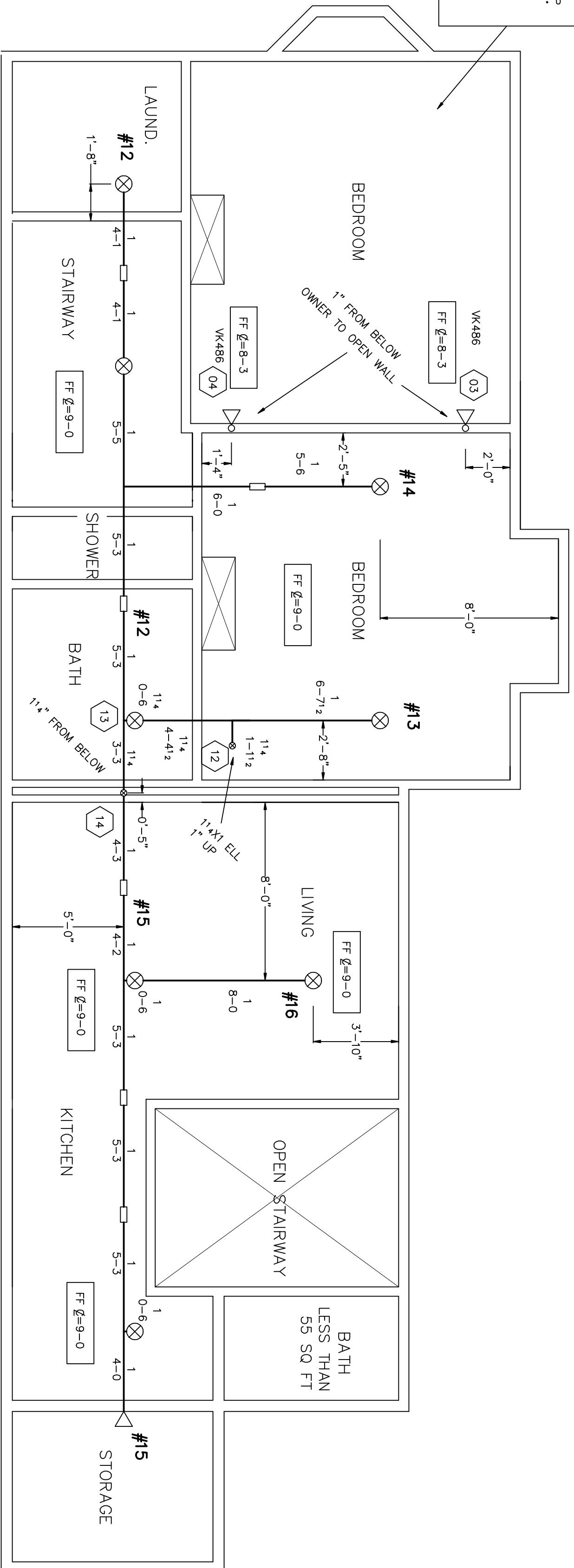


CALC FILE: 273 SPRING ST.W
 HYDRAULIC DATA
 BASIS OF DESIGN: 273 SPRING ST. RESIDENTIAL
 OCCUPANCY: RESIDENCE
 TOTAL OFFICE TUMP SPRINKLERS 2 1/2" K=4.9
 SYSTEM DEMAND AT CTR. OF RESIDENCE: 452.2 GPM 26.2 KPA 5 GPM
 SAFETY MARGIN: 0.8 PSI

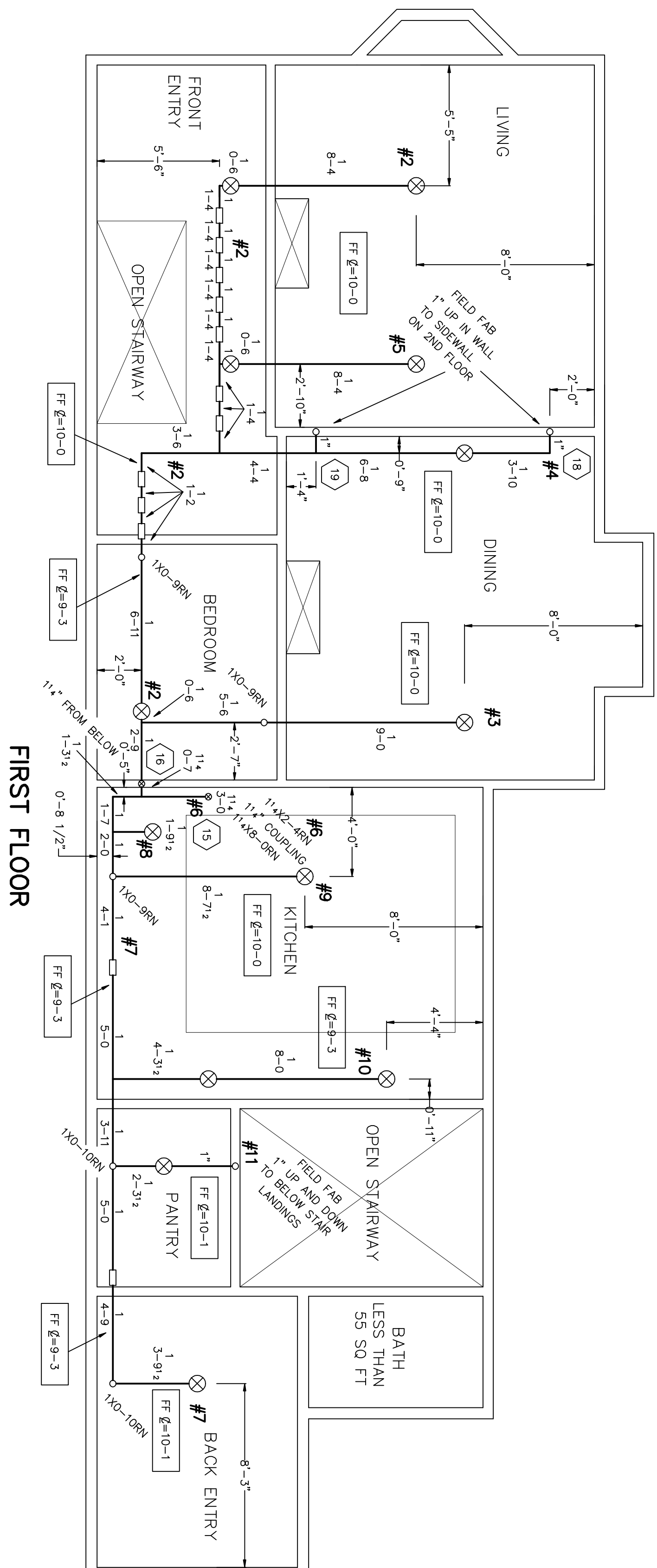
CALC FILE: 273 SPRING ST. RESIDENTIAL
 HYDRAULIC DATA
 BASIS OF DESIGN: 273 SPRING ST. RESIDENTIAL
 OCCUPANCY: RESIDENCE
 TOTAL OFFICE TUMP SPRINKLERS 2 1/2" K=4.9
 SYSTEM DEMAND AT CTR. OF RESIDENCE: 452.2 GPM 26.2 KPA 5 GPM
 SAFETY MARGIN: 6.0 PSI



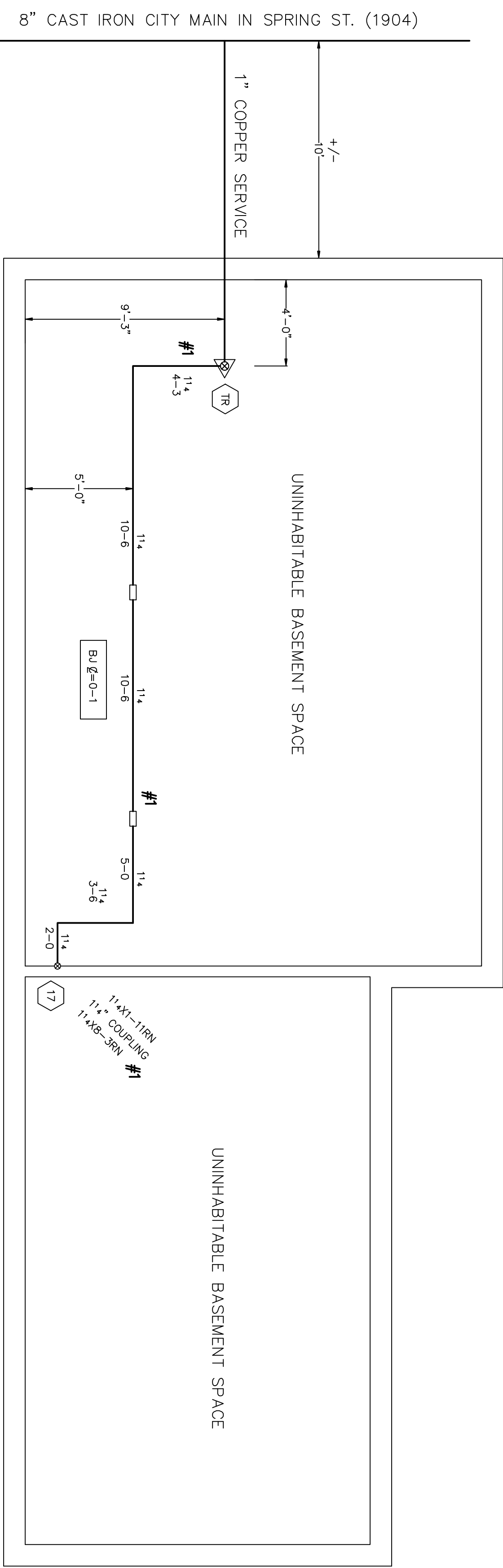
THIRD FLOOR



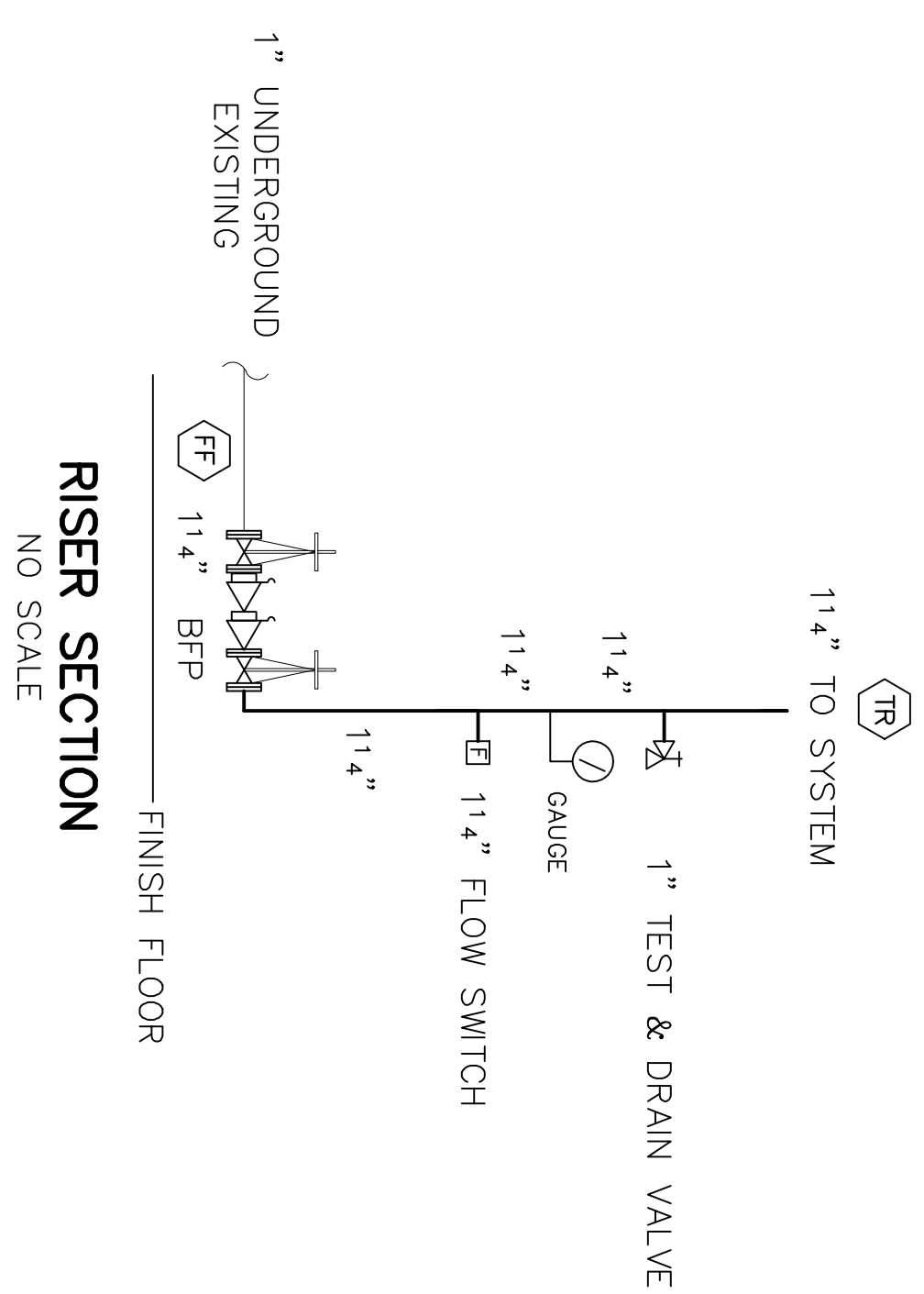
SECOND FLOOR



FIRST FLOOR



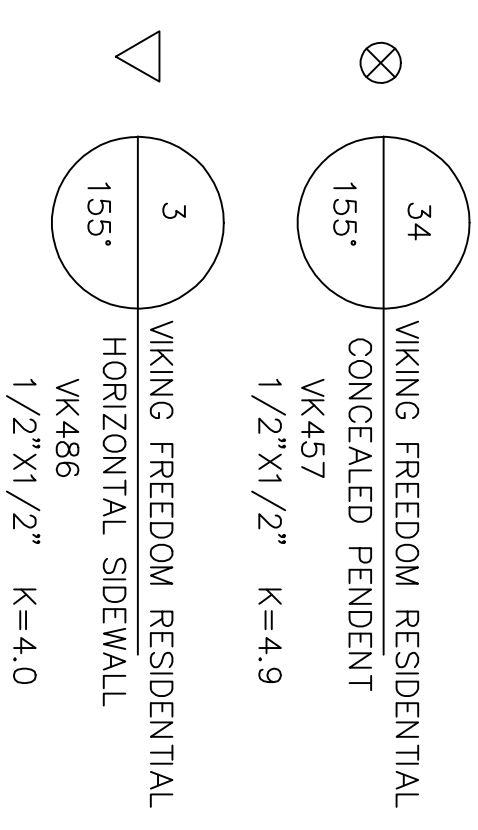
BASEMENT



RISER SECTION
NO SCALE

SYSTEM CLASSIFICATION

A WET PIPE NFPA #130 SPRINKLER SYSTEM TO BE INSTALLED IN ALL REQUIRED AREAS OF THE RESIDENCE TO MEET NFPA, STATE, AND CITY OF PORTLAND CODES.



LEGEND

- ⊗ CONCEALED WHITE RES. PENDENT
- ▽ RECESSED WHITE RES. SIDEWALL
- RISE OR DROP
- RISE BETWEEN FLOOR
- SCREWED COUPLING
- ⊗ HYDRAULIC REFERENCE POINT
- FF & XX FINISH FLOOR TO CENTERLINE OF PIPE
- BU & XX BOTTOM OF JOIST TO CENTERLINE OF PIPE

GENERAL NOTES

BUYER/OWNER TO MAINTAIN A TEMPERATURE OF ABOVE 40°F, INCLUDING AREAS PROPERLY INSULATED TO MAINTAIN 40°F, TO PREVENT THE SPRINKLER SYSTEM FROM FREEZING.
 ALL DIMENSIONS ARE CENTER TO CENTER U/N
 ALL PIPE TO SCH 40 BLACK STEEL
 ALL SCREWED FITTINGS TO BE STD. WT. C.I. BLACK U/N
 ALL DIMENSIONS FROM FACE OF STUDS

DEAN & ALLYN, INC.
 FIRE PROTECTION • SPECIAL HAZARD
 PO BOX 708 GAY LANE 04038
 (207)857-5646 FAX: (207)857-5647

DATE	DESCRIPTION	BY	CHKD
11/13/24	ISSUED FOR PERMIT	DAVA A. STEWART	DAVA A. STEWART
11/13/24	REVISED BY	DAVA A. STEWART	DAVA A. STEWART
11/13/24	APPROVED BY	DAVA A. STEWART	DAVA A. STEWART
11/13/24	DESIGNED BY	DAVA A. STEWART	DAVA A. STEWART
11/13/24	CHECKED BY	DAVA A. STEWART	DAVA A. STEWART
11/13/24	SCALE	1/4"=1'-0" U/N	
11/13/24	SHEET NO.	1 OF 1	

273 SPRING STREET
PORTLAND MAINE

REV. 0	DATE	DESCRIPTION
0	11/13/24	ISSUED FOR PERMIT
1	11/13/24	REVISED BY
2	11/13/24	APPROVED BY
3	11/13/24	DESIGNED BY
4	11/13/24	CHECKED BY
5	11/13/24	SCALE
6	11/13/24	SHEET NO.