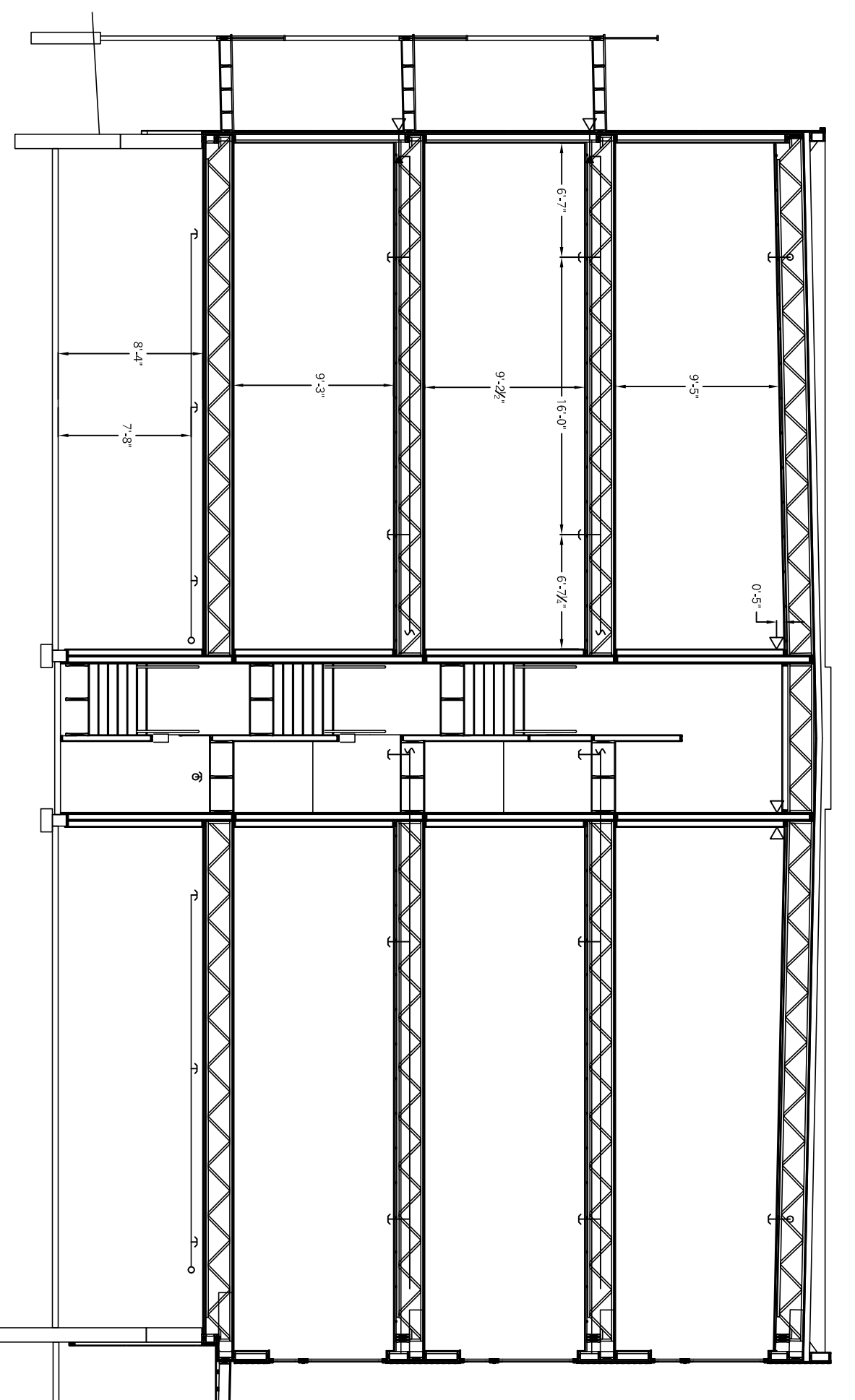
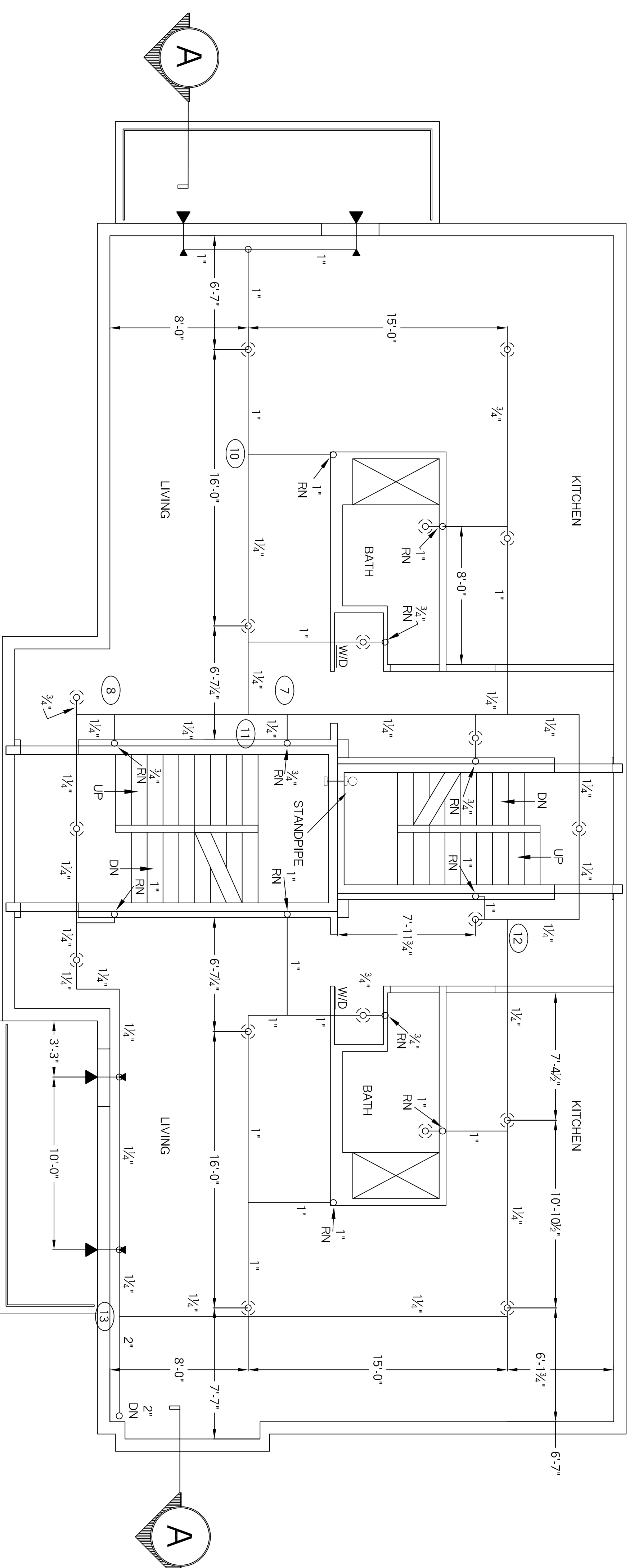
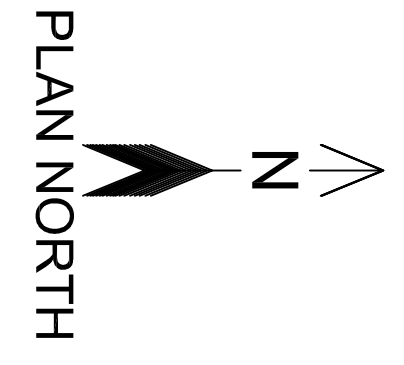


**HYDRAULIC DATA:**

FOURTH FLOOR  
BASIS OF DESIGN (NFPA 13R)  
DENSITY AREA OF COVERAGE  
1' TOTAL THREAD TEMP  
4 SPRINKLERS  
SPRINKLERS 4 1/2"  
SYSTEM DEMAND AT PUMP OUTLET:  
PRESSURE FLOW HOSE 155  
42,699 154,012 100  
SAFETY MARGIN: 6.170  
OCCUPANCY: RESIDENTIAL



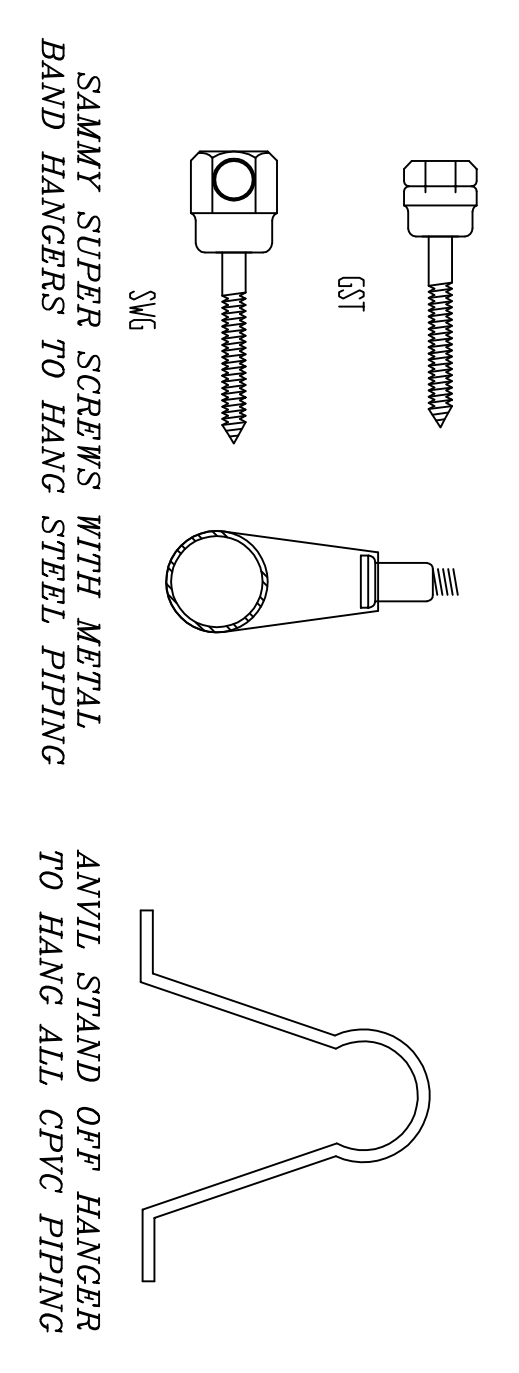
CROSS SECTION 1/8" = 1'



**WATER SUPPLY INFO**

STATIC = 49 PSI  
RESIDUAL = 45 PSI  
FLOW = 978 GPM  
DATE = 06-05-14  
TYPE = TWO HYDRANT  
LOCATION = LAFAYETTE ST AND CUMBERLAND  
SOURCE = PORTLAND WATER DIST.

PLOT PLAN NTS  
TEST HYDRANT ELEV 0'  
TEST



**LEGEND**

- ▷ 155°F OR 1/2" WHITE SIDEWALL
- 155°F 1/2 BRASS PENDENT
- 155°F 1/2 BRASS UPRIGHT
- ⊗ 155°F OR 1/2" WHITE RECESSED PENDENT
- 200°F OR 1/2" BRASS UPRIGHT
- HANGER
- RISE OR DROP NIPPLE

SMALLY SUPER SPOKES WITH METAL BAND HANGERS TO HANG STEEL PIPING

ANYUL STAND OFF HANGER TO HANG ALL CPVC PIPING

**GENERAL NOTES**

- ALL DIMENSIONS ARE CENTER TO CENTER U/N
- ALL THREADED PIPE TO BE SCH. 40 BLACK STEEL
- ALL GROOVED FITTINGS TO BE STD. WT. C.I. BLACK STEEL
- ALL OTHER FITTINGS TO BE CPVC PLASTIC
- ALL OTHER FITTINGS TO BE CPVC PLASTIC
- DRY SYSTEM CAPACITY IS 38 GALLONS

**SYSTEM DESIGN**

A WET PIPE SYSTEM OF AUTOMATIC SPRINKLERS TO BE DESIGNED AND INSTALLED PER NFPA 13R  
ALL RESIDENTIAL AREA SPRINKLERS TO BE BASED ON LIGHT HAZARD  
ALL GARAGE AREA SPRINKLERS TO BE BASED ON ORD I HAZARD  
STANDPIPE DESIGNED AND INSTALLED PER NFPA 14

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

REVISION NUMBER	DATE	SUBMITTED BY	DATE	TITLE
1	06-09-14	JAL	06-09-14	MARQUIS LOFTS
2	06-30-14	DRAWN BY	06-30-14	33 LAFAYETTE ST
3	06-30-14	APPROVED BY	06-30-14	PORTLAND, MAINE
4		SCALE		

STANLEY J. GARCIA  
NICET III - #78055

41  
8  
C14015