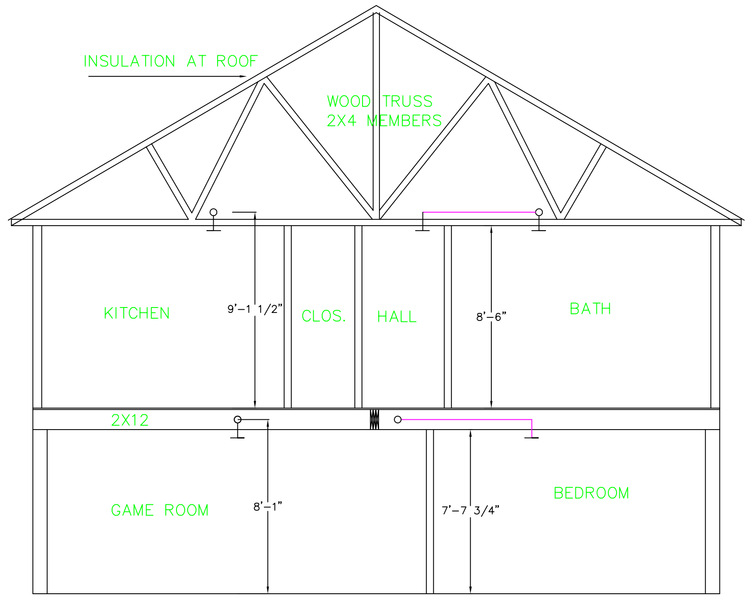
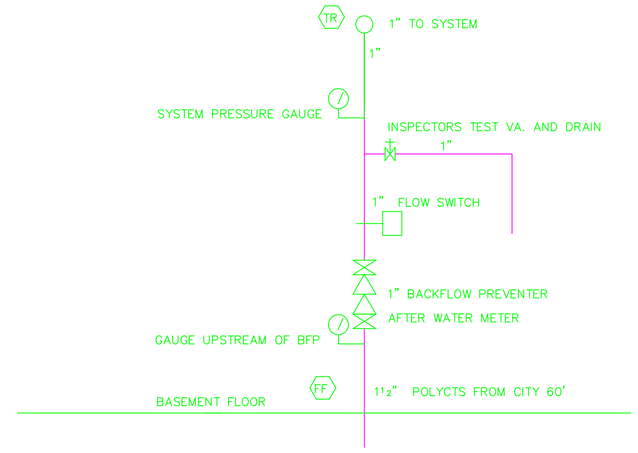
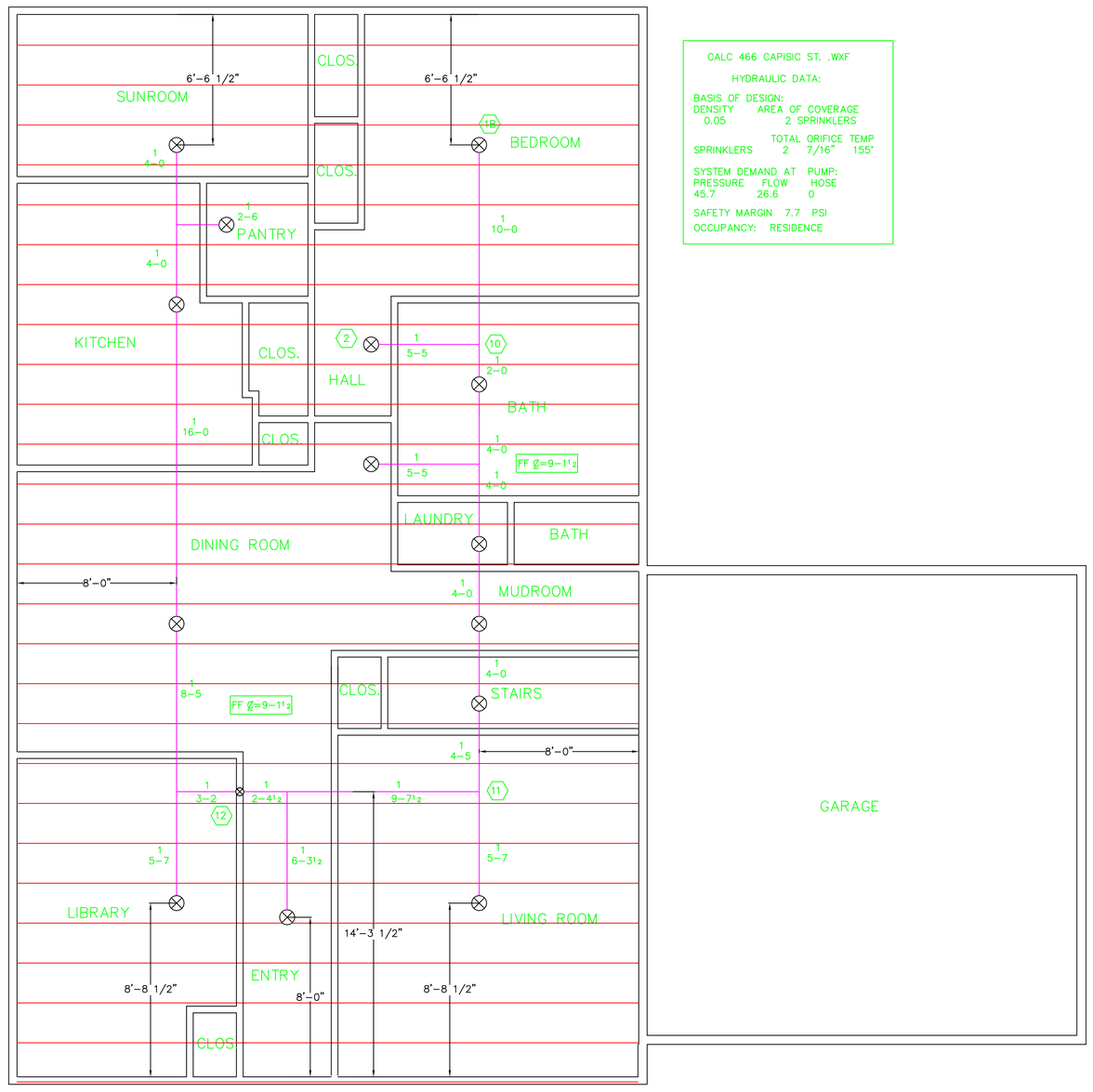



TYPICAL SECTION




RISER SECTION
NO SCALE




FIRST FLOOR

CALC 466 CAPISIC ST. .WXF

HYDRAULIC DATA:

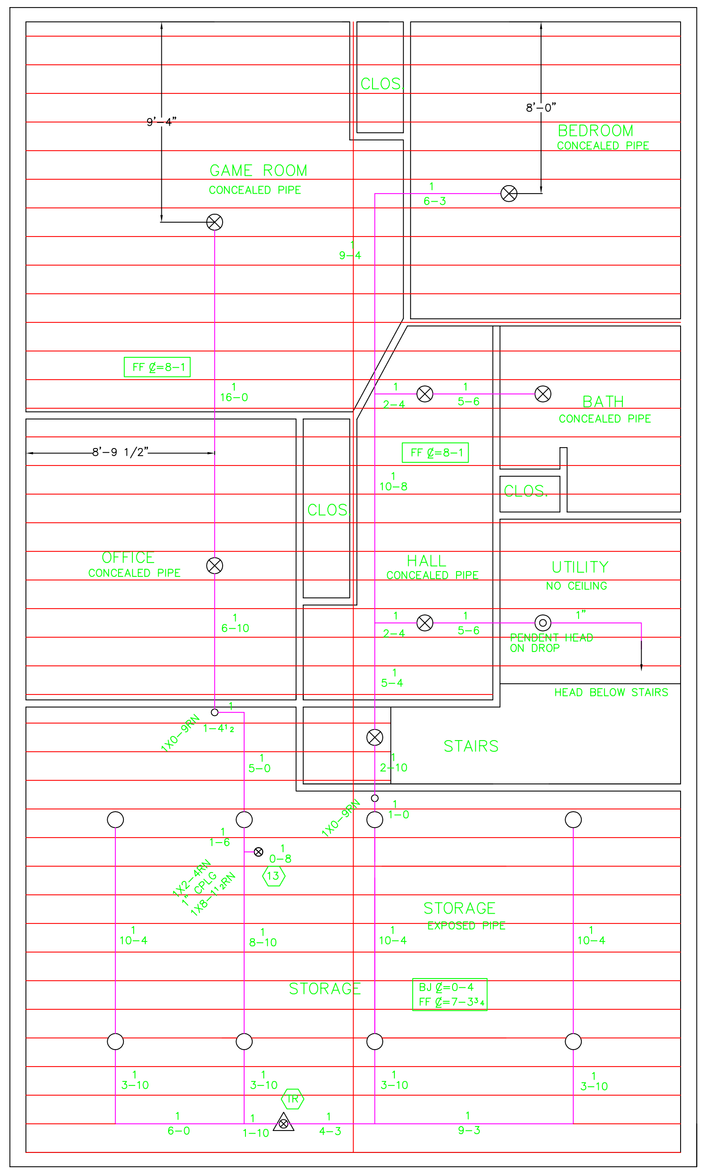
BASIS OF DESIGN:
DENSITY AREA OF COVERAGE
0.05 2 SPRINKLERS

| | TOTAL ORIFICE | TEMP |
|---|---|---|
| SPRINKLERS | 2 7/16" | 155° |

SYSTEM DEMAND AT PUMP:

| PRESSURE | FLOW | HOSE |
|---|---|---|
| 45.7 | 26.6 | 0 |

SAFETY MARGIN 7.7 PSI
OCCUPANCY: RESIDENCE




BASEMENT

## GENERAL NOTES

ALL DIMENSIONS ARE CENTER TO CENTER U/N
ALL 2" AND SMALLER PIPE TO SCH 40 BLACK STEEL
ALL SCREWED FITTINGS TO BE STD. WT. C.I. BLACK U/N
ALL HANGER SPACING AND SIZES TO CONFORM TO NFPA #13.
SUFFICIENT HEAT TO PREVENT FREEZING OF THE WET PIPE SPRINKLER SYSTEM AND REQUIRED INSULATION METHODS PER NFPA STANDARDS ARE REQUIRED TO BE FURNISHED BY THE BUYER/OWNER.

## LEGEND

- ○ 8-155° RELIABLE F1FR Q R BRASS UPRIHGTS BASEMENT
- ⊗ 21-165° RELIABLE RFC43 RES. WHITE CONCEALED PENDENT LIVING SPACE
- ◎ 1-155° RELIABLE F1FR Q R BRASS PENDENT BASEMENT

FF @=XX FIN FLR TO CENTERLINE OF PIPE
BJ @=XX BOTTOM OF JOISTS TO CENTERLINE OF PIPE
C @=XX CEILING TO CENTERLINE OF PIPE
○ RISE OR DROP NIPPLE
⊗ RISER BETWEEN FLOORS

⊗ 21 / 155° RELIABLE RFC43 RESIDENTIAL WHITE PENDENT CONCEALED LIVING SPACE 1/2"X7/16" K=4.3

○ 8 / 155° RELIABLE F1FR QR BRASS UPRIGHT BASEMENT 1/2"X1/2" K=5.6

◎ 1 / 155° RELIABLE F1FR QR BRASS PENDENT BASEMENT 1/2"X1/2" K=5.6

## SYSTEM CLASSIFICATION

A WET PIPE NFPA #13D SPRINKLER SYSTEM TO BE INSTALLED IN ALL AREAS OF THE RESIDENCE TO MEET NFPA, STATE, AND CITY OF PORTLAND CODES.


DEAN & ALLYN, INC.
FIRE PROTECTION · SPECIAL HAZARD
PO BOX 709, GRAY, MAINE 04039
(207)657-5646 FAX:(207)657-5647


| REVISIONS | | | | APPROVED BY | DATE | | | |
|---|---|---|---|---|---|---|---|---|
| | | | / / | | / / | SURVEYED BY | HAK | 12-19-15 |
| | | | / / | | / / | DRAWN BY | HAK | 12-20-15 |
| | | | / / | | / / | CHECKED BY | DAS | xxxx |
| | | | / / | | / / | AT DEAN & ALLYN, INC | | |
| | | | / / | | / / | SCALE 1/4"=1'-0" | | |
| | REVISIONS | | DATE | | / / | SHEET NO. 1 OF 1 | | |

TITLE
MILLIGAN RESIDENCE
466 CAPISIC STREET
PORTLAND MAINE

NO. OF SPRINKLERS SHOWN ON THIS SHEET: 30
NO. OF SPRINKLERS ON JOB: 30
CONTRACT NO.: C151316