



278 HARRIS RD  
MINOT, ME 04258  
PHONE: 207-393-7422

HOWE OWNER:

CONTRACTOR:  
FIRE PROTECTION  
SPRINKLER SERVICES  
278 HARRIS RD.  
MINOT, ME 04258  
PHONE: 207-393-7422

CONTRACTOR # 903

- LEGEND:
- IN PIPE RISER UP
  - DN PIPE RISER DOWN
  - CPVC PIPE (WET)
  - STEEL PIPE (WET)
  - HYDRAULIC CALC. POINT
  - ⊕ SYSTEM RISER
  - - - - - HYDRAULIC DESIGN AREA

DESIGN NOTES:

POSITION, LOCATION, SPACING, AND USE OF SPRINKLERS AND HANGERS SHALL BE IN ACCORDANCE WITH NFPA 13D 2010 ed.

HYDRAULIC CALCULATION PROCEDURES SHALL BE IN ACCORDANCE WITH NFPA 13D 2010 ed. (SEE PLANS FOR LOCATION OF REMOTE AREAS, HYDRAULIC REFERENCE POINTS, AND SYSTEM DEMANDS)

ALL ELECTRICAL WORK TO BE DONE BY OTHERS.

DIMENSIONS AND LOCATIONS GIVEN FOR SPRINKLER HEADS AND PIPE MAY VARY TO ACCOMMODATE ACTUAL FIELD CONDITIONS.

\*OWNER TO PROVIDE SUFFICIENT HEAT TO PREVENT FREEZING IN WATER FILLED SPRINKLER PIPE AND EQUIPMENT.

\*OTHER TRADES TO COORDINATE THEIR WORK WITH SPRINKLER CONTRACTOR.

\*REFER TO SPEARS CPVC PLASTIC PIPE INSTALLATION MANUAL FOR GLUE CURING TIME AND HANGER SPACING.

SPRINKLER HEAD DESCRIPTION:

- |   |  |     |     |     |  |                |   |     |     |
|---|--|-----|-----|-----|--|----------------|---|-----|-----|
| RELIABLE F1-RES-44<br>WHITE PENDENT<br>14" X 14" SPACING MAX<br>7" MAX FROM HEAD TO WALL        | RELIABLE F1-RES-49<br>WHITE PENDENT<br>14" X 14" SPACING MAX<br>7" MAX FROM HEAD TO WALL |     |     |     |  |                |   |     |     |
| <table border="1"> <tr><td>SPRINKLER SIZE</td><td>10</td><td>155</td><td>4.4</td></tr> </table> | SPRINKLER SIZE   | 10  | 155 | 4.4 | <table border="1"> <tr><td>SPRINKLER SIZE</td><td>1</td><td>155</td><td>4.9</td></tr> </table> | SPRINKLER SIZE | 1 | 155 | 4.9 |
| SPRINKLER SIZE  | 10   | 155 | 4.4 |     |  |                |   |     |     |
| SPRINKLER SIZE  | 1  | 155 | 4.9 |     |  |                |   |     |     |

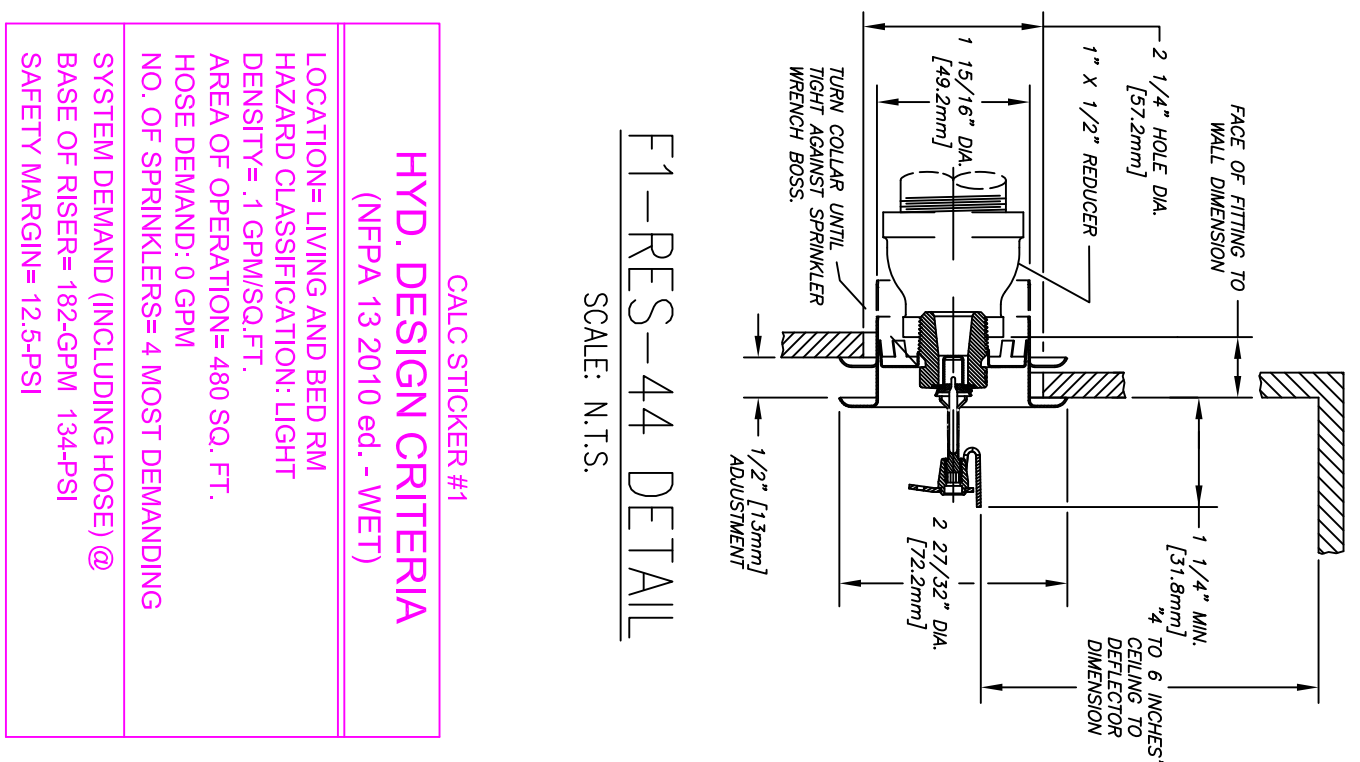
TOTAL HEADS ON SHEET: 11

SCALE:

DATE: JANUARY 5, 2016  
DESIGNER: TIM FORTIN  
RMS# 866  
NICET LEVEL III CERT. # 122193

LOCATION:  
45 EASTERN PROMENADE  
PORTLAND, ME

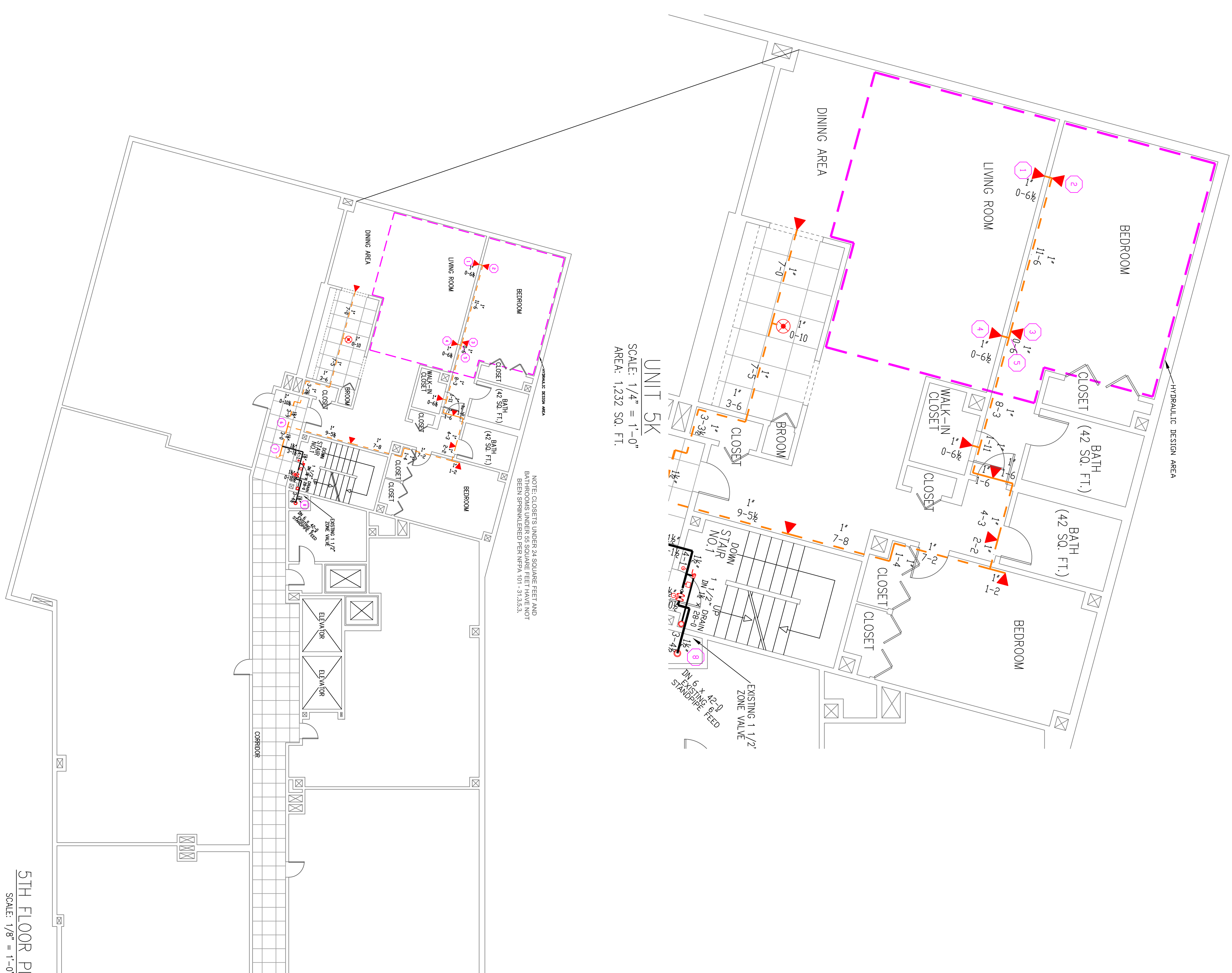
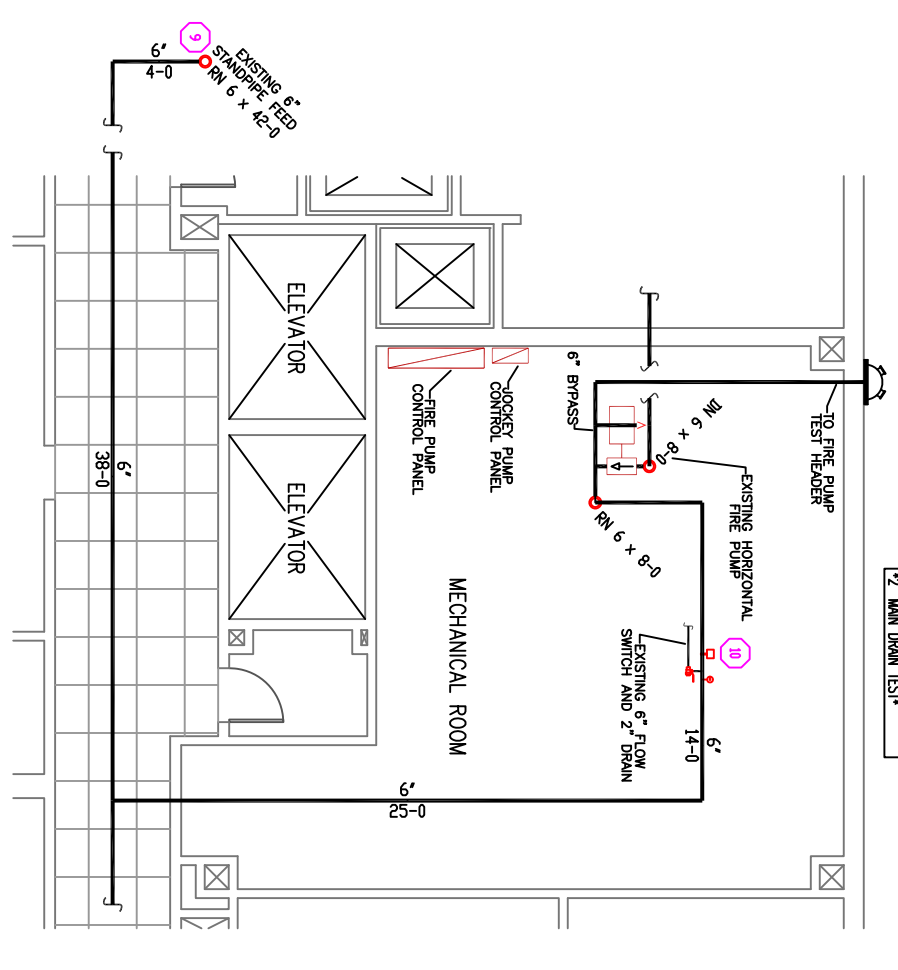
DRAWING TITLE:  
PORTLAND HOUSE  
UNIT #5K  
FIRE PROTECTION PLAN  
(NFPA 13.2010 ed.)  
DRAWING NO.:  
FP-1



**F1-RES-44 DETAIL**  
SCALE: N.T.S.

**HYD. DESIGN CRITERIA**  
(NFPA 13 2010 ed. - WET)

LOCATION= LIVING AND BED RM  
HAZARD CLASSIFICATION: LIGHT  
AREA OF OPERATION: 480 SQ. FT.  
HOSE DEMAND: 1.0 GPM  
NO. OF SPRINKLERS= 4 (MOST DEMANDING)  
SYSTEM DEMAND (INCLUDING HOSES) @  
BASE OF RISER= 182 GPM 134 P.S.I.  
SAFETY MARGIN= 12.5 P.S.I.



5TH FLOOR PLAN  
SCALE: 1/8" = 1'-0"