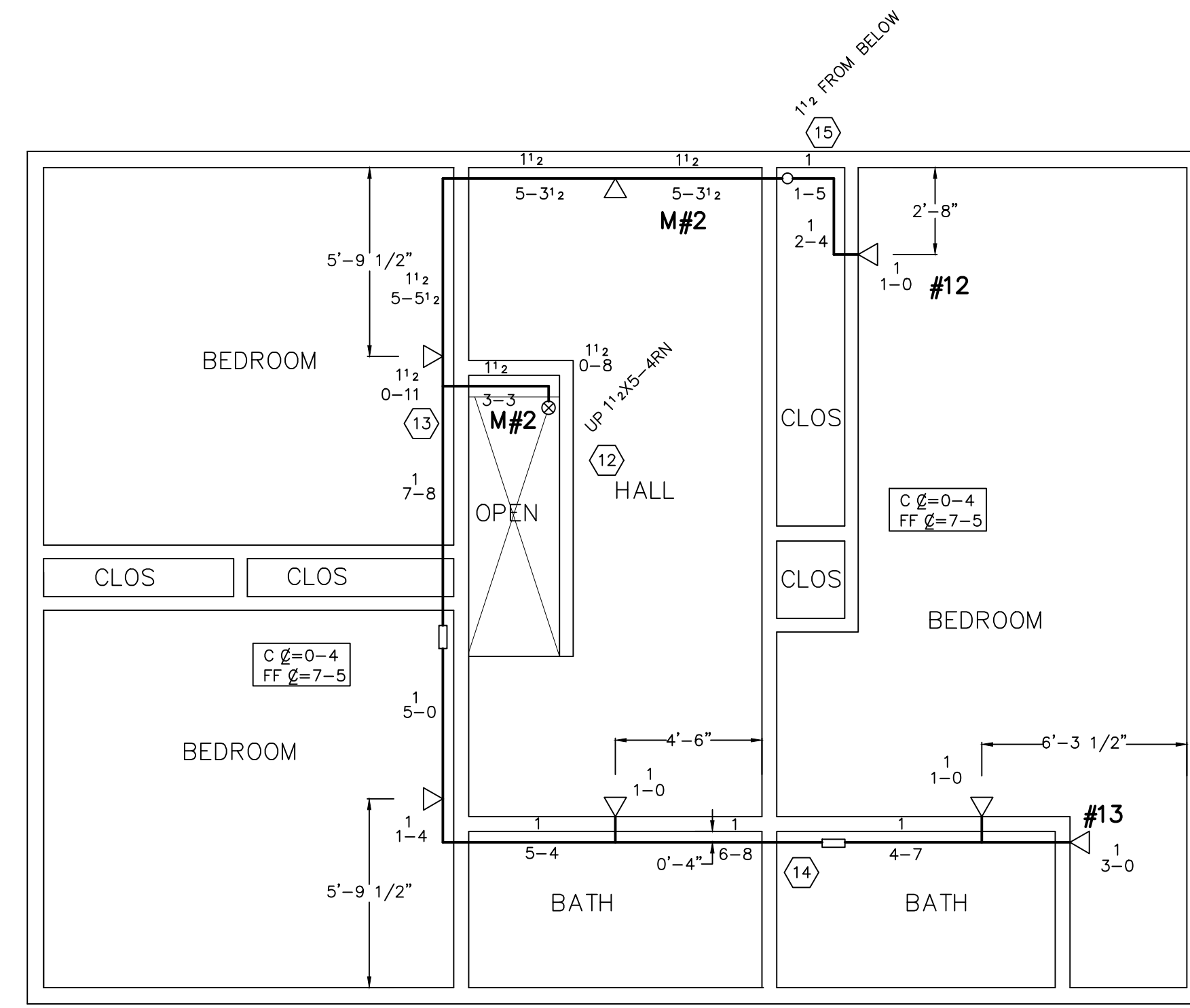
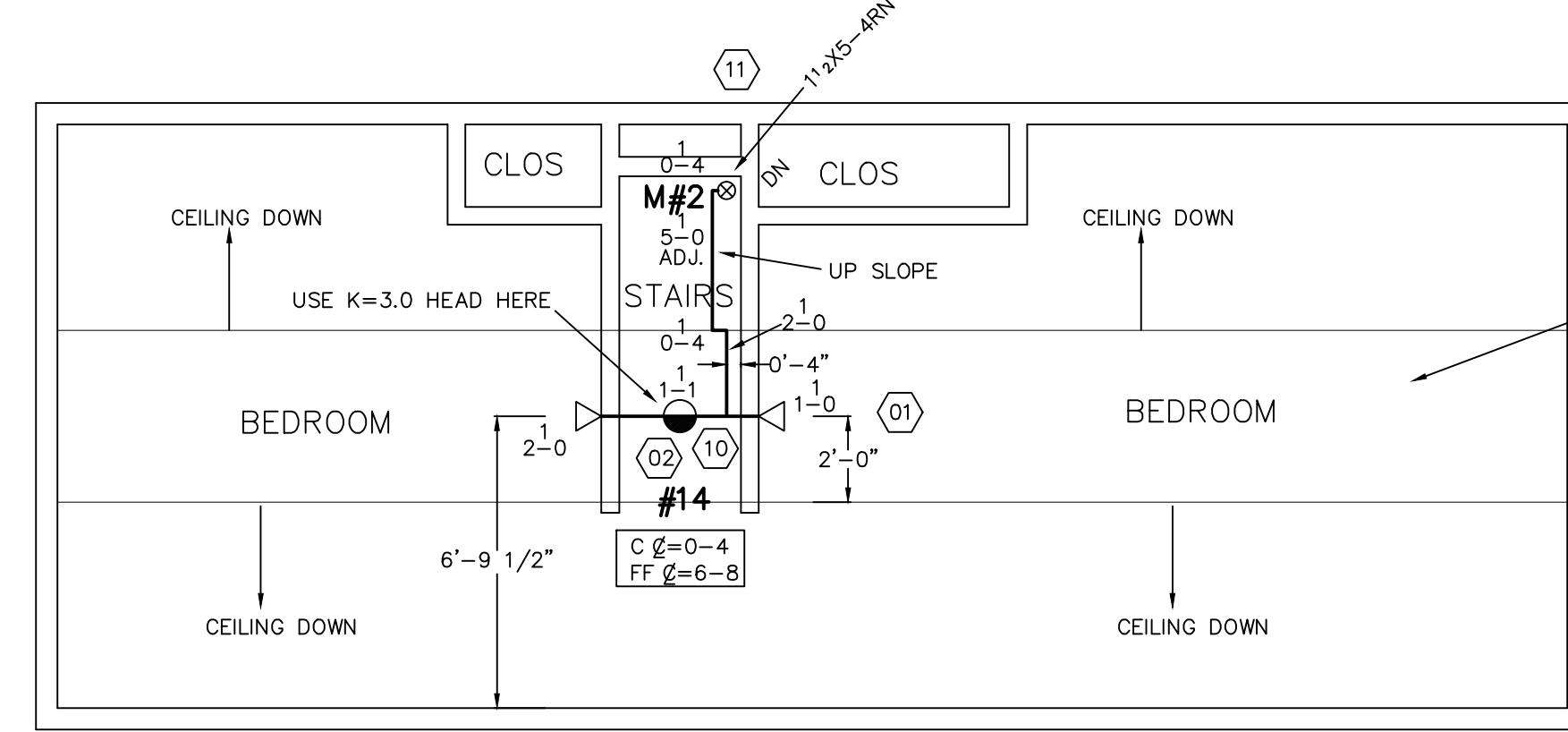


FIRST FLOOR

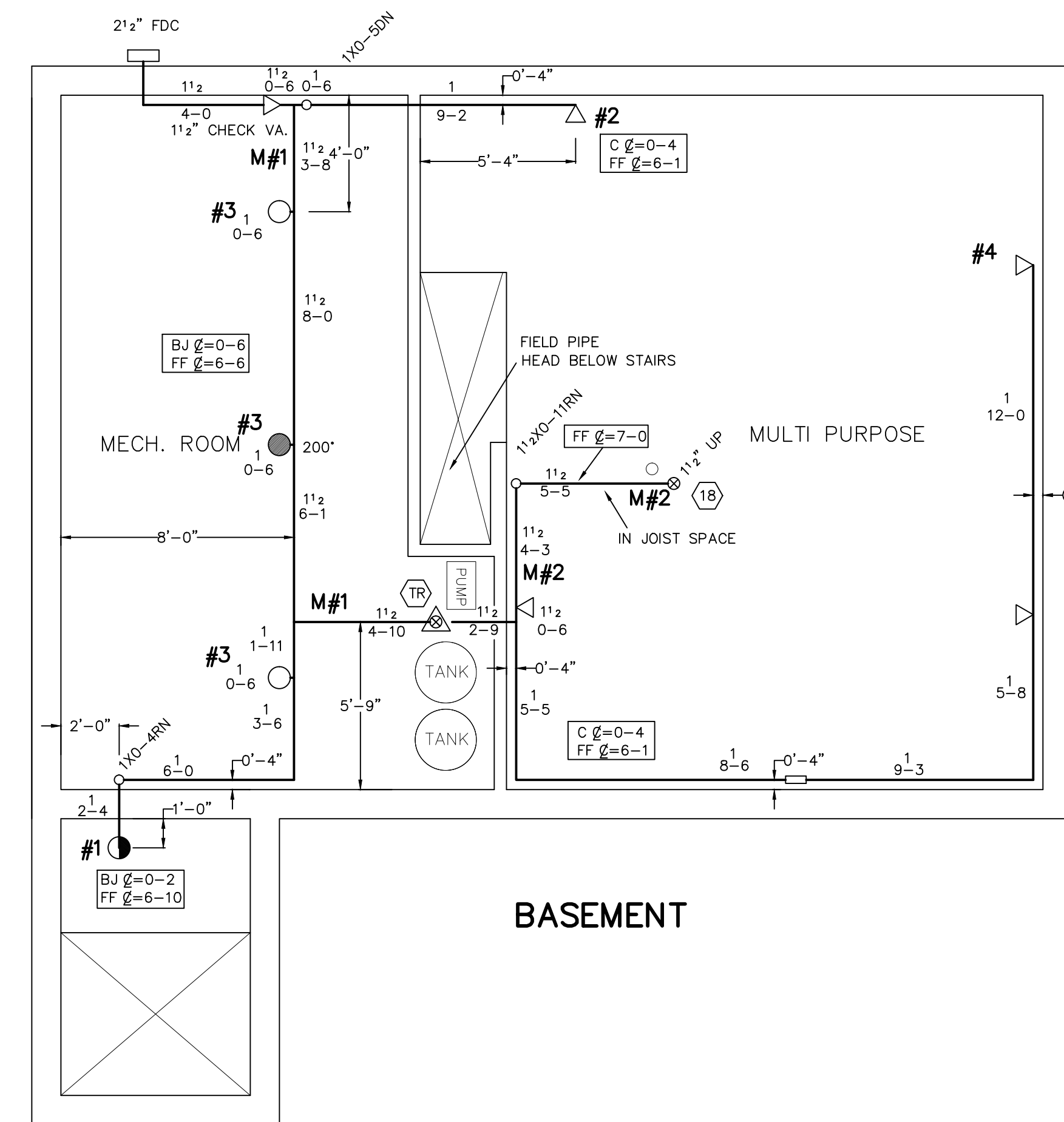
FIRST FLOOR RISER FROM BASEMENT



SECOND FLOOR

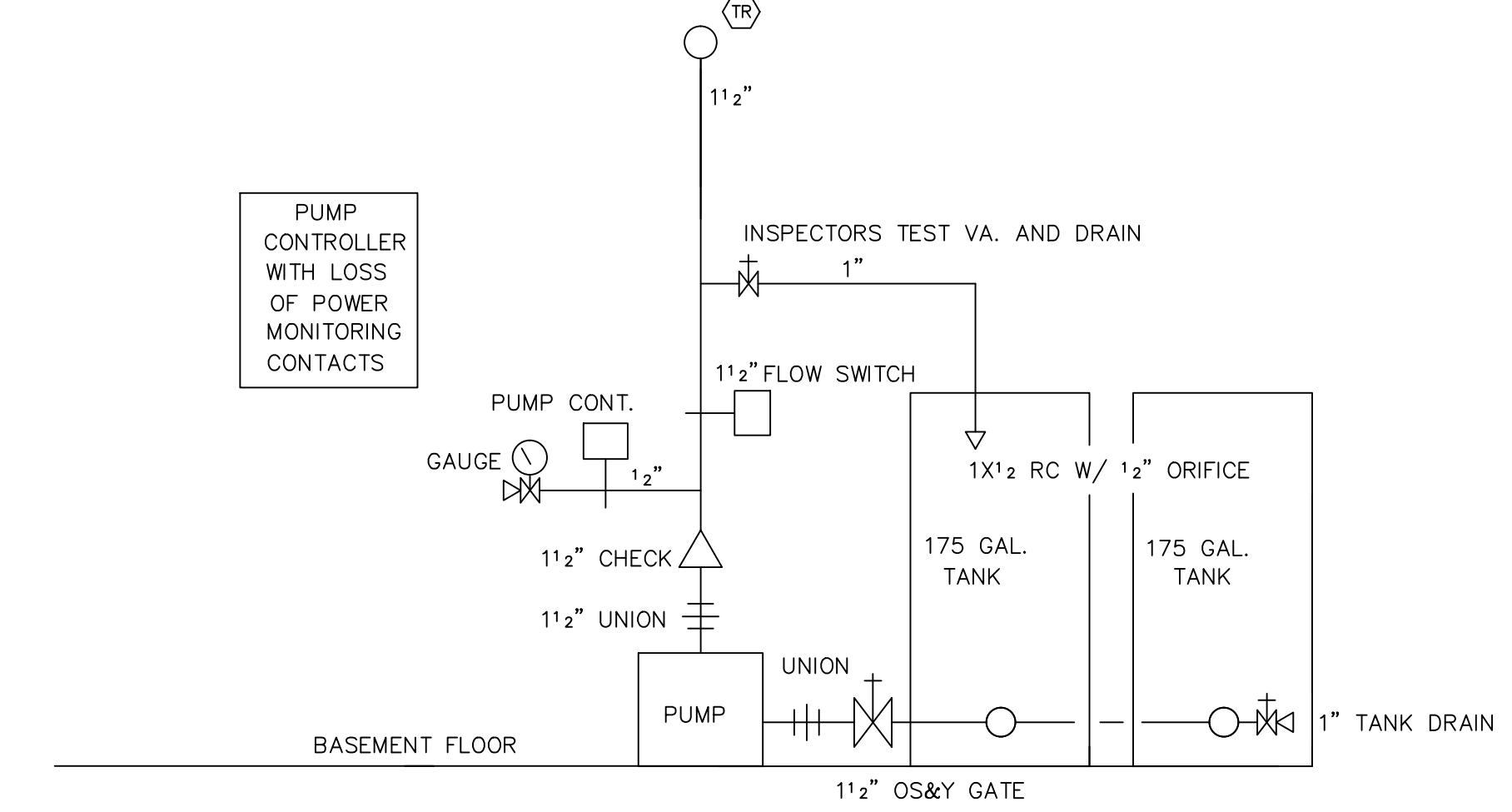


THIRD FLOOR



BASEMENT

CALC GINGER'S HOUSE .WXF
 HYDRAULIC DATA:
 BASIS OF DESIGN:
 DENSITY 0.05 AREA OF COVERAGE 2 SPRINKLERS
 SPRINKLERS TOTAL ORIFICE TEMP 155°
 SYSTEM DEMAND AT PUMP:
 PRESSURE 44.0 FLOW 32.1 ROSE
 SAFETY MARGIN 8.8 PSI
 OCCUPANCY: RESIDENCE



RISER SECTION
NO SCALE

- LEGEND**
- ▷ 155° RELIABLE RES. WHITE HOR SIDEWALL
 - 155° RELIABLE Q R BRASS UPRIGHTS
 - 200° RELIABLE Q R BRASS UPRIGHTS
 - ◐ 155° RELIABLE RES. WHITE PENDENT
 - C ∅=XX CEILING TO CENTERLINE OF PIPE
 - FF ∅=XX FIN FLR TO CENTERLINE OF PIPE
 - BJ ∅=XX BOTTOM OF JOISTS TO CENTERLINE OF PIPE
 - TJ ∅=XX TOP OF JOISTS TO CENTERLINE OF PIPE
 - ◊ RISE OR DROP NIPPLE
 - ⊗ RISER BETWEEN FLOORS

SYSTEM CLASSIFICATION

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

- ▷ 27 RELIABLE FIRES44
155° WHITE RES SIDEWALL
3/8"x1/2" K=4.4
- 3 RELIABLE F1FR
155° QR BRASS UPRIGHT
1/2"x1/2" K=5.6
- 1 RELIABLE F1FR
200° QR BRASS UPRIGHT
1/2"x1/2" K=5.6
- ◐ 4 RELIABLE FIRES49
155° WHITE RES PENDENT
7/16"x1/2" K=4.9
- ◐ 1 RELIABLE FIRES30
155° WHITE RES PENDENT
21/64"x1/2" K=3.0

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 PIPE IS 4" FROM WALLS U/N
 BUYER/OWNER TO MAINTAIN A TEMPERATURE OF ABOVE 40 DEGREES
 INCLUDING AREAS PROPERLY INSULATED TO MAINTAIN 40 DEGREES
 TO PREVENT THE SPRINKLER SYSTEM FROM FREEZING.

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

REVISIONS	DATE	TITLE	APPROVED BY	DATE	SURVEYED BY	HAK	7-20-15	TITLE

GINGER'S HOUSE
 1000 WASHINGTON AVE.
 PORTLAND MAINE

NO OF SPRINKLERS
 SHOWN ON THIS SHEET
 36
 NO OF SPRINKLERS
 ON JOB
 36
 CONTRACT NO.
C151283