



NOTE TO AE: SHOW LOCATION(S) OF TRANSMITTER ON DRAWINGS. SEE NOTE 2. IN LARGE SYSTEMS WHERE IT IS DIFFICULT TO IDENTIFY MOST HYDRAULICALLY REMOTE COIL, IT MAY BE NECESSARY TO PROVIDE MULTIPLE DP TRANSMITTERS.

NOTES:

1. SPECIFIC LOCATION OF TRANSMITTERS SHALL BE AS SHOWN ON PROJECT DRAWINGS.
2. DIFFERENTIAL PRESSURE (DP) TRANSMITTER SHALL BE INSTALLED ACROSS SUPPLY AND RETURN MAINS NEAR MOST HYDRAULICALLY REMOTE COIL.
3. TRANSMITTERS SHALL BE CONNECTED TO PIPING ON "MAIN" SIDE OF COIL ISOLATION VALVES TO ALLOW VALVES TO BE CLOSED WITHOUT DISABLING TRANSMITTER.
4. TRANSMITTER SHALL BE LOCATED IN READILY ACCESSIBLE AREA. EQUIPMENT ROOM IS PREFERRED. OCCUPIED AREAS SHALL BE AVOIDED.
5. IF STATIC PRESSURE (SP) TRANSMITTER IS INSTALLED SEPARATELY AS STAND-ALONE DEVICE, DELETE FROM THIS DETAIL. SEE DRAWING 23 09 13-2 FOR INSTALLATION OF STAND-ALONE TRANSMITTER.
6. TRANSMITTER SHALL BE CONNECTED TO SYSTEM "MAIN". TRANSMITTER SHALL NOT BE CONNECTED TO SMALL BRANCH PIPING.
7. POINTS OF CONNECTION TO HORIZONTAL HYDRONIC PIPE MAINS SHALL BE ON SIDE OF PIPING AS SHOWN, NEITHER ON TOP (TO AVOID AIR), NOR BOTTOM (TO AVOID SEDIMENT)
8. PIPING FROM MAIN TO FIRST VALVE SHALL BE SCHEDULE 80 STEEL OR RIGID COPPER TUBING. MATERIAL SHALL MATCH MAINS. BALANCE OF PIPING MAY BE SCHEDULE 80 STEEL OR COPPER TUBING, CONTRACTOR'S OPTION.
9. ALL PIPING SHALL BE INSTALLED SO AS TO BE SELF-VENTING. HORIZONTAL RUNS OF INSTRUMENT PIPING SHALL BE PITCHED UPWARD TOWARD POINTS OF CONNECTION.
10. SUPPORTS SHALL BE PROVIDED FOR INSTRUMENTATION AND/OR PIPING AS REQUIRED FOR RIGID INSTALLATION.
11. PRESSURE GAUGE AND TRANSMITTERS SHALL BE SELECTED FOR OPTIMAL RANGE OF OPERATION.



DIFFERENTIAL PRESSURE INSTRUMENTATION

NOT TO SCALE

DIFFERENTIAL PRESSURE INSTRUMENTATION

Date: OCTOBER 1, 2017

Dwg. No.: 23 09 13-01