NOTE TO AE: IDENTIFY LOCATION(S) OF TRANSMITTER ON DRAWINGS. SEE NOTE 8. IN LARGE SYSTEMS WHERE IT IS DIFFICULT TO IDENTIFY MOST HYDRAULICALLY REMOTE COIL, IT MAY BE NECESSARY TO PROVIDE MULTIPLE DP TRANSMITTERS.

NOTES:

1. TRANSMITTER SHALL BE LOCATED IN READILY ACCESSIBLE AREA. EQUIPMENT ROOM IS PREFERRED. OCCUPIED AREAS SHALL BE AVOIDED.

2. 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.

3. 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)

4. ALL PIPING SHALL BE INSTALLED SO AS TO BE SELF-VENTING. HORIZONTAL RUNS OF INSTRUMENT PIPING SHALL BE PITCHED UPWARD TOWARD POINTS OF CONNECTION.

5. SUPPORTS SHALL BE PROVIDED FOR INSTRUMENTATION AND/OR PIPING AS REQUIRED FOR RIGID INSTALLATION.

6. PRESSURE GAUGE AND TRANSMITTERS SHALL BE SELECTED FOR OPTIMAL RANGE OF OPERATION.

7. PRE-MANUFACTURED MANIFOLD WITH INTEGRAL VALVES, VENTS, DRAINS MAY BE USED IN LIEU OF EQUIVALENT COMPONENTS IN BUILT-UP ASSEMBLY.

8. DIFFERENTIAL PRESSURE (DP) TRANSMITTER SHALL BE INSTALLED ACROSS SUPPLY AND RETURN MAINS NEAR MOST HYDRAULICALLY REMOTE COIL. STATIC PRESSURE TRANSMITTER SHALL BE INSTALLED ON RETURN MAIN NEAR TOP OF SYSTEM. TRANSMITTERS SHALL BE CONNECTED TO PIPING ON MAIN SIDE OF COIL ISOLATION VALVES TO ALLOW VALVES TO BE CLOSED WITHOUT DISABLING TRANSMITTER.

9. 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.

10. SPECIFIC LOCATION OF TRANSMITTERS SHALL BE AS INDICATED ON PROJECT DRAWINGS

DIFFERENTIAL PRESSURE INSTRUMENTATION

NOT TO SCALE

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