NOTES:

A. EXPANSION JOINT: GUIDED BELLOWS TYPE WITH ANCHOR FOOT. SIZE EXPANSION JOINT FOR THE CALCULATED THERMAL EXPANSION. EXPANSION JOINTS MUST HAVE INTEGRAL ANCHOR FOOT MOUNTED DIRECTLY TO A MASSIVE CONCRETE ANCHOR IN MANHOLES, TUNNELS, AND BUILDINGS.

B. PIPE GUIDES: SLIP RING TYPE PIPE ALIGNMENT GUIDES WITH THE GUIDES ON THE MOVEMENT SIDE OF THE EXPANSION JOINT SPACED AT INTERVALS SHOWN OR THE RECOMMENDED PIPE SUPPORT SPACING, WHICHEREVER IS LESS.

C. NORMAL FIXED SIDE PIPING: ALIGNED WITH THE AXIS OF THE EXPANSION JOINT.

D. OPTIONAL FIXED SIDE ANGLE PIPING. FOR ONE-WAY BELLOWS ONLY.

E. SLIP MOUNT FOOT: FITTED TO SLIDE ON ITEM SLIDE PLATE WHEN COLD BUT NOT WELDED TO PLATE. FOOT NOT MORE THAN TWENTY-FOUR (24) INCHES FROM EXPANSION JOINT FIXED END. NOT REQUIRED WHEN ElBOW IS WELDED DIRECTLY TO EXPANSION JOINT.

F. SLIDE PLATE: BOLTED TO CONCRETE ANCHOR MASS.

G. ANCHOR BOLTS: CAST BOLTS INTO CONCRETE ANCHOR. SIZE BOLTS PER EXPANSION JOINT MANUFACTURER’S WRITTEN INSTRUCTIONS.

H. PROVIDE DRAIN PORT ON STEAM LINE EXPANSION JOINTS ONLY. TRAP DRAIN PORT. SEE TRAP DETAIL MS-55.