NOTES:
1. SEE COMBINATION HEATING/DOMESTIC WATER HEATING APPLICATIONS GUIDE TAG—0050 AND WIRING DIAGRAM SD–A–894 FOR COMPLETE APPLICATION AND CONTROLS DETAILS.
2. THE ABOVE DIAGRAM DEPICTS THE COMBINATION HEATING/DOMESTIC WATER PIPING ONLY. FOR GAS PIPING AND THE REST OF THE WATER–SIDE PIPING DETAILS, REFER TO APPROPRIATE MODULEX BOILER INSTALLATION DRAWINGS.
3. FOR ACTUAL SIZES AND LOCATIONS OF PIPING AND OTHER CONNECTIONS TO THE BOILER, SEE APPROPRIATE MODULEX BOILER DIMENSIONAL DRAWING.
4. REFER TO SMARTPLATE APPLICATIONS GUIDE, SP–1010, FOR BUFFER TANK SIZING.
5. REFER TO SMARTPLATE INSTALLATION DRAWINGS FOR RECOMMENDED DOMESTIC PIPING INSTALLATION:
   SD–A–772, SD–A–773, SD–A–774, SD–A–775, SD–A–776, SD–A–777
6. BOILER PUMP MUST BE SIZED TO PROVIDE THE APPROPRIATE FLOW AT THE DESIGN ΔT OF BOILER PLANT.
   BOILER PUMP MUST MAINTAIN MODULEX BOILER(S) REQUIRED MINIMUM FLOW:
   MLX 303 – 11 GPM MINIMUM FLOW
   MLX 454 – 17 GPM MINIMUM FLOW
   MLX 506 – 22 GPM MINIMUM FLOW
   MLX 1060 – 39 GPM MINIMUM FLOW
7. THIS IS A TYPICAL INSTALLATION DRAWING. LOCAL CODES AND AUTHORITIES SHOULD BE CONSULTED.
8. INSTALL THE ACS HEADER SENSOR AND THE AQUASTAT IN THE BUFFER TANK SYSTEM SUPPLY PIPING.
9. THE SYSTEM PUMP SHALL BE OPERATED CONSTANTLY OR CONTROLLED BY THE BUILDING CONTROLS.