



STEAM HEATING COIL PIPING DIAGRAM

NO SCALE

NOTES:

1. STEAM MAINS, RETURN MAINS AND TRAPS SHOULD BE ANCHORED AND SUPPORTED INDEPENDENTLY OF THE VIFB COIL(S).
2. PIPE STEAM TO EACH COIL TO PROVIDE EQUAL PRESSURE DROP AT EACH COIL.
3. STEAM TRAPS SHALL BE SIZED FOR THREE TIMES THE CALCULATED LOADING AT THE COIL DESIGN CONDITIONS. FOR EACH COIL, PROVIDE TWO FULL SIZE TRAPS WITH ISOLATION VALVES ON BOTH SIDES.
4. RETURN LINE SHALL BE FULL SIZE OF COIL HEADER CONNECTION TO TRAP (INCLUDING STRAINER).
5. TEE OF BRANCH PIPING TO COIL IN SAME PLANE AS STEAM MAIN. PIPE DOWN TO COIL FOR GRAVITY DRAIN.
6. INSTALL UNIT WITH ENOUGH VERTICAL CLEARANCE FOR GRAVITY RETURN CONDENSATE LINE AND DIRT LEG AND CAP REMOVAL.
7. PROVIDE VACUUM BREAKER WHERE COIL LOCATED ABOVE CEILING, OTHERWISE USE CHECK VALVE. TYPICAL FOR 3 LOCATIONS.

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