



#### PLAN NOTES

- ① PROVIDE BUTTERFLY VALVES IN LIEU OF BALL VALVES WHEN PIPE SIZES ARE ABOVE 2", (TYPICAL).
- ② INSTALL AT LOWEST POINT IN PIPING BETWEEN BYPASS AND COIL.
- ③ SET PRESSURE DROP ACROSS BYPASS CALIBRATED BALANCING VALVE TO MATCH COIL FULL FLOW PRESSURE DROP.
- ④ INSTALL MODULATING VALVE SO THAT STEM IS VERTICAL.
- ⑤ THERMOMETERS TO BE PROVIDED ONLY FOR AHU COILS.
- ⑥ INSTALL AT HIGHEST POINT IN PIPING.
- ⑦ SEAL PENETRATIONS AIRTIGHT.
- ⑧ COIL TRIM SIZE AS NOTED. REDUCE TO CONNECTION SIZE AT COIL.
- ⑨ NOTE THAT 3 WAY VALVE SHOULD BE PIPED SUCH THAT COIL RETURN IS PIPED TO NORMALLY OPEN PORT OF VALVE.
- ⑩ NC - NORMALLY CLOSED PORT  
 NO - NORMALLY OPEN PORT  
 C - COMMON
  - NOTE THAT PORT DESIGNATIONS MAY DIFFER DEPENDING ON MANUFACTURER'S DESIGN; MC TO VERIFY WITH ECC.

## A 3-WAY HEATING WATER COIL PIPING DETAIL

NO SCALE

