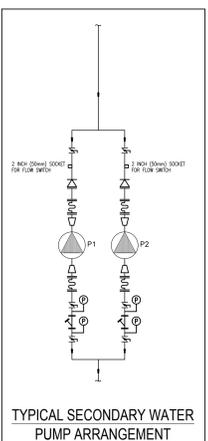
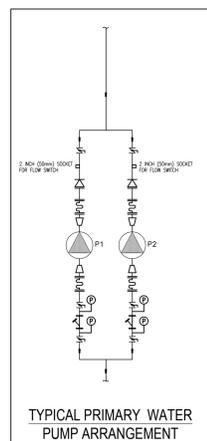
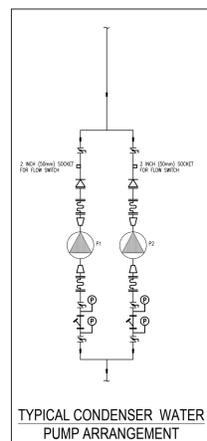
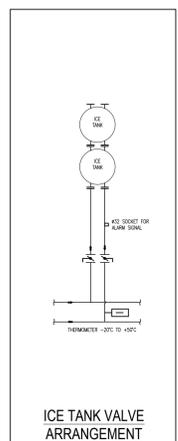
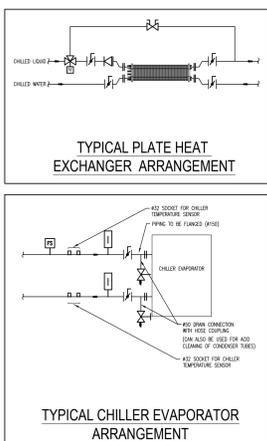
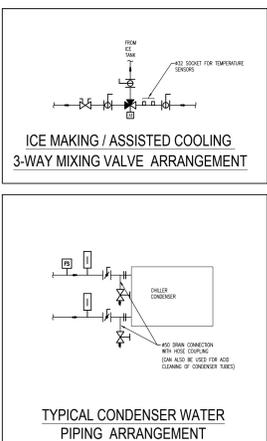
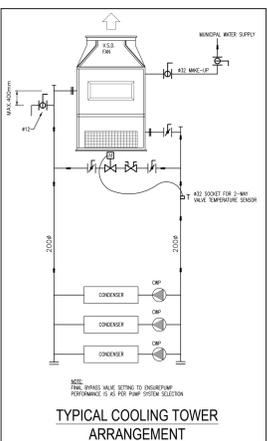
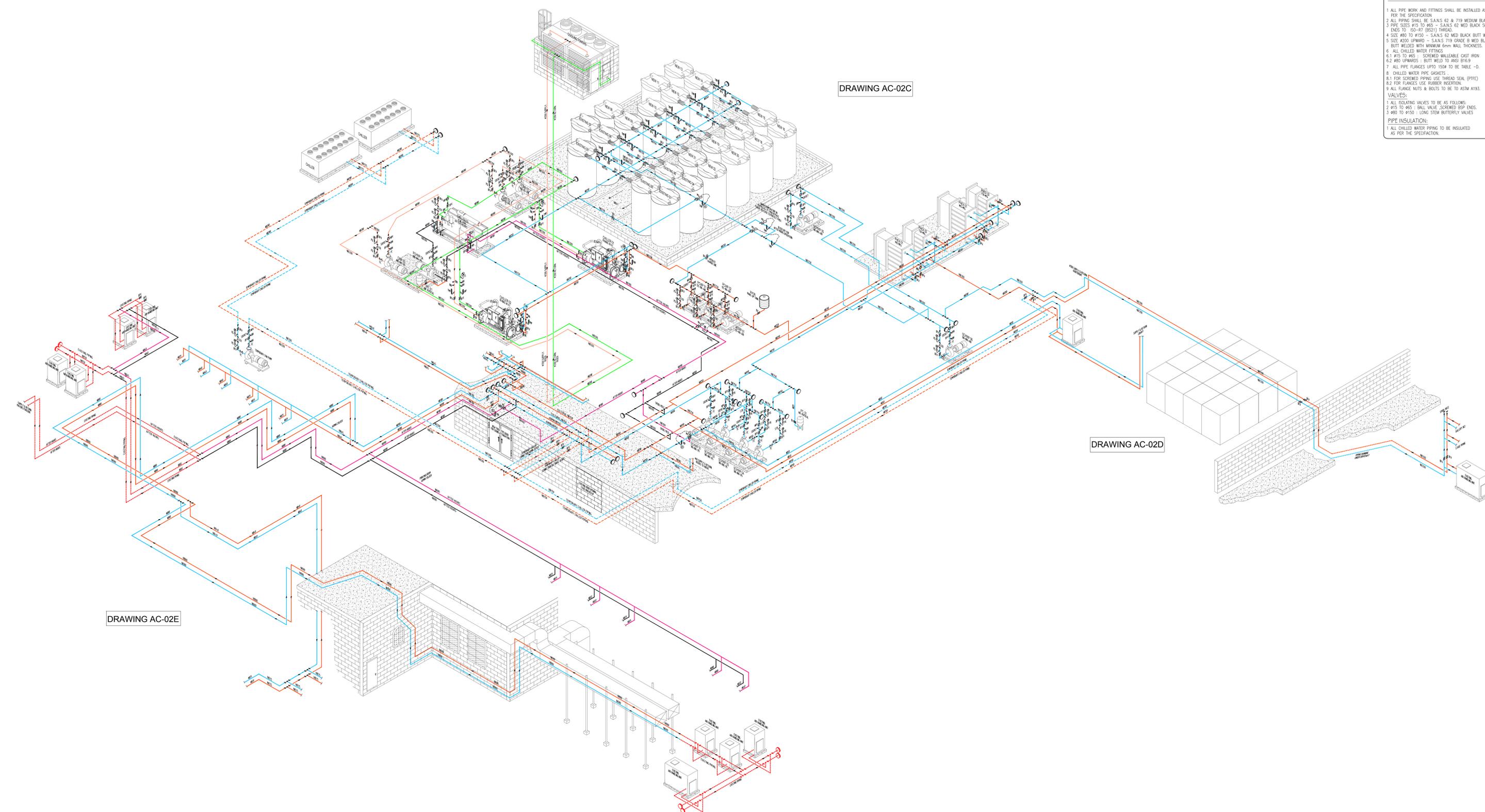


- CHILLED WATER PIPING NOTES:**
1. ALL PIPE WORK AND FITTINGS SHALL BE INSTALLED AS PER THE SPECIFICATION.
 2. ALL PIPING SHALL BE S.A.N.S. 62 & 719 MEDIUM BLACK.
 3. PIPE SIZES #15 TO #65 - S.A.N.S. 62 MED BLACK SCREWED ENDS TO ISO-87 (BS21) THREAD.
 4. SIZE #80 TO #150 - S.A.N.S. 62 MED BLACK BUTT WELDED.
 5. SIZE #200 UPWARD - S.A.N.S. 719 GRADE B MED BLACK BUTT WELDED WITH MINIMUM 6mm WALL THICKNESS.
 6. ALL CHILLED WATER FITTINGS:
 - 6.1 #15 TO #65 - SCREWED MALLEABLE CAST IRON.
 - 6.2 #80 UPWARDS - BUTT WELD TO ANSI 516.9.
 7. ALL PIPE FLANGES UP TO 150# TO BE TABLE -D.
 8. CHILLED WATER PIPE GASKETS:
 - 8.1 FOR SCREWED PIPING USE THREAD SEAL (PTFE).
 - 8.2 FOR FLANGES USE RUBBER INSERTION.
 9. ALL FLANGE NUTS & BOLTS TO BE TO ASTM A193.
- VALVES:**
1. ALL ISOLATING VALVES TO BE AS FOLLOWS:
 - 2 #15 TO #65 - BALL VALVE, SCREWED BSP ENDS.
 - 3 #80 TO #150 - LONG STEM BUTTERFLY VALVES.
- PIPE INSULATION:**
1. ALL CHILLED WATER PIPING TO BE INSULATED AS PER THE SPECIFICATION.

DRAWING AC-02C

DRAWING AC-02D

DRAWING AC-02E



SYMBOLS LEGEND

1) ICE MAKING MIXER	ICE MAKING 3-WAY CHANGE OVER VALVE
UNIVERSAL FLOW CONTROL VALVE	3-WAY MIXING VALVE - FOR WATER ROOM COOLING TO EXISTING BLOCK IF REQUIRED
2) ICE CONDENSER MIXER	3-WAY MIXING VALVE - FOR WATER ROOM COOLING TO EXISTING BLOCK IF REQUIRED
ACC. TO A THERMOSTATIC MIXING VALVE	3-WAY MIXING VALVE - FOR WATER ROOM COOLING TO EXISTING BLOCK IF REQUIRED
3-WAY MIXING VALVE	3-WAY MIXING VALVE - FOR WATER ROOM COOLING TO EXISTING BLOCK IF REQUIRED
CONTROLLED BY LEADING CHW THERMOSTAT IN THE SECONDARY CIRCUIT	3-WAY MIXING VALVE - FOR WATER ROOM COOLING TO EXISTING BLOCK IF REQUIRED
3-WAY MIXING VALVE	3-WAY MIXING VALVE - FOR WATER ROOM COOLING TO EXISTING BLOCK IF REQUIRED
CONTROLLED BY LEADING CHW THERMOSTAT IN THE SECONDARY CIRCUIT	3-WAY MIXING VALVE - FOR WATER ROOM COOLING TO EXISTING BLOCK IF REQUIRED
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CONTROLLED BY LEADING CHW THERMOSTAT IN THE SECONDARY CIRCUIT	3-WAY MIXING VALVE - FOR WATER ROOM COOLING TO EXISTING BLOCK IF REQUIRED
ISOLATING VALVE - BUTTERFLY	NON RETURN VALVE
MOTORIZED ISOLATING VALVE BUTTERFLY (CLOSED)	REDUCER
ISOLATING VALVE - BALL	FLEXIBLE CONNECTION
ISOLATING VALVE - GLOBE	BRIDLE FITTING
ISOLATING VALVE - GATE	PRESSURE GAUGE
FLOW RESTRICTING VALVE - ORIFICE VALVE	PRESSURE GAUGE WITH GAUGE COOK
MOTORIZED 3-WAY VALVE	TEMPERATURE
MOTORIZED 3-WAY VALVE	FLOW SWITCH
AIR VENT	WASH
1/2" NCH (25mm) SOCKET WITH DAMPING SPRING	FLANGED CONNECTION
3" NCH (75mm) SOCKET FOR FLOW SWITCH	STRAINER