


























1. INSULATION ON EXTERIOR PIPING TO BE COMPLETE WITH CONTINUOUS ALUMINUM JACKET.
2. SPACE REFRIGERANT PIPES 75 mm NOM. HORIZONTALLY O.C.
3. PROVIDE MINIMUM 25 mm GROUT PAD ON CONCRETE FLOOR IN BOILER ROOM.



SYMBOL	DESCRIPTION
	CHILLED WATER SUPPLY
	CHILLED WATER RETURN
	CONDENSATE RETURN
	HOT WATER SUPPLY
	HOT WATER RETURN
	RAIN WATER LEADER
	REFRIGERANT PIPING
	STEAM PIPING
	PIPE WITH RIGID EXTERIOR INSULATION
	ELBOW UP
	ELBOW DOWN
	CONNECTION BOTTOM
	CONNECTION TOP
	CAP OFF
	FLEXIBLE CONNECTION
	UNION CONNECTION
	LINE STRAINER
	PUMP
	SERVICE PORT
	EXPANSION VALVE
	BALL VALVE
	BALANCING VALVE
	CHECK VALVE
	GATE VALVE
	SOLENOID VALVE (NORMALLY OPEN)

ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
EMCS	ENERGY MANAGEMENT AND CONTROL SYSTEM
CH	CHILLER MODULE
CHS	CHILLED WATER SUPPLY
CHR	CHILLED WATER RETURN
CU	CONDENSING UNIT
EF	EXHAUST FAN
L/s	LITRES PER SECOND
VFD	VARIABLE FREQUENCY DRIVE

