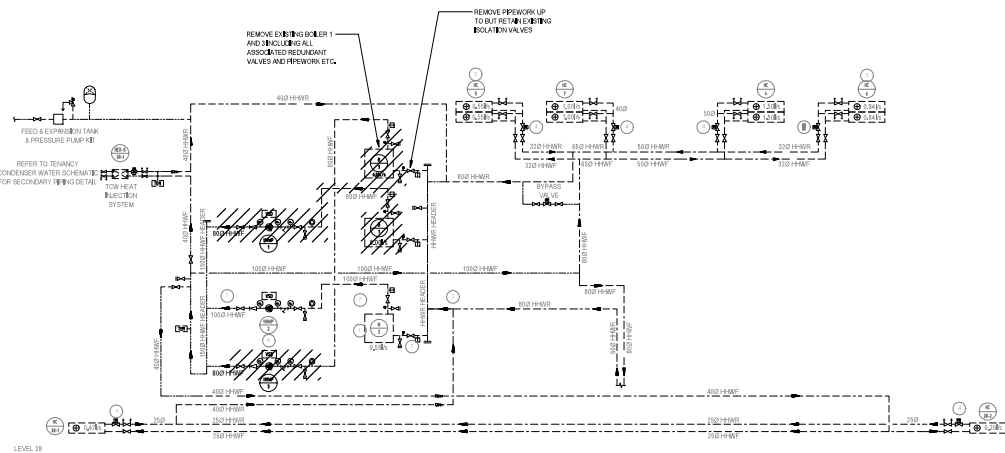


PROPOSED HEATING HOT WATER SCHEMATIC

N/A

PUMP SCHEDULE	
SYSTEM	HHWP-1
PLANT SERVED	HEATING HOT WATER CIRCULATING PUMP
PUMP TYPE	CENTRIFUGAL IN-LINE
FLOW (L/s)	10.1
ESTIMATED HEAD (kPa)	200
MAX. OPERATING TEMP. (°C)	90
MOTOR TYPE	TEFC
MAXIMUM MOTOR SPEED (rpm)	2800 CONSTANT SPEED
MOUNT TYPE	DOUBLE RUBBER IN SHEAR ON PLINTH
VOLTAGE / PHASES	415 / 3
ESTIMATED POWER (kW / Amps)	11 / 20
NOMINAL SELECTION	BAKEFLOW 8850-16



EXISTING CONDITIONS & DEMOLITION HEATING HOT WATER SCHEMATIC

N/A

HEATING HOT WATER HEATER (BOILER) SCHEDULE	
EQUIPMENT ITEM DESIGNATION	B-1
PLANT SERVED	BASE BUILDING
NUMBER OFF	1
HEATING CAPACITY (kW)	300
WATER FLOW (NOMINAL) (l/s)	10.1
WATER FLOW (MFD) (l/s)	AS PER MANUFACTURERS DETAILS
MAXIMUM TEMPERATURE (°C)	90
WATER TEMPERATURE ENTERING (°C)	75
WATER TEMPERATURE LEAVING (°C)	55
MAXIMUM OPERATING PRESSURE (kPa)	600
MAXIMUM PRESSURE DROP (kPa)	30
ELECTRICAL SUPPLY	415 / 3Ø
GAS CONNECTION	50Ø
ENERGY INPUT (MJ/h) MAX	3170
GAS BURNER TYPE	MODULATING FAN ASSISTED
NOMINAL SELECTION	FTC-600