



LEGEND

- IV ISOLATION VALVE
- LSV LOCK SAFETY VALVE
- DRV DOUBLE REGULATING VALVE
- NRV PRESSURE REDUCING SAFETY VALVE
- PRV NON-RETURN VALVE
- COMMISSIONING VALVE SET
- PRV PRESSURE RELIEF VALVE
- 2 PORT CONTROL VALVE
- 3 PORT CONTROL VALVE
- SAFETY REGULATING VALVE (ANGLE)
- 3 WAY VENT COCK
- AV AIR VENT
- DC DRAIN COCK
- SV SAFETY VALVE
- P PRESSURE GAUGE
- T TEMPERATURE GAUGE
- T TEMPERATURE SENSOR
- TP TEST POINT
- FS FLOW SWITCH
- M METER
- ORIFICE PLATE
- FC FLEXIBLE COUPLING
- STR STRAINER
- PUMP PUMP
- AAV AUTOMATIC AIR VENT
- END CAP
- TUNDISH
- TX PRESSURE DIFFERENTIAL TYPE TRANSDUCER - OUTPUTS (FOR BOTH LTHW RISERS) MUST BE FED INTO BEMS MINIMUM SIGNAL SELECTOR
- DP DIFFERENTIAL PRESSURE SWITCH
- HD HEAT DETECTOR AIR ELIMINATOR
- THM THERMAL HEAT METER
- OP ORIFICE PLATE
- DADPCV DIRECT ACTING DIFFERENTIAL PRESSURE CONTROL VALVE - REMAINS CLOSED ABOVE MINIMUM HEAD

PIPEWORK INFORMATION CRUCIFORM

FLOW RATE (kg/s)	PIPE SIZE (mm)

* = DIVERSIFIED FLOW RATE

REVISIONS

NO.	DESCRIPTION
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DATE	DRAWN
23.06.2012	M. Keenan

SCALE	APP.
NTS	D. Pay

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RELATED DOCUMENTS
This drawing should be read with the appropriate Specification (s) and Schedule (s) and all other standard documentation.

WARNING
Do Not Scale from this drawing. Verify all dimensions, levels and structural details on site.

ASSUME THIS SET-UP IS OK?
3 No. CONNECTIONS TO STORE?
FOURTH CONNECTION BYPASSES BETWEEN FLOW AND RETURN WITH NO REGULATION/ISOLATION?
3 PORT VALVE PURPOSE AND POSITION?
FLOW CONN FROM CHP IN BOTTOM OF STORE THEN OUT TOP TO HEADER - OK?

FOR APPROVAL