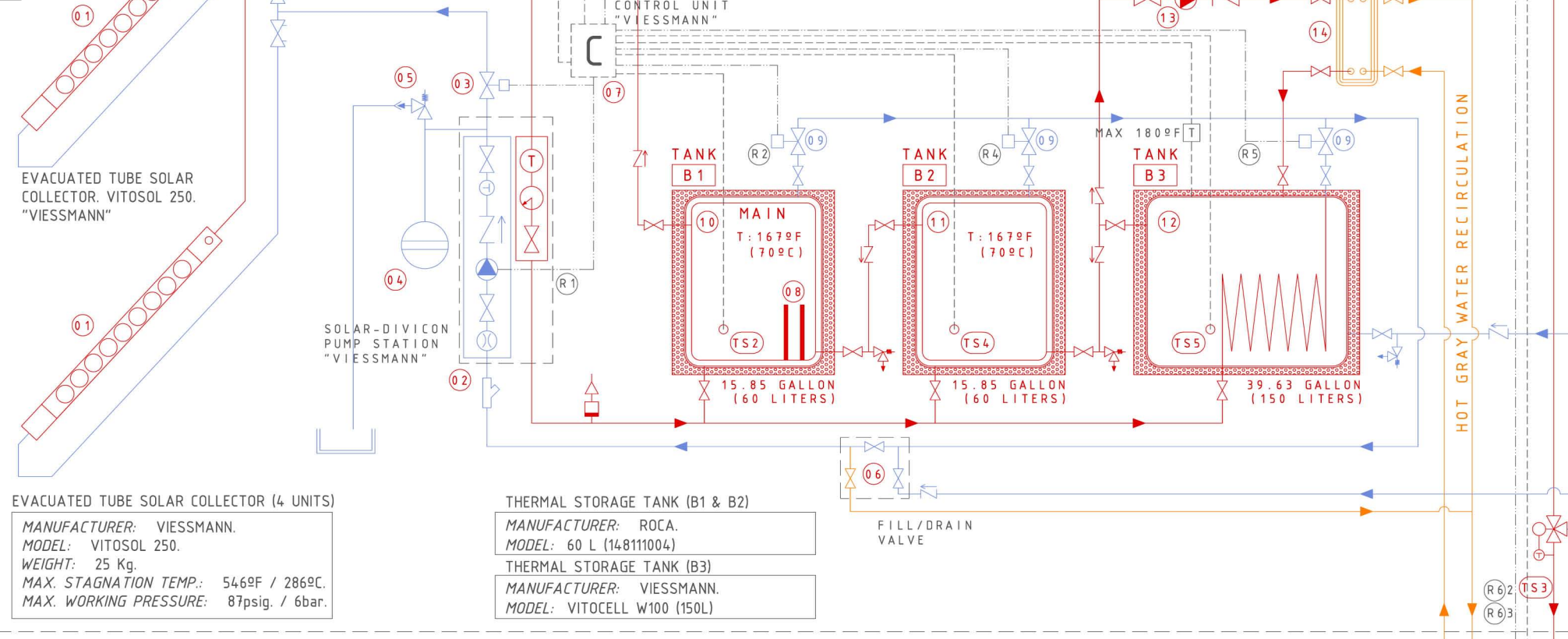


SOLAR WATER HEATING SYSTEM

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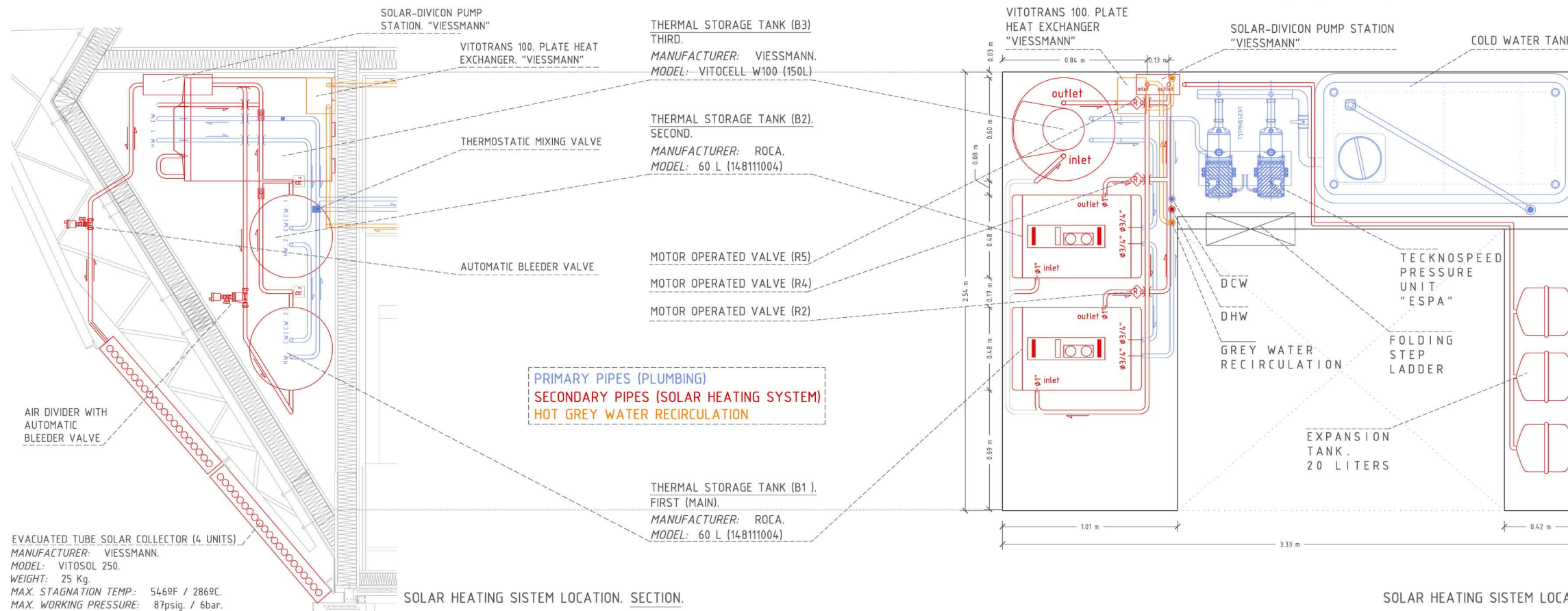


SOLAR HEATING SYSTEM. MAIN ELEMENTS.

- 01 EVACUATED TUBE SOLAR COLLECTORS.
- 02 PUMP STATION.
- 03 MOTOR OPERATED SHUTOFF VALVE.
- 04 EXPANSION TANKS (60 LITERS).
- 05 SAFETY PRESSURE RELIEF VALVE.
- 06 FILL/DRAIN VALVE.
- 07 CONTROL UNIT.
- 08 BACKUP RESISTANCE FOR DHW HEATING.
- 09 MOTOR OPERATED VALVE.
- 10 FIRST TANK (MAIN). 60 LITERS.
- 11 SECOND TANK. 60 LITERS.
- 12 THIRD TANK. 150 LITERS.
- 13 SECONDARY CIRCUIT RECIRCULATION PUMP.
- 14 PLATE HEAT EXCHANGER.

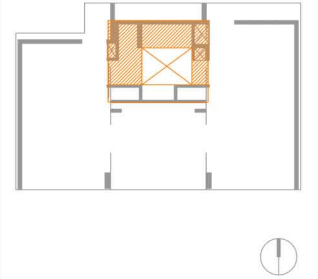
SYMBOLS

- BALL VALVE
- FAUCET
- PUMP
- CHECK VALVE (BACKFLOW PREVENTION)
- BALANCING VALVE
- AUTOMATIC BLEEDER VALVE
- AIR DIVIDER WITH AUTOMATIC BLEEDER VALVE
- MOTOR OPERATED VALVE
- MOTOR OPERATED VALVE 3 WAYS
- MOTOR OPERATED VALVE 3 WAYS PROPORTIONAL
- SAFETY PRESSURE RELIEF VALVE WITH EMPTYING DEVICE
- FILTER
- DRAINAGE
- EXPANSION TANK
- MANOMETER
- TEMPERATURE SENSOR
- THERMOSTAT
- THERMOMETER
- FLOW REGULATOR

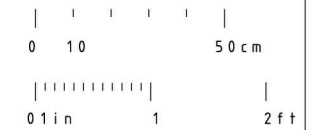


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DATE: 08.04.2005



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01/03

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MECHANICAL DRAWINGS: SHS.