

- d) The Developer shall submit a request for a service connection to the relevant Service Authority upon completion of construction, accompanied by a detailed drawing indicating the exact location of the storage reservoir(s) (daily water demand) and connection location with diameter.
- e) Developers shall pay a one-time connection charge and all other charges thereof in accordance with Authority charges.

5.2.5 District Cooling

- a) District cooling network supplied by the Authority is provided to each plot terminating at a valve chamber located within the plot.
- b) The Developer shall be responsible for the provision of an Energy Transfer Station (ETS) to be located within his development. The Developer is also responsible for the connection to the district cooling network valves in order to provide Air Conditioning to his development.
- c) All Installations shall comply with the relevant Service Authority Specifications, Standards and Regulations.
- d) The Developer shall submit a request for a service connection to the Service Authority accompanied with detailed drawings indicating location of the building ETS along with related Piping and Instrumentation Diagrams (P&ID) and cooling load requirements.
- e) The Developer shall provide at the main connection to the building ETS station a Btu/Energy meter in compliance with the Service Authority requirements.
- f) The Developer shall, as a minimum requirement, make available for reading, monitoring and control via a DDC (BMS) Controls connection to the Service Authority site wide control network of the following:
 - o Btu/Energy meter reading
 - o ring and control of ETS station heat exchanger (District Cooling side only)
- g) The Developer shall pay a onetime connection charge in addition to all others usage charges thereof in accordance with the Service Authority charges.

- 5.3.3 Roof finish shall have a gradient of at least 1:80 capable of directing storm water to suitable outlets or down pipes, which shall discharge freely at ground level.
- 5.3.4 Channels, gutters, outlets or down pipes shall be of durable material with suitable watertight joints, in accordance to Authority standards.
- 5.3.5 Down pipes shall be at least 80 mm diameter, securely attached to the building.
- 5.3.6 Public parking shall be provided with channels and gutters inlets designed to a minimum rainfall intensity of 64 mm per hour and a minimum time of concentration of 10 minutes.

5.3 Storm Water Drainage

- 5.3.1 Storm water installations shall comply with the relevant Service Authority and DM regulations, the Authority requirements and the British Standards.
- 5.3.2 Roof drainage network shall be designed to a frequency return period of five years.