



**NOTES:**

1. Specific site conditions may require an increase in these dimensions or reinforcement. It is the customer's responsibility to ensure the concrete encasement is designed for the application. *Engineering advice may be required.*
2. A minimum concrete strength of 25MPa is recommended. The concrete should be vibrated to eliminate air pockets.
3. Expansion and crack control joints are recommended to protect the channel and the concrete encasement. *Engineering advice may be required.*
4. The pavers must be installed flush with the top of the channel edge and be fully bonded to the concrete encasement.
5. Refer to ACO's latest installation instructions for complete details.

The trench drainage system shall be ACO's **KerbDrain QK200SM** system as manufactured by ACO Polycrete Pty Ltd.

ACO's **KerbDrain QK200SM** polymer concrete channel is a monolithic one piece channel with no removable parts with a standard 150mm kerb height.

The constant depth system shall be complete with large, drainage inlet slots (70mm wide x 129mm high) to reduce blockage with the manufacturer's standard **KerbDrain QK200SM** channel for a semi-mountable kerb profile which meets Main Roads WA's Type SM kerb profile.

ACO's **KerbDrain QK200SM** channels shall be connected to **QK200SM** access units.

**QK200SM** access units are to be positioned at the ends of the drain and at intermediate intervals to allow access through a removable lid for the effective cleaning and maintenance of the drain during service.

All materials and components within the scope of this system shall be obtained from this manufacturer and the work shall be carried out as specified on the drawings.

The system shall be installed in accordance with the manufacturer's printed instructions.