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Type A (propietary precast) and Type B (in situ) systems are applicable to flexible, flexible composite, rigid or rigid composite carriageway with any neccessary modifications.

- 2. The sealing strips and the vertical part of the geotextile drainage membrane are shown for when the linear drainage system is constructed before the pavement and/or concrete safety barrier. They shall be fixed to the pavement and/or concrete safety barrier edge when the pavement and/or concrete safety barrier is cast before the linear drainage system.
- 3. The geotextile drainage layer and drain to Drawing Nos. F18, 19 & 20 may be omitted if there is no drainage discontinuity in the pavement and capping layers. pavement edge when pavement cast before block.
- 4. Sealing strip to be to Clause 1014 of S.H.W.
- 5. Concrete between the proprietary system and the URC, JRC, CRCP or CRCR concrete slab shall be strength class C28/35 to a depth of not less than the thickness of the slab.
- 6. Proprietary precast system and associated bed and backing concrete must be constructed in accordance with manufacturers' recommendations and be isolated from adjacent in situ concrete construction by suitable sealed expansion joints.
- 7. Sealing strips required between in situ system and adjacent concrete safety barrier, and between in situ system and adjacent rigid or rigid composite carriageway.
- 8. Notwithstanding other tolerances in the Specification, the finished level of the linear drainage system shall not be higher nor more than 10mm lower than the finished level of the edge of the adjacent carriageway or hardstrip.
- 9. Notwithstanding the slot dimensions given in SHW sub-Clause 517.5, on motorways where single slotted linear drainage channels are used with a concrete safety barrier, straight slots between 10mm and 32mm may not be restriced to limitations in length.
- 10. Where used in conjunction with a thin surfacing the under drainage shown in F21 shall apply in full.

CENTRAL RESERVE

LINEAR DRAINAGE SYSTEM

Drawing	No.

B17



SURFACE WATER CHANNEL REQUIRING SAFETY BARRIER PROTECTION Drawing No.

B18