Notes:
1. To be interpreted in conjunction with the current Water Transmission and Distribution Policies and Design Guidelines, the Approved Manufacturers Products for Linear Water Systems list and BSD-515 for tracer wire detail.
2. See Detail #1 for PVC push-on joint.
3. All concrete thrust blocks to be poured against undisturbed ground.
4. Polyethylene bond breaker to be used between concrete and fittings.
5. Bolts for buried flange connections are to be stainless steel.
6. Hydrant lead shall be restrained from watermain to hydrant boot.

Note: Concrete thrust block minimum cover as specified.

19mm threaded rods (galvanised or bituminous paint)
19mm nut c/w so. washer
PVC Tee
U/G Bell clamps
Hydrant valve push-on style
PVC Push-on Tee & Valve

Detail #1

Anchor tee
Watermain
Concrete thrust block
Bedding as specified
150mm resilient seat valve
Concrete support
Restraining gland

150mm diameter pipe
150mm diameter min.
150mm resilient seat valve

Concrete support
19mm clear stone
900mm wide

Drain hole

8mm polyethylene covering

Tracer wire not permitted in valve boxes.

Slide type valve box with upper and lower section.

Variable (700mm min.)
50mm min.
100mm max.

25mm (min.) conduit

Hydrant

Approved three terminal hydrant test station

19mm nut c/w so. washer
19mm threaded rods (galvanized or bituminous paint)