

**NOTES:**

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. TYPE 4 CROSSING NOT SUITABLE FOR INSTALLATION IN CONTAMINATED SOILS.
3. TYPE 4 CROSSING TO BE DESIGNED TO WITHSTAND A DESIGN PRESSURE OF 120m AND A TEST PRESSURE OF 150m HEAD OF WATER.
4. SHOW GEOMETRY OF CROSSING ON DESIGN AND WORK AS CONSTRUCTED DRAWINGS. DRILL COORDINATES (X,Y,Z) TO BE RECORDED EVERY 10m. COORDINATES TO BE RECORDED ON WORK AS CONSTRUCTED DRAWINGS.
5. PE PIPE SHALL BE BUTT WELDED IN ACCORDANCE WITH WSA 01-2001 POLYETHYLENE PIPELINE CODE UNLESS NOTED OTHERWISE. ALL WELDS SHALL BE INTERNALLY DE-BEADED.
6. ALL FLANGES SHALL BE TO AS4087. ALL NUTS, BOLTS AND WASHERS SHALL BE GRADE 316 STAINLESS STEEL.
7. THE DESIGNER SHALL LOCATE ALL EXISTING AND PROPOSED SERVICES AND RECORD DETAILS ON THE DESIGN DRAWINGS.
8. THE CONSTRUCTOR SHALL CONFIRM THE LOCATION AND LEVEL OF ALL EXISTING SERVICES PRIOR TO COMMENCING CONSTRUCTION OF THE CROSSING.

Sydney
WATERSTATE OF NEW SOUTH WALES THROUGH SYDNEY
WATER CORPORATION. ALL RIGHTS RESERVED

APPROVED

PETER GILLMAN
MANAGER E & ES

ENGINEERING & ENVIRONMENTAL SERVICES

A
LETTERORIGINAL ISSUE
DETAILS OF ISSUE / AMENDMENTPJG
APP'D31/01/12
DATE

DEEMED TO COMPLY DRAWINGS

CROSSINGS UNDER OBSTRUCTIONS
DN125 & DN180 WATER MAINS**TYPE 4 - TRENCHLESS PE MAIN INSTALLATION****DTC****1127**

ISSUE

DATE

A**31/01/12**