

DN20, DN25 & DN50 HORIZONTAL BORING DETAIL

JAN'24

DEC'21

NOV'20

OCT'18

DATE CKD APPD

DRN

NOTE 8 ADDITION

NO

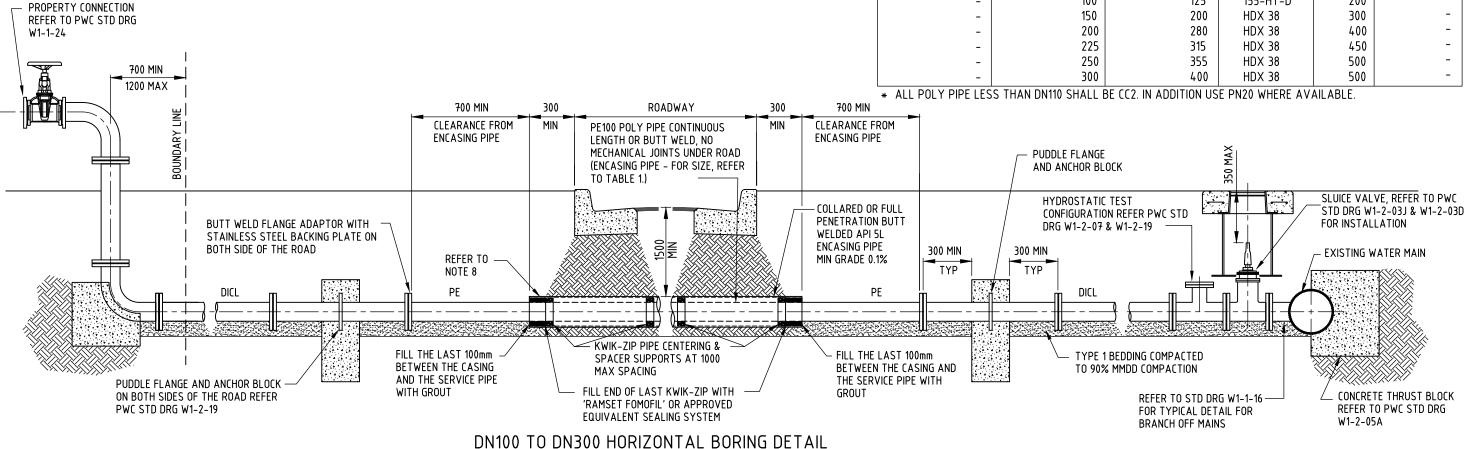
GENERAL AMENDMENTS 2021

REDRAWN & AMENDED 2020

DESCRIPTION

AMENDMENTS

ISSUED FOR INFORMATION



NOTES:

- 1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE
- 2. COPPER ALLOY SHALL BE DEZINCIFICATION RESISTANT (DR) TO AS2345.
- USE SILVER BRAZING ALLOY (MIN 2% SILVER TO AS 1167.1) FOR ALL CAPILLARY JOINTING OF COPPER PIPES AND FITTINGS OR ALTERNATIVELY, FOR HORIZONTAL JOINTS ABOVE GROUND PRESS FITTINGS MAY BE USED.
- 4. ONLY POWER AND WATER (OR ITS AUTHORISED CONTRACTORS) ARE PERMITTED TO TAP EXISTING IN-SERVICE (LIVE) MAINS OR MAINS THAT HAVE BEEN HYDROSTATICALLY TESTED. WITHIN LICENSED AREAS AND UPON PAYMENT OF THE NECESSARY FEES, POWER AND WATER WILL PERFORM TAPPING OF LIVE MAIN. HOWEVER, EXCAVATION, ALL MATERIALS AND INSTALLATION SHALL BE SUPPLIED BY THE CONTRACTOR.
- 5. PIPEWORK UNDER ROAD TO BE DISINFECTED AND FLUSHED (PWC TO WITNESS) BEFORE CONNECTION TO MAIN AND INSTALLATION OF WATER METER
- 6. ALL STEEL ENCASING PIPES TO BE API 5L WITH A MINIMUM THICKNESS AS CLOSE TO 10mm AS POSSIBLE.
- 7. ALL PE PIPE INSIDE ENCASING PIPE TO BE CONTINUOUS UNLESS AGREED WITH SUPERINTENDENT.
- 8. FILL VOID BETWEEN CARRIER PIPE AND BORED HOLE WITH GROUT. GROUTING MIX TO BE 1:1 (SAND:CEMENT) WITH A WATER CEMENT RATIO 1:0.67 BY WEIGHT USING FINE WELL ROUNDED SAND.

TABLE 1.

| <u> </u> | | | | | |
|------------------------|--------------------------|---------------------------|----------------|------------------|------------------|
| SERVICE / CARRIER PIPE | SERVICE/ CARRIER PIPE | SERVICE / CARRIER PIPE | SPACER | ENCASING PIPE | ENCASING PIPE |
| TYPE 'A' Cu (DN) | FLCL/DICL/PVC (DN) | PE100 CC2 (DN) | KWIK-ZIP MODEL | API 5 (DN) | PN12 PVCU (DN) |
| 20 | - | 25 * | _ | _ | 50 |
| 25 | _ | 32 * | _ | _ | 63 |
| 50 | _ | 63 * | _ | _ | 80 |
| - | 100 | 125 | 155-HT-D | 200 | - |
| - | 150 | 200 | HDX 38 | 300 | - |
| - | 200 | 280 | HDX 38 | 400 | - |
| _ | 225 | 315 | HDX 38 | 450 | - |
| - | 250 | 355 | HDX 38 | 500 | - |
| _ | 300 | 400 | HDX 38 | 500 | - |

PowerWater

NORTHERN TERRITORY

| | DES | T.M. | WA | TER STA | NDARD DRAWING | | | |
|----------------------|----------------|---------|--|---------|-------------------------------------|-----|--|--|
| | DRN | A.W. | CEL | VICES | | | | |
| | CHK | J.R. | - SERVICES - PROPERTY CONNECTIONS | | | | | |
| | APPD | D.C. | | | | | | |
| | SCALE | N.T.S. | THRUST/DIRECTIONAL DRILLING UNDER ROAD | | | | | |
| | ISSUED | OCT' 18 | Α3 | DRAWING | W1-1-33 | 2 | | |
| | ALL DIM. IN mm | | AS | NUMBER | w i- i- 33 | د ا | | |
| DRAFTING STANDARD TO | | | .S.1100 | | CAD PRODUCT - DO NOT AMEND MANUALLY | | | |