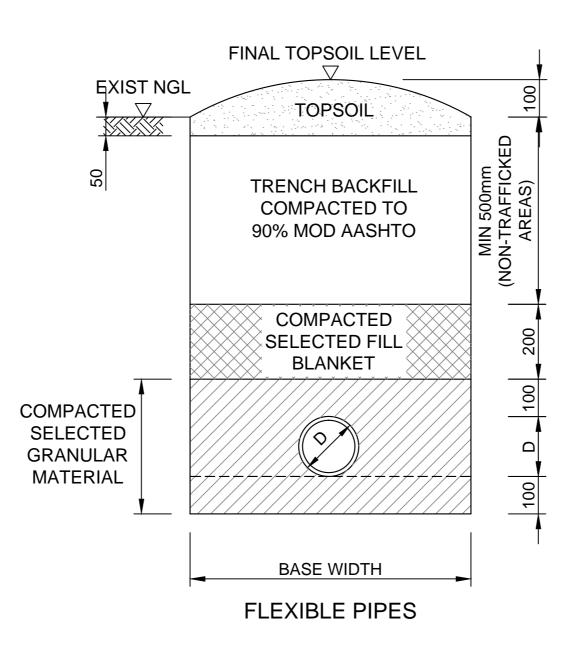


| DOUBLE AND TRIPLE PIPE TRENCH WIDTHS | |
|--------------------------------------|------------|
| PIPE DIA | BASE WIDTH |
| PIPE 1: 250mm Ø AND PIPE 2 : 160mm Ø | 1100mm |
| PIPE 1: 250mm Ø AND PIPE 2 : 110mm Ø | 1100 mm |
| PIPE 1: 250mm Ø AND PIPE 2 : 75mm Ø | 1000mm |
| PIPE 1: 250mm Ø AND PIPE 2: 50mm Ø | 1000 mm |

NOTE: MINIMUM SPACING BETWEEN PIPES AND BETWEEN PIPES AND TRENCH WALL TO BE 225mm

PIPE BEDDING DETAILS: RIDGID PIPE

SCALE 1:10



| SINGLE PIPE TRENCH WIDTHS | |
|------------------------------------|------------|
| PIPE DIA | BASE WIDTH |
| UP TO AND INCLUDING 32mmØ | 400 mm |
| OVER 32mmØ UP TO AND INCL. 110mmØ | 500 mm |
| OVER 110mmØ UP TO AND INCL. 160mmØ | 600 mm |
| OVER 160mmØ UP TO AND INCL. 200mmØ | 650 mm |
| OVER 200mmØ UP TO AND INCL. 250mmØ | 700mm |

PIPE BEDDING DETAILS: FLEXIBLE PIPE

SCALE 1:10

NOTES: BEDDING

- 1. SELECTED GRANULAR MATERIAL:
 - BE FROM AN APPROVED COMMERCIAL SOURCE.
 - SELECTED GRANULAR MATERIAL TO HDPE PIPES MAY BE SELECTED EX-TRENCH MATERIAL AS LONG AS IT IS SELECTED, SIEVED AND MEETS THE REQUIREMENTS OF SANS 1200 LB AND IS APPROVED BY THE ENGINEER.
- 2. SELECTED FILL MATERIAL:
 - ALL SELECTED FILL MATERIAL MAY BE SELECTED EX-TRENCH MATERIAL AS LONG AS IT SELECTED AND SIEVED AND MEETS THE REQUIREMENTS OF SANS 1200LB AND IS APPROVED BY THE ENGINEER
- MINIMUM DENSITY IN LAYERS OF 200mm. AT ROAD CROSSINGS, TRENCH BACKFILL TO BE COMPACTED AS DETAILED AND TO BE STABILISED WITH LIME OR CEMENT.
- MATERIALS FOR TRENCH BACKFILL ARE TO COMPLY WITH THE REQUIREMENTS OF SABS 1200 DB AND MATERIALS FOR BEDDING ARE TO COMPLY WITH THE REQUIREMENTS OF SABS 1200 LB.
- DEPTHS FOR NON-TRAFFICKED AREAS, UNREGISTERED ROAD RESERVES AND REGISTERED ROAD RESERVES INCLUDING SLEEVE PIPE REQUIREMENTS.

- - ALL SELECTED GRANULAR BEDDING TO UPVC PIPES TO
- 3. BEDDING COMPACTION: SELECTED GRANULAR MATERIAL AND SELECTED FILL MATERIAL TO BE COMPACTED TO 90% MOD AASHTO MINIMUM DENSITY.
- TRENCH BACKFILL: TO BE COMPACTED TO 90% MOD AASHTO
- 5. REFER TO PSDB 5.4: EXCAVATION, FOR MINIMUM TRENCH

NOTES: GENERAL

- ALL VALVES TO BE CLOCKWISE CLOSING FLANGED CAST STEEL CLASS 16 RESILIENT SE/ GATE VALVES TO SANS 664.

WORKING PRESSURE 2500 kPa - TABLE 2500 WORKING PRESSURE 4000 kPa - TABLE 4000

LEGEND

19 Coronation Road



DEVELOPMENT - PHASE 1: COMMUNITY WATER SUPPLY

PIPE BEDDING DETAILS FOR DUAL PIPELINES

25177PA/1/DET-1