



NOTES:

1. BEDDING MATERIALS SHALL BE FULLY EXTENDED AND COMPACTED AGAINST TRENCH WALLS AND UNDER HAUNCHES. BEDDING MATERIALS SHALL BE PLACED AND COMPACTED IN MAX. 150 mm LAYERS.
2. NO MECHANICAL COMPACTION EQUIPMENT SHALL BE USED ON TOP OF PIPE PRIOR TO PLACING A MINIMUM OF 300 mm COVER.
3. PIPE SHALL BE BEDDED TO PROPOSED LINE AND GRADE WITH UNIFORM AND CONTINUOUS SUPPORT FROM BEDDING. BLOCKING WITH ANY HARD OBJECT SHALL NOT BE USED TO BRING THE PIPE TO GRADE.
4. FILTER FABRIC SHALL BE USED IF GROUNDWATER TABLE IS ABOVE THE TRENCH BED OR IF GROUNDWATER IS FLOWING INTO TRENCH THROUGH THE EMBEDMENT ZONE.
5. DESIGNED FOR UNBALANCED EARTH LOADS TO FACILITATE FUTURE WATERMAIN ACCESS.
6. THIS DRAWING IS APPLICABLE TO LARGE DIAMETER WATERMAINS SIZES 750 TO 2300 mm DIA.
7. DESIGNER/ENGINEER TO SPECIFY SURFACE RESTORATION AS REQUIRED.
8. PRIOR TO REMOVAL OF SUPPORT SYSTEM ANY VOIDS TO BE FILLED WITH APPROVED BACKFILL.

All dimensions are in millimetres unless otherwise shown.



ENGINEERING & CONSTRUCTION SERVICES STANDARD DRAWING

REV 0

APR 2017

**OPEN CUT PROTECTION FOR
NON-ENCASED PIPE
(HIGH DENSITY POLYETHYLENE)
HIGH AND MEDIUM RISK AREAS**

T-1110.01-4

NTS

SHEET 1