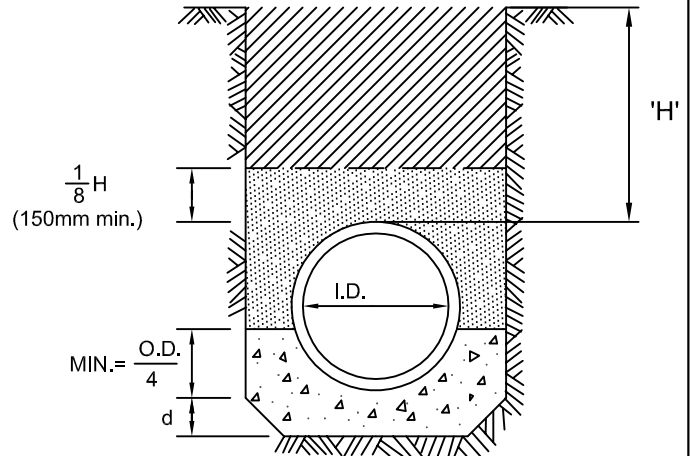


**CLASS B**  
**FIRST CLASS BEDDING**  
**LOAD FACTOR 1.9**



**CLASS A**  
**CONCRETE CRADLE**  
**LOAD FACTOR 2.8**  
( RIGID PIPE ONLY )

DEPTH OF MATERIAL BELOW PIPE

I.D.	d(MIN.)
≤ 675mm	100mm
750mm - 1500mm	100mm
> 1500mm	150mm

O.D. OUTSIDE DIAMETER  
I.D. INSIDE DIAMETER



PIT-RUN GRAVEL (MINUS 25mm)  
OR SAND

IN LAYERS NOT OVER 150mm AND  
COMPACTED BY SLICING WITH A  
SHOVEL OR TAMPING BAR.



CONCRETE  
28 DAY STRENGTH TO BE 20 MPa  
OR MORE.



HAND PLACED BACKFILL  
FINELY DIVIDED MATERIAL FREE FROM  
DEBRIS, STONES AND LARGE LUMPS.



MACHINE PLACED BACKFILL  
FREE FROM DEBRIS, LARGE LUMPS  
OR STONES OVER 150mm SIZE.

NOTES:

1. UNDER THE TRAVELLED PORTION OF THE ROAD & DRIVEWAYS, OR WITHIN 1.5m OF THE EDGE OF THE TRAVELLED ROAD, THE TRENCH WILL BE BACKFILLED WITH COMPACTED PIT-RUN GRAVEL OR EQUAL UP TO 300mm BELOW GROUND LEVEL. THE REMAINING 300mm TO BE BACKFILLED WITH ROAD GRAVEL.
2. FOR ROCK OR OTHER INCOMPRESSIBLE MATERIALS, THE TRENCH SHALL BE OVER-EXCAVATED A MIN. OF 150mm FROM THE OUTSIDE COUPLINGS OR BELLS OF THE PIPES AND REFILLED WITH GRANULAR MATERIAL. (MAX. AGGREGATE SIZE - 25mm).
3. FOR P.V.C. PIPES, BEDDING AND BACKFILL TO BE COMPACTED TO A MINIMUM OF 95 % STD. PROCTOR DENSITY.
4. THIS DRAWING SHOWS THE MINIMUM STANDARD. THE MANUFACTURER'S RECOMENDED BEDDING AND BACKFILLING SPECIFICATIONS WILL GOVERN IF MORE STRINGENT.