NOTES:
1. UNLESS DIRECTED OTHERWISE, PROVIDE PIPE STUB TO DEADWATER DRAINAGE TRENCH STUB TO BE 1000mm LONG X 100mm DIAM CORRUGATED POLYETHYLENE PIPE CLASS 400 TO AS 2439 (WITH END CAPS) INSTALLED ON THE UPSTREAM FACE OF MANHOLES.
2. BED ZONE MATERIAL: 5mm OR 10mm SCREENINGS, OR ALTERNATIVELY WASHED SCREENED BEDDING SAND TO GRADING SPECIFIED BELOW TO BED ZONE
   MINIMUM (mm) PASSING (% BY WEIGHT)
   9.5
   4.75
   2.36
   1.18
   0.60
   0.30
   0.15
3. EMBEDMENT ZONE MATERIAL: 5mm OR 10mm SCREENINGS
4. FOR FLEXIBLE PIPES, DEPTH OF COMPACTED BACKFILL (A) VARIES
   - MINIMUM 600 TO UNDERCUT OF CONSTRUCTED PAVEMENT OR
   - MINIMUM 750 TO FINISHED SURFACE LEVEL (WHICHEVER IS GREATER).
5. COMPACTED BACKFILL UNDER ROADS (RIGID AND FLEXIBLE PIPES): GRANULAR FILL COMPRISING CRUSHED ROCK (75mm MAXIMUM SIZE, NON PLASTIC OPEN GRADED MATERIAL) OR CRUSHER RUN RECYCLED CONCRETE, WHERE APPROVED UNDER SPECIAL CIRCUMSTANCES, STABILIZED SAND (1 PART CEMENT TO 12 PARTS SAND BY VOLUME) OR CONTROLLED LOW STRENGTH MATERIAL OR LEAN MIX CONCRETE OR CLASS 3 MATERIAL MAY BE PERMITTED.
6. COMPACTED BACKFILL UNDER FOOTPATHS AND BIKeways (RIGID AND FLEXIBLE PIPES): EXCAVATED MATERIALS PROVIDE ADEQUATE COMPACTION CAN BE OBTAINED ALTERNATIVELY USE GRANULAR FILL OR SAND.
7. INCREASE EXCAVATION LOCALLY AT SPOT AND SOCKET JOINTS (RIGID PIPES) TO ENSURE MINIMUM BOTTOM COVER AS SHOWN.
8. DIMENSIONS IN MILLIMETRES (U.N.O.).

FLEXIBLE PIPE SPACINGS 'Y' & 'Z'

<table>
<thead>
<tr>
<th>EXTERNAL DIA (mm)</th>
<th>SPACING 'Y'</th>
<th>SPACING 'Z'</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;1500, &lt;1500</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td>&gt;1500, &lt;1500</td>
<td>250</td>
<td>200</td>
</tr>
<tr>
<td>&gt;2000, &lt;2000</td>
<td>350</td>
<td>300</td>
</tr>
<tr>
<td>&gt;2000, &lt;2000</td>
<td>500</td>
<td>500</td>
</tr>
<tr>
<td>&gt;2000, &lt;2000</td>
<td>500</td>
<td>500</td>
</tr>
</tbody>
</table>