PLACE END SPACER MAXIMUM OF ONE (1) FOOT FROM END OF CASING (TYP.)

STEEL PIPE CASING (MILL PIPE) OR DUCTILE IRON

MAXIMUM DISTANCE BETWEEN SPACERS SHALL BE SIX (6) FEET O.C.


SEAL END OF CASING WITH MANUFACTURED RUBBER END SEAL DEVICE

CARRIER PIPE (PVC, SDR 35)

CASING SPACERS (SEE APPROVED MATERIALS LIST)

<table>
<thead>
<tr>
<th>CARRIER PIPE DIAMETER</th>
<th>4&quot;</th>
<th>6&quot;</th>
<th>8&quot;</th>
<th>10&quot;</th>
<th>12&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>CASING DIAMETER</td>
<td>10&quot;</td>
<td>12&quot;</td>
<td>14&quot;</td>
<td>16&quot;</td>
<td>20&quot;</td>
</tr>
<tr>
<td>STEEL CASING THICKNESS</td>
<td>0.25&quot;</td>
<td>0.25&quot;</td>
<td>0.25&quot;</td>
<td>0.25&quot;</td>
<td>0.25&quot;</td>
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<tr>
<td>SPACER BAND WIDTH</td>
<td>8&quot;</td>
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</table>

ANTICORROSIVE COATING THICKNESS:
CASING - 8 MILLS DFT

NOTES:
1. CASING SPACERS SHALL BE "CENTER POSITIONING" TYPE.
2. MINIMUM RUNNER WIDTH SHALL BE 2 INCHES.
3. RUNNER HEIGHT SHALL BE SIZED TO PROVIDE:
   A. MINIMUM 0.75" BETWEEN CARRIER PIPE BELL AND CASING PIPE WALL AT ALL TIMES.
   B. MINIMUM 1" CLEARANCE BETWEEN RUNNERS AND TOP OF CASING WALL TO PREVENT JAMMING DURING INSTALLATION.
4. STEEL CASING DIAMETERS ARE "OUTSIDE DIAMETER" FOR 16" AND LARGER.
5. SPACER BAND WIDTH SHALL BE 12" FOR CARRIER PIPES THAT ARE 36" DIAMETER OR GREATER.

City of Bellevue
SURFACE WATER UTILITY

TITLE
CASING INSTALLATION

JULY, 1998
NO SCALE
NO. D-56