



NOMINAL PIPE DIAMETER (d)	CASING PIPE NOMINAL DIAMETER (mm)	MIN. CLEAR SEPARATION DISTANCE "X" (m)
100mm	225mm	$d/2 + 0.2 + 1.3$
150mm	300mm	$d/2 + 0.2 + 1.3$
200mm (Require Specific Approval from Asset Engineer <u>First</u>).	375mm	$d/2 + 0.2 + 1.6$
>200mm (Require Specific Approval from Asset Engineer <u>First</u>).		Subject to Specific Design & Conditions

NOTES

1. Casing pipe material to be PVC, PE or Concrete.
2. Casing pipe to be extended at both ends. Refer to Section 5.4.3.2.
3. Main pipe to be anchored at both ends to prevent 'floatation' inside casing pipe.
4. When bridging over wastewater pipes >150mm, specific Asset Engineer approval will be required. This may NOT be granted.
5. Where clear distance is greater than X, normal foundation requirements apply.

ENGINEERING STANDARDS MANUAL

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**WASTEWATER PIPE
LOCATED UNDER
BUILDING – MIN. COVER**

STANDARD DETAIL

SD 5.17