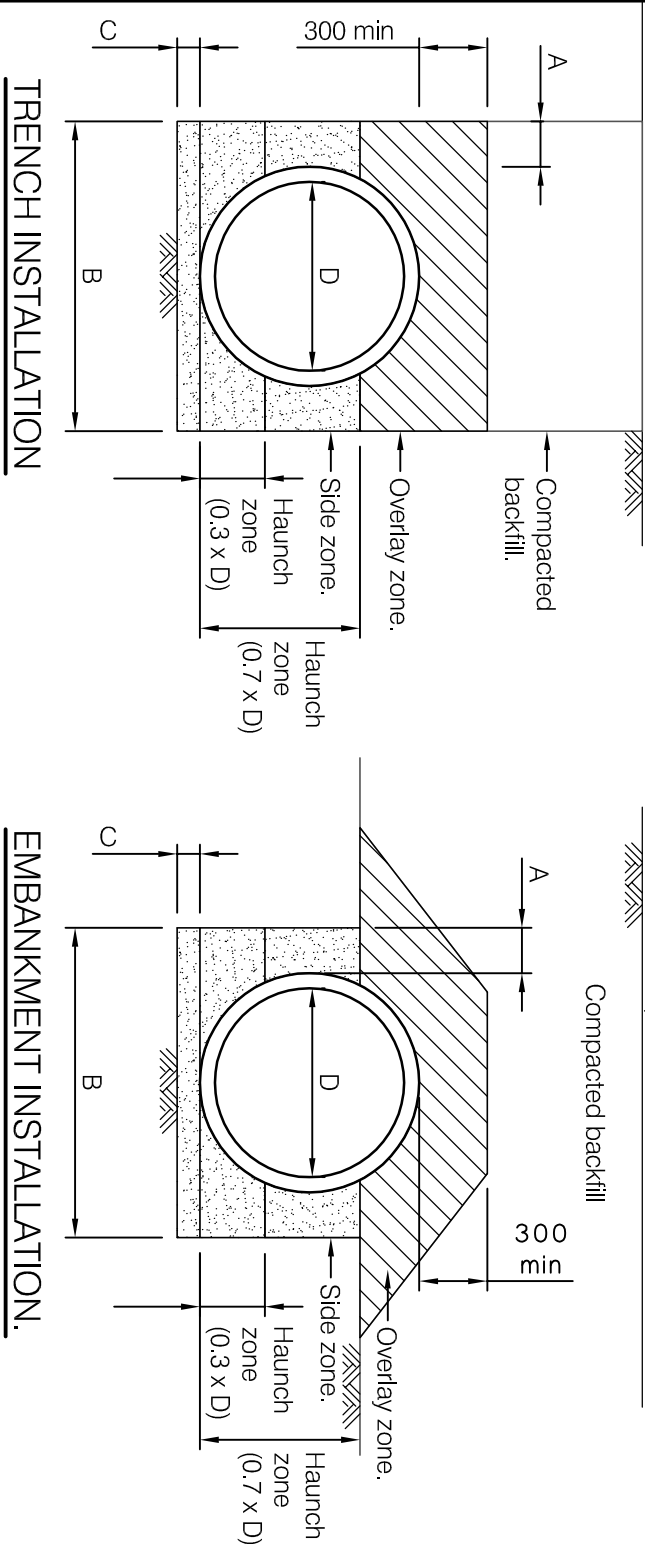


**TYPE H1 SUPPORT
FOOTPATHS / PRIVATE PROPERTY.**



Nominal pipe diameter	Minimum Width A (mm)	Maximum width E(mm)
300	300	1100
375	300	1200
450	300	1300
525	300	1500
600	300	1600
750	300	1800
900	300	1900
1050	300	2100
1200	300	2200
1350	300	2400
1500	300	2700
1650	330	2900
1800	360	3100
1950	390	3300
2100	420	3500
2400	480	4200
2700	540	4600
3000	600	5000

- NOTES:**
- Refer project drawings for details of foundations / working platforms in poor ground conditions.
 - Bedding / haunch zone / side zone compaction.
H1 support - 85% standard compaction.
HS2 support - 90% standard compaction.
 - Backfill compaction.
Footpath / private property - 95% standard compaction.
> 300mm below road pavement - 95% standard compaction.
< 300mm below road pavement - 98% standard compaction.
 - Backfill material laid in the overlay zone shall be evenly graded, and free of lumps and stones retained on a 25mm sieve.
 - On residential streets, and rural roads the pavement may be reinstated to the satisfaction of Council in lieu of lean mix concrete.
 - In aggressive environments or where any part of the pipe is below RL 1 800, concrete pipe reinforcing shall be required to meet the exposure classification of AS 3600.
 - Spacing for multiple pipes.
300mm when nominal dia < 600.
600mm when nominal dia > 600 and < 1800.
900mm when nominal dia > 1800.
 - Foundation bedding.
C = 100 when nominal dia < 1350.
150 elsewhere.
 - All dimensions in millimetres.

**TYPE HS2 SUPPORT
ROAD PAVEMENTS.**

DISCLAIMER

The authors and sponsoring organisations shall have no liability or responsibility to the user or any other person or entity with respect to any liability, loss or damage caused or alleged to be caused, directly or indirectly, by the adoption and use of these Standard Drawings including, but not limited to, any interruption of service, loss of business or anticipatory profits, or consequential damages resulting from the use of these Standard Drawings. Persons must not rely on these Standard Drawings as the equivalent of, or a substitute for, project-specific design and assessment by an appropriately qualified professional.



**EXCAVATION, BEDDING AND BACKFILLING
OF CONCRETE PIPES**

Standard
Drawing
S1046

A ORIGINAL ISSUE	12/3/04
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