Field Supporting Strength Of Extra Strength Vitrified Clay Pipe

Class D Bedding – Load Factor = 1.1

Class C Bedding – Load Factor = 1.5

Class B Bedding – Load Factor = 1.9

Crushed Stone Encasement Bedding – Load Factor = 2.2
Field Supporting Strength Of Extra Strength Vitrified Clay Pipe

Controlled Low Strength Material (CLSM) Bedding – Load Factor = 2.8

- Trench walls may be sloped
- Initial Backfill: Class I, II, III, or IV soils
- Controlled Low Strength Material (CLSM): 100-300 psi
- Bedding Material: Class I or II soil
- Foundation

L = 9in. Min. for Pipe Dia. 8-21in.
L = 12in. Min for Pipe Dia. 24in. and greater

Concrete Cradle Bedding – Load Factor = 3.4

- Minimum width: B_c + 8 in. or 1-1/4 B_c
- Final Backfill: Class I, II, III, or IV soils
- Concrete: 3,000 psi min
- Transverse Steel
- Foundation

Total area, size and spacing of steel in “L” to be determined by the engineer.

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Concrete Encasement

- Trench walls may be sloped
- Concrete 3,000 psi min.
- Foundation

1.5B_e (B_e + 8 in. min.)