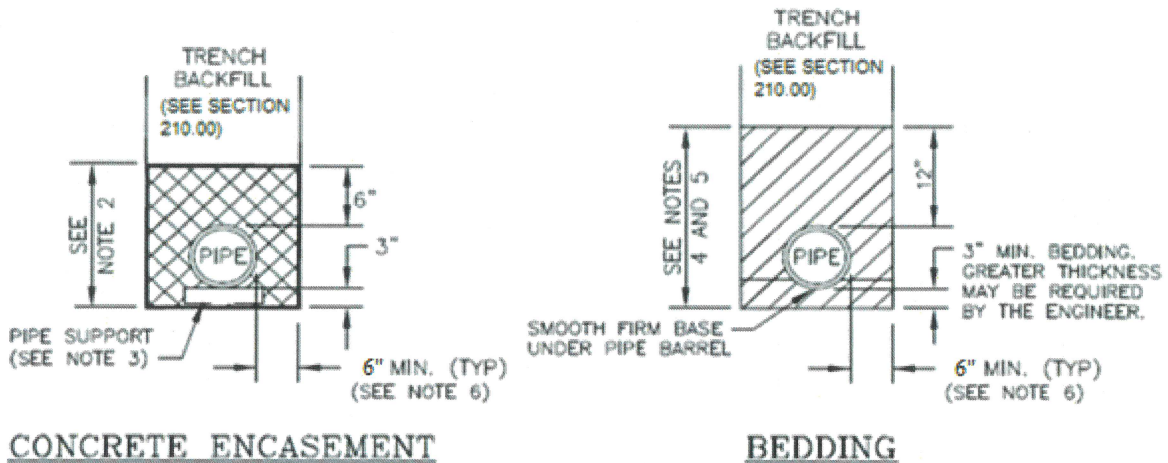


SECTION 209.00

TRENCH BEDDING



NOTES:

1. This standard does not apply to joint utility trenching.
2. Concrete for encasing pipe shall be class 450-C-2000 per the Standard Specifications.
3. On all concrete encased pipes, pipe shall be supported on concrete blocks, grout pads, or by other approved method. Two supports shall be required per joint of pipe. Care shall be taken not to float pipe while placing concrete.
4. Backfill by hand, compact or consolidate to provide solid bedding under and around pipe.
5. Bedding material for:
 - Flexible sewer pipe shall be per City of Redding's Page 300.80 for services installed within the city.
 - Reinforced concrete pipe and corrugated HDPE pipe shall meet the "coarse" grading requirements of Section 20-1.2.1 of the Standard Specifications.
 - Water pipeline shall be imported sand free of limestone per Section 100.00.
6. Trench width on each side of the pipe shall be a minimum of either six (6) inches or the pipe manufacturer's recommended minimum, whichever is greater.
7. For required compaction density and testing frequency, see Section 201.00.
8. Pipe and appurtenances shall, at all times, be handled with care to avoid damage. At no times shall the material be dropped, skidded, or bumped. Before installation, each article shall be inspected and any damaged material shall be discarded. The interior and ends of pipe and appurtenances shall be kept clean at all times.
9. All pipe and appurtenances shall be laid to the required grades and alignment. Pipe bedding shall be installed and graded such that each pipe section when first laid will be continuously in contact with the bedding along the bottom of pipe, and suitable bell holes, where applicable, shall be excavated to prevent a concentrated reaction at the pipe bells. Joints shall be made in accordance with the recommendation of the pipe manufacturer.

Improvement plans shall contain the information shown on Section 200.01 "Plan Checklist for Water System Improvements."

Within 60 days after project completion, the Contractor shall provide record (as-built) drawings consisting of one mylar copy, one electronic copy on USB flash-drive, and two paper copies. The Developer's Payment Bond shall not be released until the District receives acceptable copies of project record drawings.