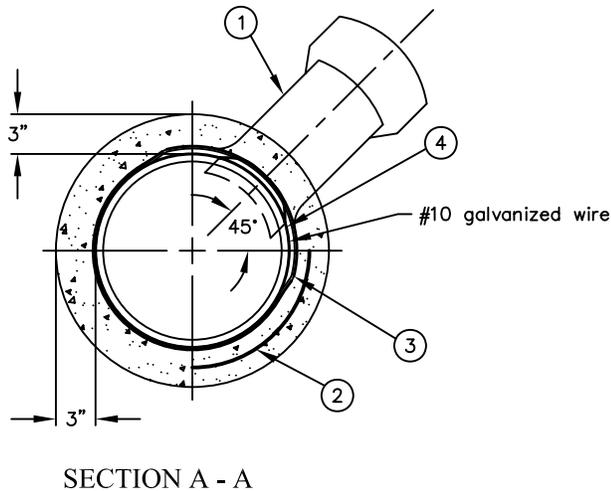


See General Note 4 for sewer main cutting procedure. Sewer main must be cut open only in the presence of a Utilities Department representative. Contractor must coordinate work in advance with Utilities Superintendent at 644-3011.



SPECIAL NOTE:

1. This type of connection may only be used by special permission from the Utilities Department.

CONSTRUCTION NOTES:

- 1 14" (or 6") saddle type wye branch connection piece.
- 2 Install galvanized "chicken wire" reinforcement around existing main. Minimum cover shall be 1½". This layer of reinforcement for concrete protection must be 1½" off sewer pipe wall.
- 3 Install stainless steel band.
- 4 Epoxy glue.

GENERAL NOTES:

1. Requires special approval from Utilities Department. (Then only on old concrete mains with heavy flows.)
2. Excavation must be thoroughly dewatered and properly shored prior to any pipe cutting or connection.
3. Concrete accelerator (chlorides) may not be used. Connection may not be backfilled until concrete has reached its initial set.
4. Sewer main shall be cut open by drilling a circular series of ¼" diameter pilot holes until the section inside the holes can be safely removed without damaging the remaining pipe.

**SEWER LATERAL CONNECTION
TYPE "B" (SADDLE TYPE INSTALLATION)**

CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

APPROVED:

RCE NO. 36106

PUBLIC WORKS DIRECTOR

**SEWER LATERAL
CONNECTION TYPE "B"**

Drawn: M. Elias

Scale: N.T.S.

Date: Jan. 2004

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STD Details\2003 Std\STD Sewer

DRAWING NO.

STD-407-L