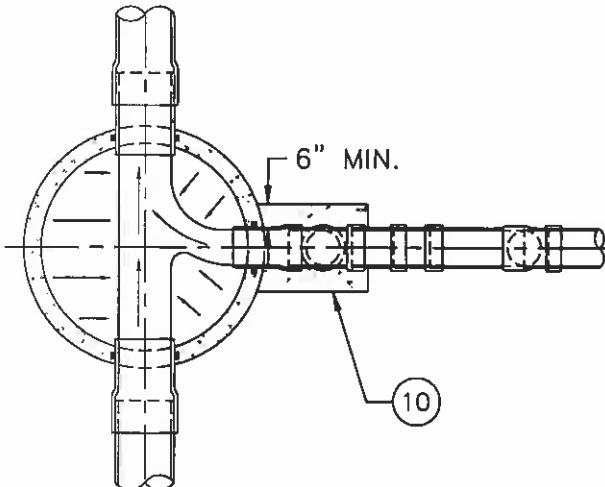


- ① FRAME AND COVER, GRADE RINGS, CONE BARRELL SECTION SECTIONS AND MANHOLE BASE.
- ② CONNECTION TO MANHOLE SHALL BE MADE BY UTILIZING MANHOLE ADAPTORS OR ELASTOMERIC SEAL RINGS EMBEDDED IN THE CONCRETE.
- ③ NON-SHRINK GROUT DAM SHALL HAVE A DEPTH OF ONE HALF (1/2) THE SIZE OF PIPE.
- ④ REVERSE WYE BRANCH.
- ⑤ 1/8 BEND.
- ⑥ CHRISTY G5 BOX WITH CAST IRON LID. (LID SHALL READ "SEWER").
- ⑦ WYE BRANCH AND CLEANOUT ASSEMBLY.
- ⑧ 1/4 BEND.
- ⑨ BACKFILL DROP CONNECTION WITH 2-SACK SLURRY CEMENT TO BOTTOM OF 1/8 BEND.
- ⑩ UNDISTURBED SOIL.
- ⑪ RUBBER END CAP WITH STAINLESS STEEL SHEAR BAND.




TYPICAL CHANNELIZATION

NOTES:

A. DROP CONNECTION PIPE AND FITTINGS SHALL BE THE SAME SIZE AND MATERIAL AS MAIN.

B. THIS TYPE OF MANHOLE SHALL BE USED WHERE DIFFERENCES IN INVERT ELEVATIONS AT MANHOLE EXCEEDS TWENTY FOUR (24) INCHES AND UPON PRIOR APPROVAL OF THE CITY ENGINEER.

THE CITY OF WEST SACRAMENTO – STANDARD DETAIL

APPROVED BY: 	C-38733	3/31/05
CITY ENGINEER	P.E. NO.	DATE
REVISION:		
REVISION:		
REVISION:		
REVISION:		

TITLE: SEWER MANHOLE WITH OUTSIDE DROP CONNECTION

STANDARD DETAIL #: 406

