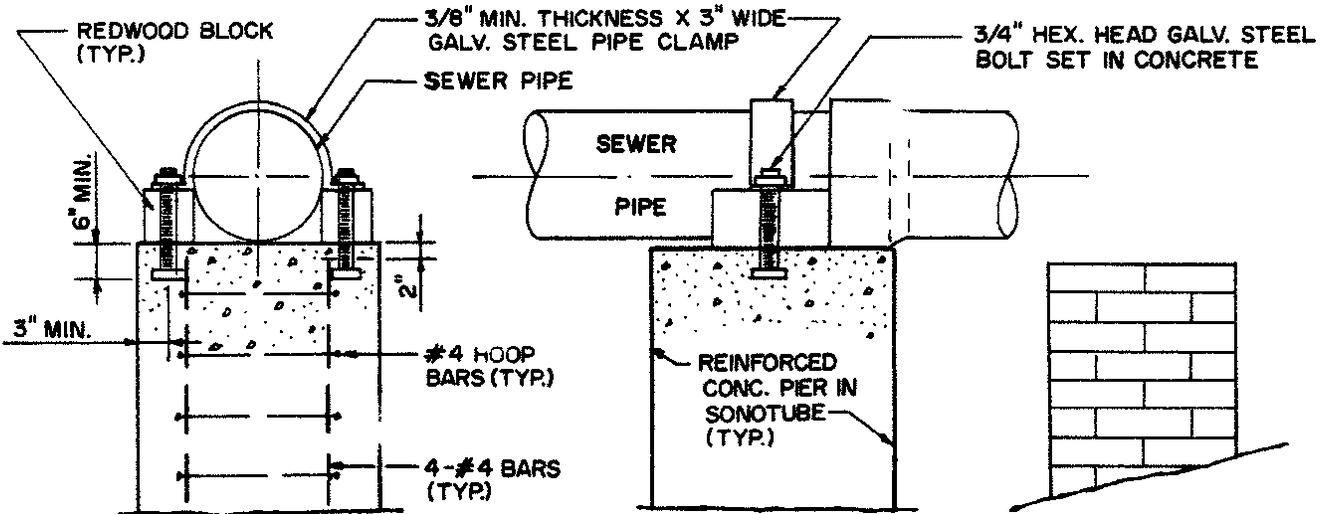
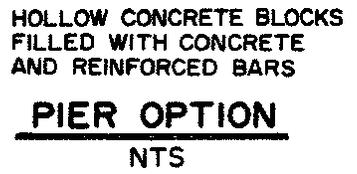


**SEWER CROSSING DETAIL**  
NTS



**PIER - CLAMP DETAIL**  
NTS



**NOTES:**

1. RUBBER COUPLINGS ON EXPOSED JOINTS NOT PERMITTED.
2. A STEEL CHANNEL BEAM TO SUPPORT PIPE FOR LONGER SPANS MAY BE USED AS AN ALTERNATE, SUBJECT TO APPROVAL BY THE ENGINEER.

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE SIGNED CITY OF OAKLAND STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION IS AVAILABLE FOR PURCHASE FROM THE CONTRACT ADMINISTRATION DEPARTMENT.

CITY OF OAKLAND

DESIGN AND CONSTRUCTION SERVICES DEPARTMENT



**TRESTLED SEWER DETAILS**

ENGINEERING DESIGN MANAGER	
DATE: JANUARY 2002	DWG.
REV. DATE: _____	D-28