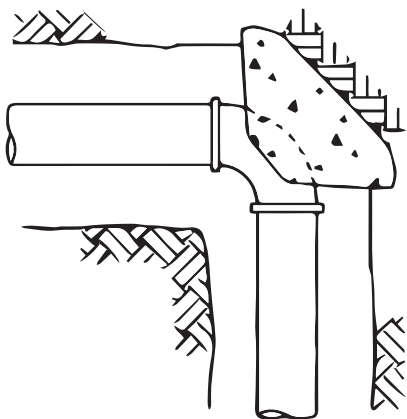




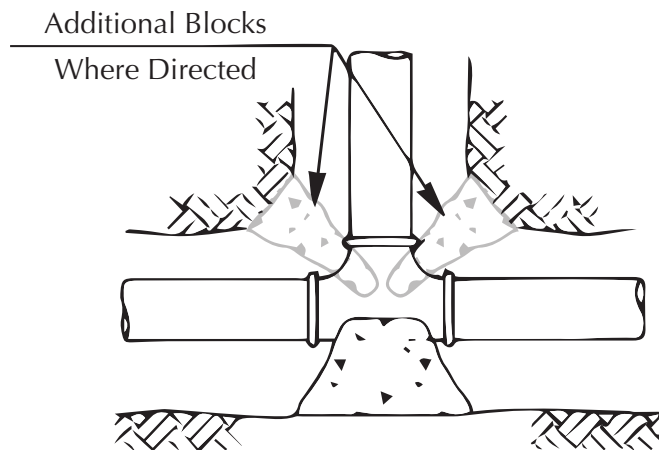
# CHULA VISTA FIRE DEPARTMENT

## FIRE PREVENTION DIVISION

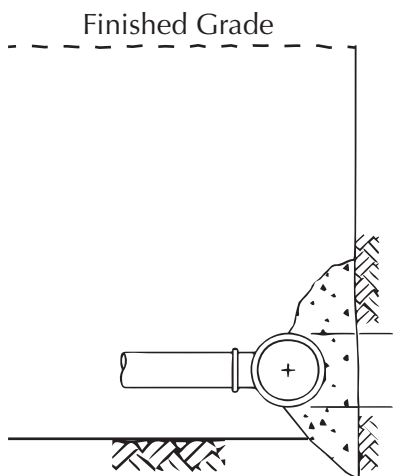
### Thrust Block Detail



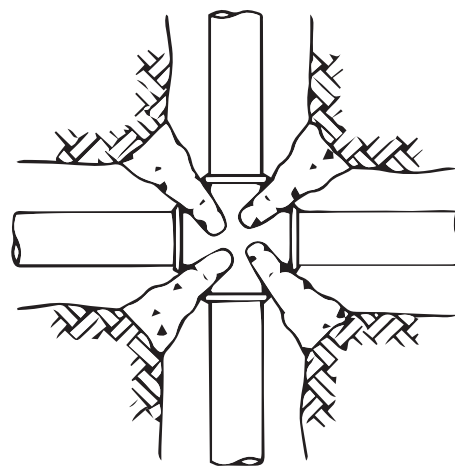
**BEND**



**TEE**



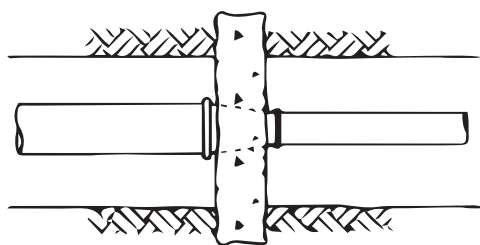
**ELEVATION VIEW**



**CROSS**

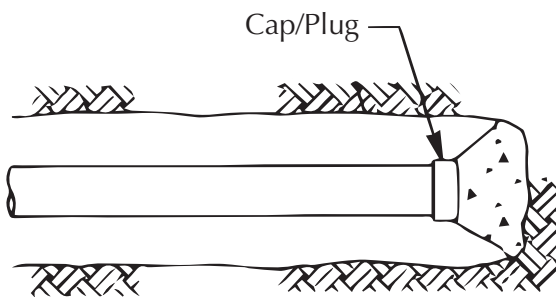
*Continued on the next page...*





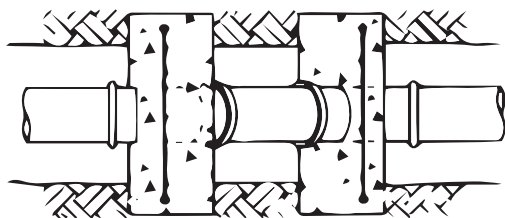
18" Minimum  
into Native Material

**REDUCER**

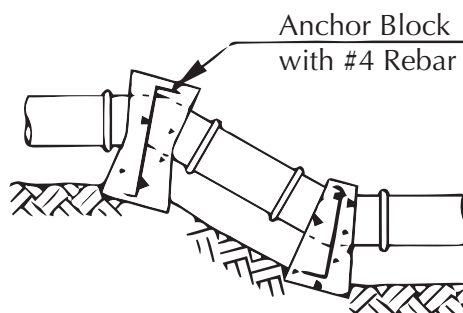


**END CAP**

**ANCHOR BLOCKS**



**VERTICAL BENDS PLAN VIEW**



**VERTICAL BENDS ELEVATION VIEW**

**Notes:**

1. For thrust block dimensions/calculations, see thrust blocks by design Engineer.
2. All thrust/anchor blocks shall be poured against wetted, undisturbed soil.
3. Concrete shall be placed so that the fittings and valves will be accessible for repairs/replacement.
4. Thrust blocks shall be centered on the fitting so that the bearing area is exactly opposite the restraint direction of thrust.
5. Thrust/anchor approved blocks shall be Class 560-C-3250 concrete, unless specified otherwise.
6. See CVFD Policy: Underground Fire Service Utility Requirements.

