



TYPICAL GATE VALVE DETAIL

## THRUST BLOCK DETAILS

ALLOWABLE SAFE LATERAL BEARING OF SOIL IN P.S.I.

MUCK & PEAT  
 SOFT CLAY  
 SAND  
 SAND & GRAVEL  
 SAND & GRAVEL W/ CLAY  
 SHALE

0\*  
 500  
 1000  
 1500  
 2000  
 2500  
 3000  
 3500  
 4000  
 4500  
 5000

\*USE TIE ROD ANCHORS, LOCKING JOINT FITTINGS, FLANGED  
 FITTINGS OR TREATED TIMBER WITH CONCRETE BLOCKS

STANDARD WATER DETAILS