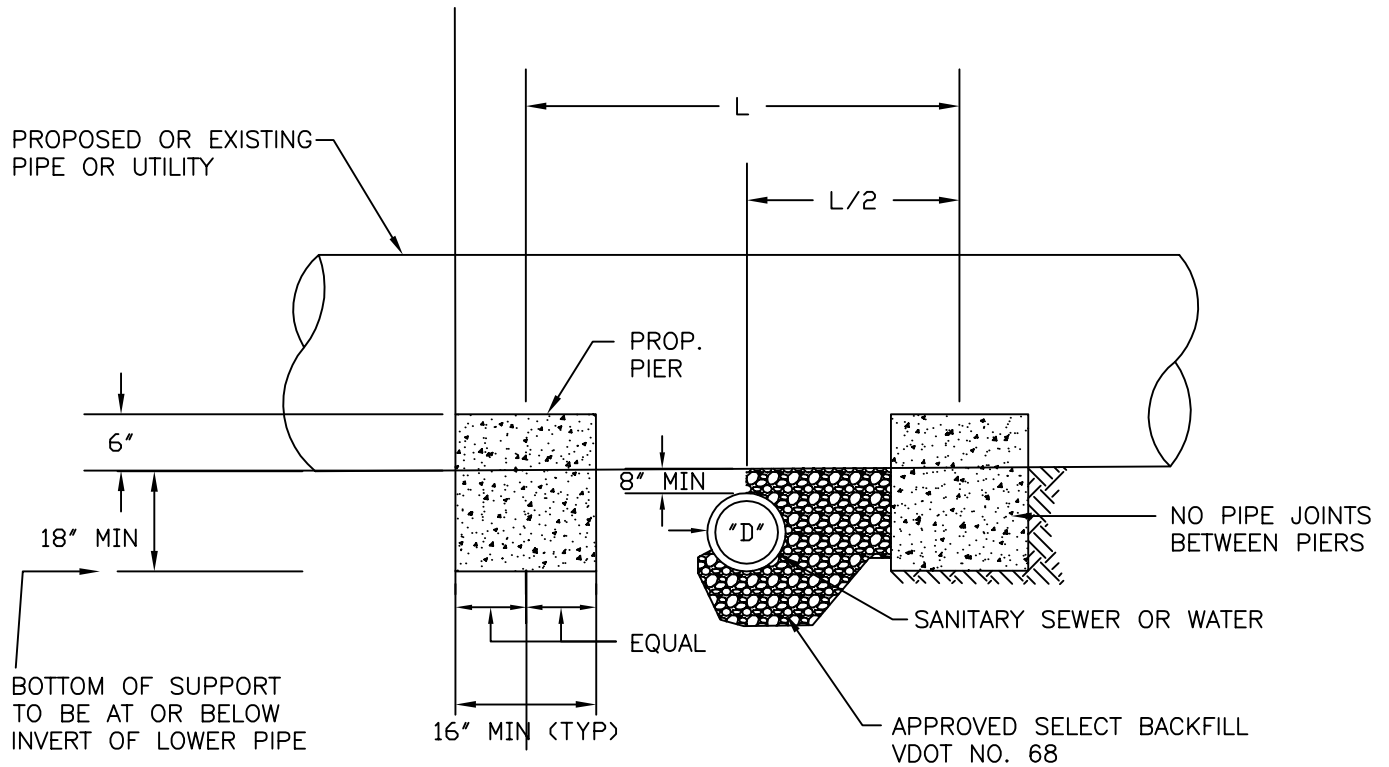
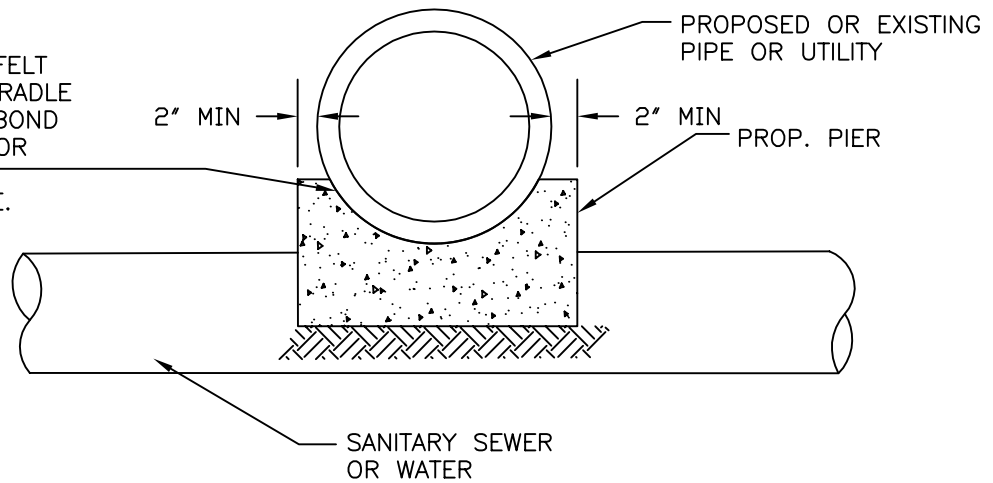


$L = D + 4' - 0''$   
 WHERE D = PIPE DIAMETER



1/2" OF 30 LB. ROOFING FELT PLACED UNIFORMLY TO CRADLE THE PIPE AND PROVIDE BOND BREAK. OBTAIN INSPECTOR APPROVAL PRIOR TO PLACEMENT OF CONCRETE.



**NOTE:**

1. PIER ONLY WHEN LARGE DIAMETER PIPE (15" OR LARGER) CROSSES OVER SANITARY SEWER OR WATER, WITH VERTICAL CLEARANCE OF LESS THAN 18". IF UPPER PIPE IS 30" OR LARGER A CASING DESIGN IS REQUIRED FOR WATER OR SANITARY SEWER PIPE BELOW; AS VERTICAL CLEARANCE FOR A CASING SHOULD BE DETERMINED BASED ON STRUCTURAL REQUIREMENTS FOR DEFLECTION.
2. PIER TO BE BUILT ON UNDISTURBED EARTH. CONCRETE TO BE CLASS "A3"
3. REFER TO NOTES FOR SEPARATION OF WATER MAINS AND SEWERS ON GENERAL DETAIL, G-1.

