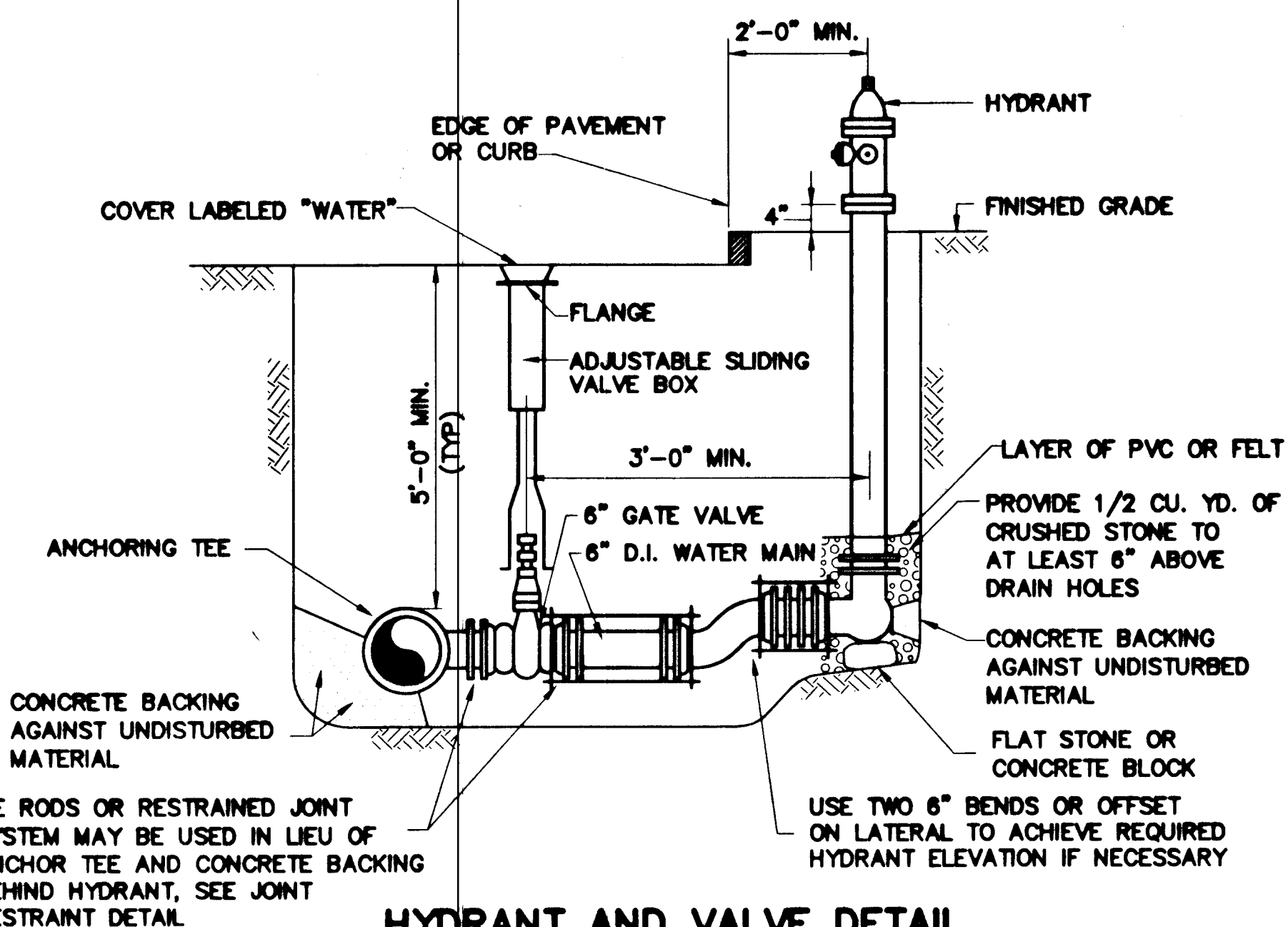
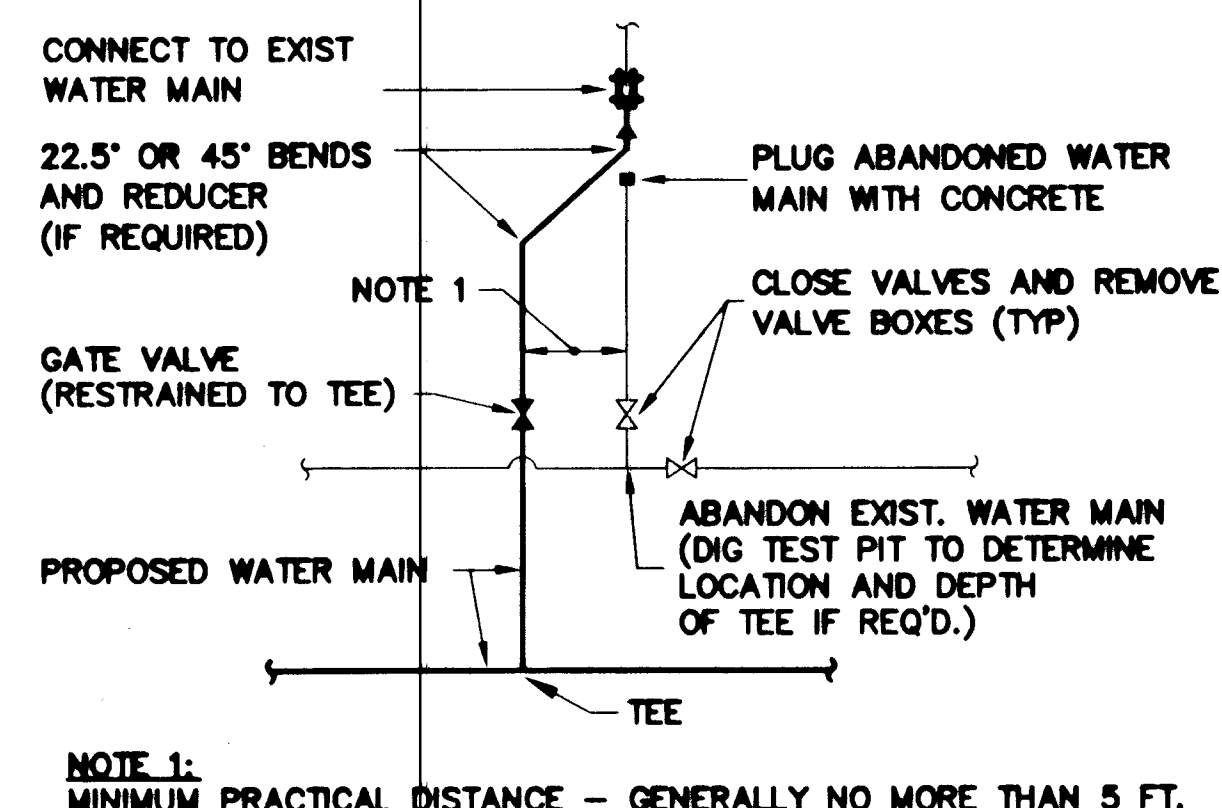


NOTE: PROVIDE SADDLE FOR ALL AC AND PVC MAINS AND ALL 2" OR LARGER STOPS

**WATER SERVICE DETAIL**  
N.T.S.

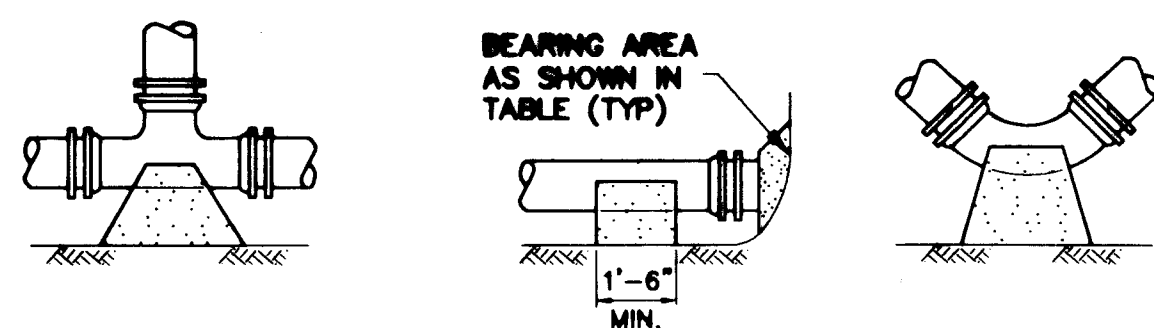


**HYDRANT AND VALVE DETAIL**  
N.T.S.



NOTE 1: MINIMUM PRACTICAL DISTANCE - GENERALLY NO MORE THAN 5 FT.

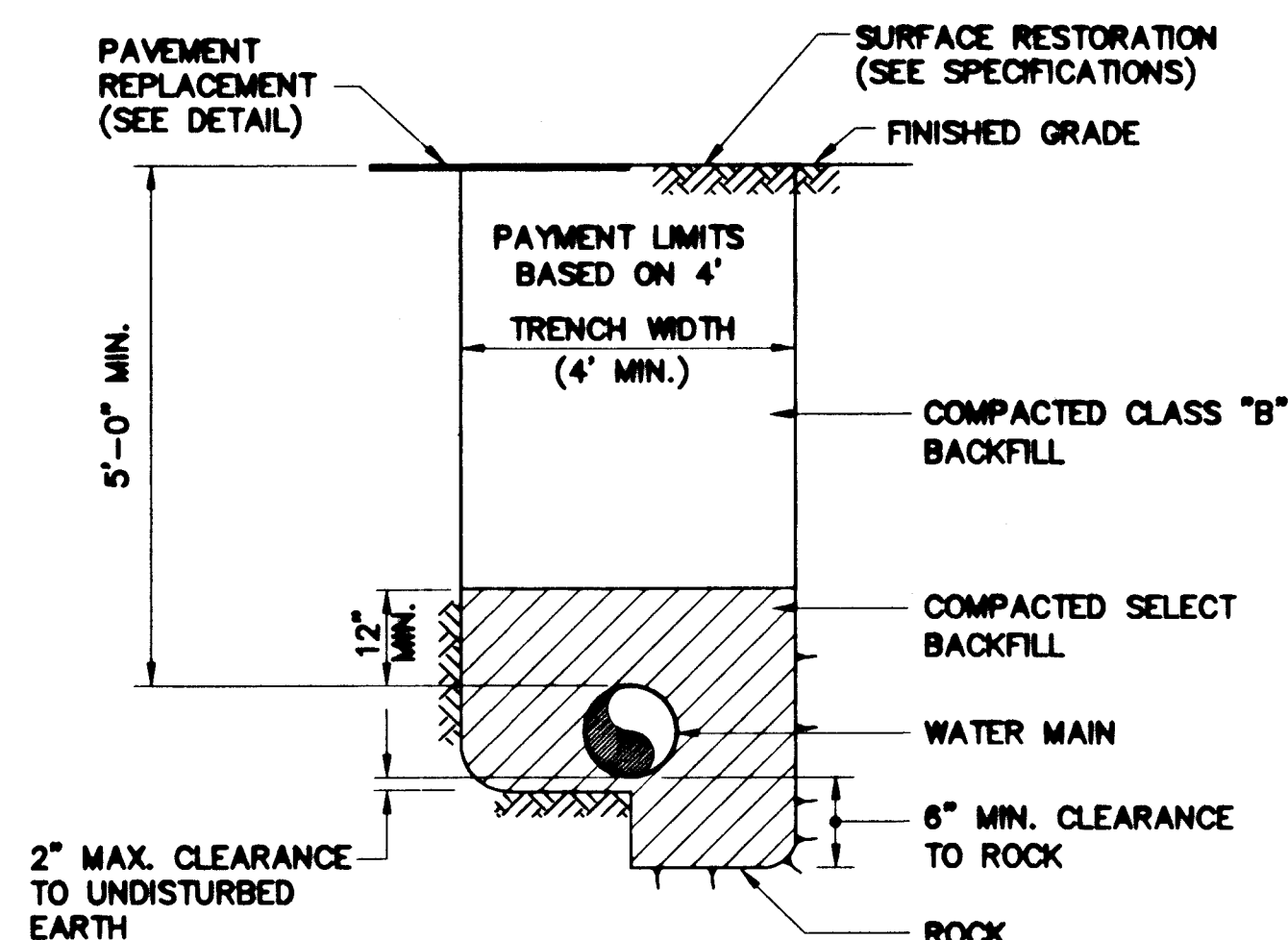
**WATER MAIN LATERAL CONNECTION**  
N.T.S.



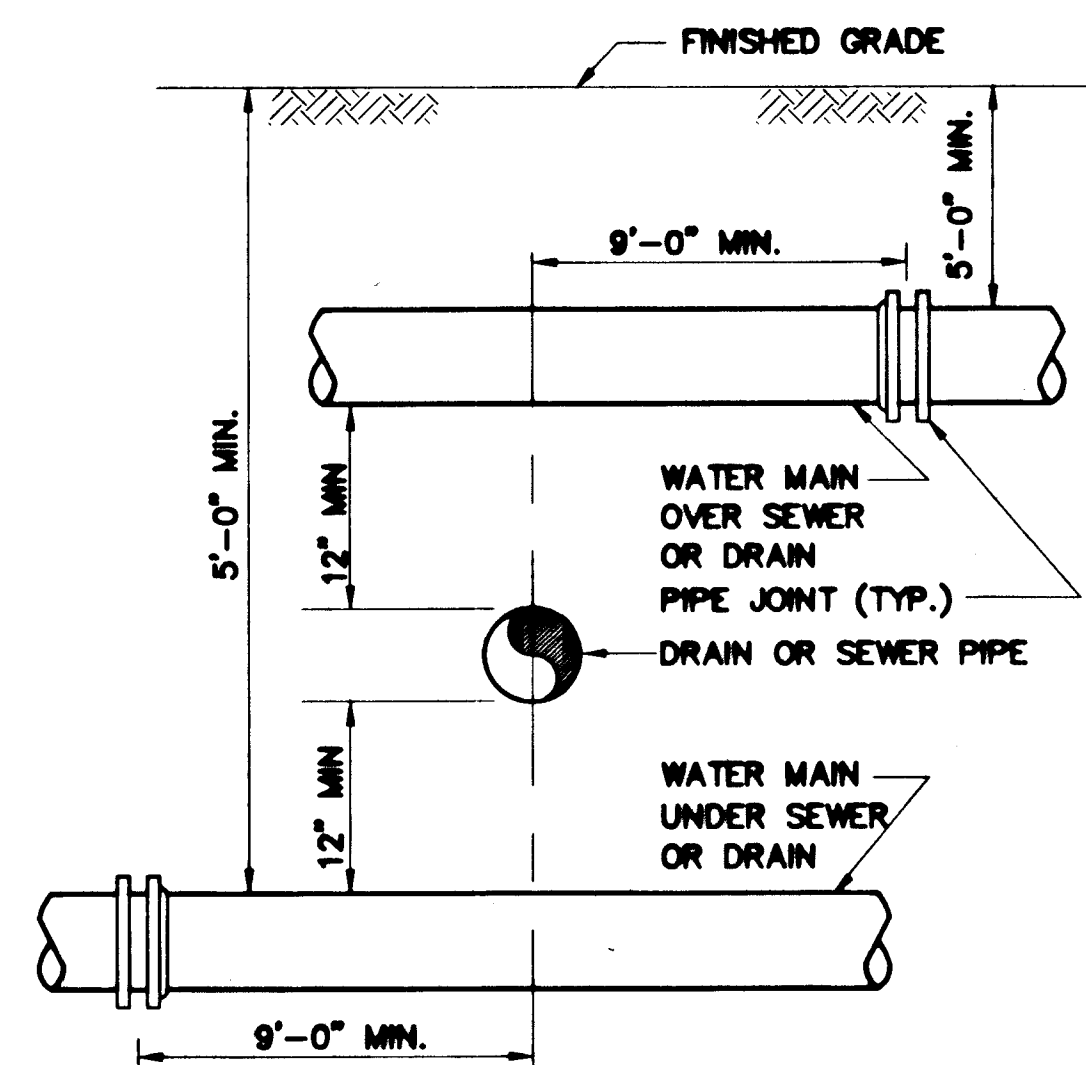
SIZE OF MAIN	90° BENDS, TEES, CAPS AND PLUGS	45° BENDS AND WYES	22-1/2° BENDS	11-1/4° BENDS
6", 8"	5	4	2	2
10", 12"	12	9	5	2
16"	20	15	8	4
20"	36	24	13	7

NOTES: 1. ALL WATER MAIN FITTINGS SHALL HAVE CONCRETE BACKING FOR THRUST RESTRAINT UNLESS OTHERWISE SPECIFIED.  
2. CONTRACTOR SHALL USE CARE TO AVOID PLACEMENT OF CONCRETE ON THE FITTING JOINTS

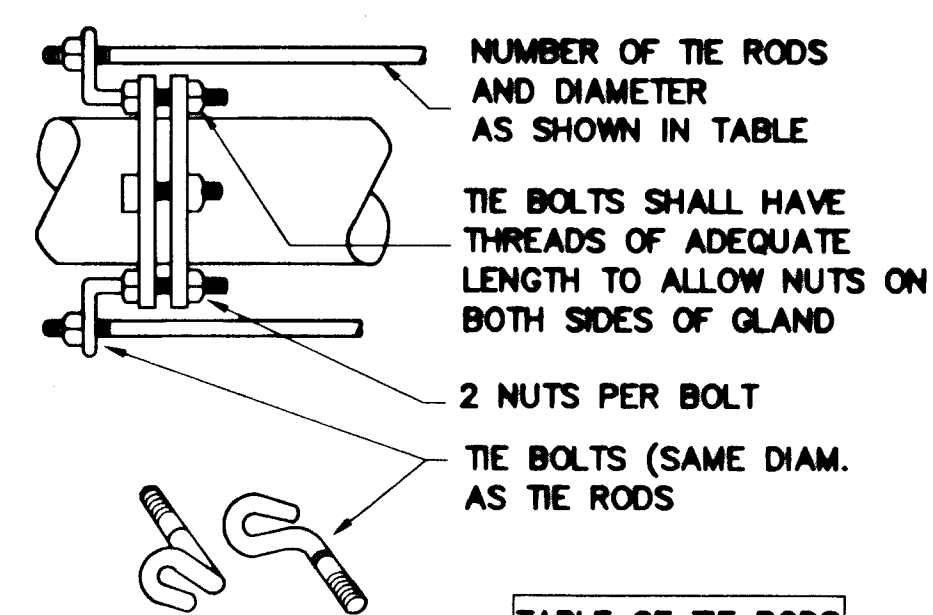
**CONCRETE THRUST RESTRAINT FOR FITTINGS**  
N.T.S.



**WATER MAIN TRENCH DETAIL**  
N.T.S.

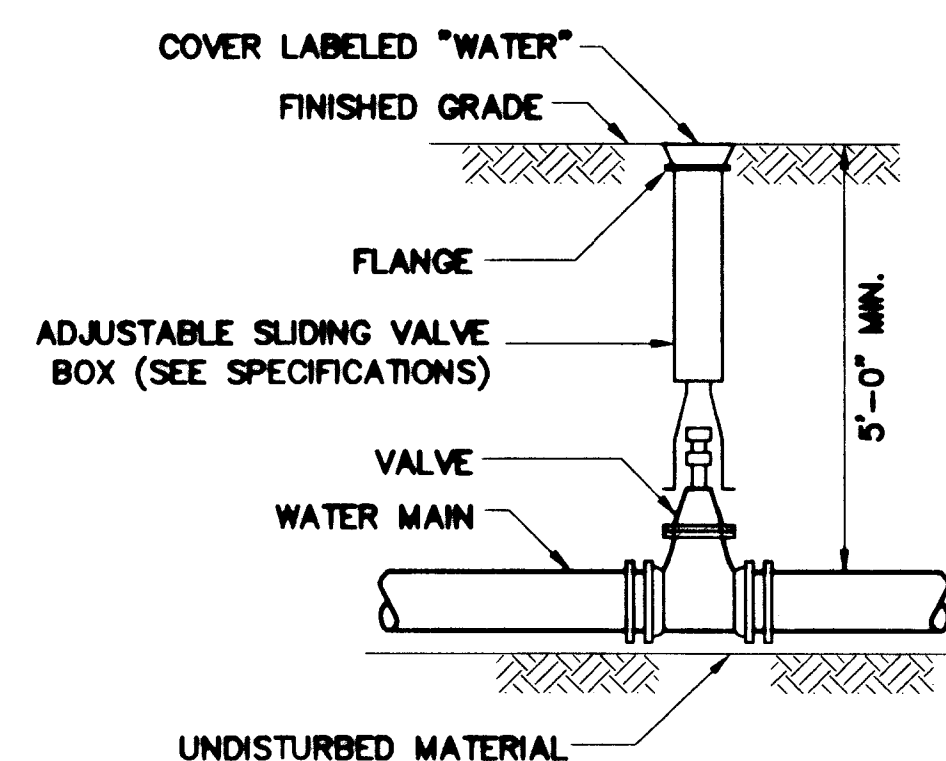


**SEWER OR DRAIN CROSSING DETAIL**  
N.T.S.

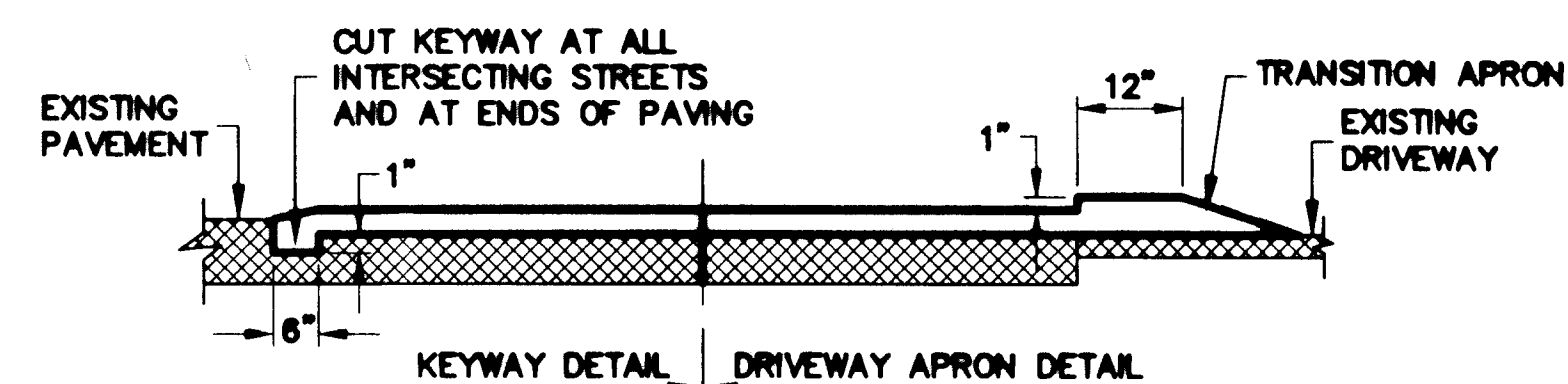


PIPE SIZE	TIE ROD NO.	TIE ROD DIA.
6"	2	1/2"
8"	2	5/8"
10"	2	3/4"
12"	4	3/4"
16"	6	3/4"

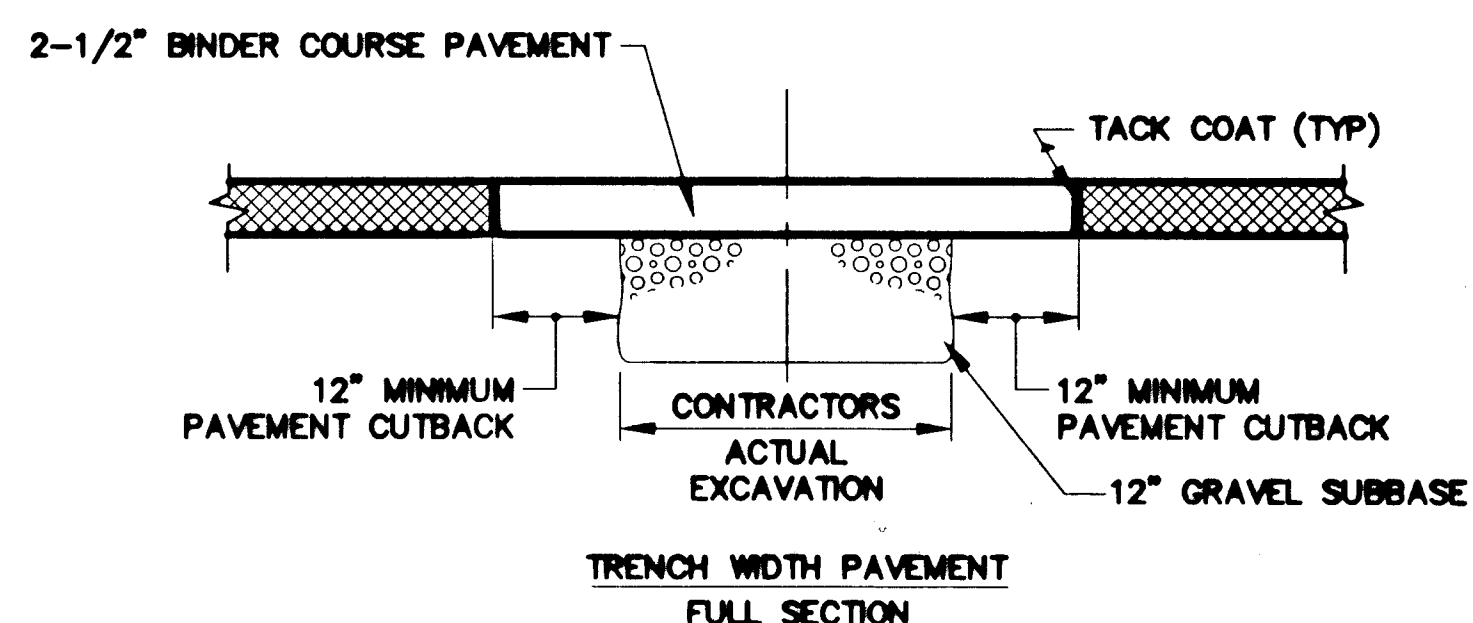
**JOINT RESTRAINT DETAIL**  
N.T.S.



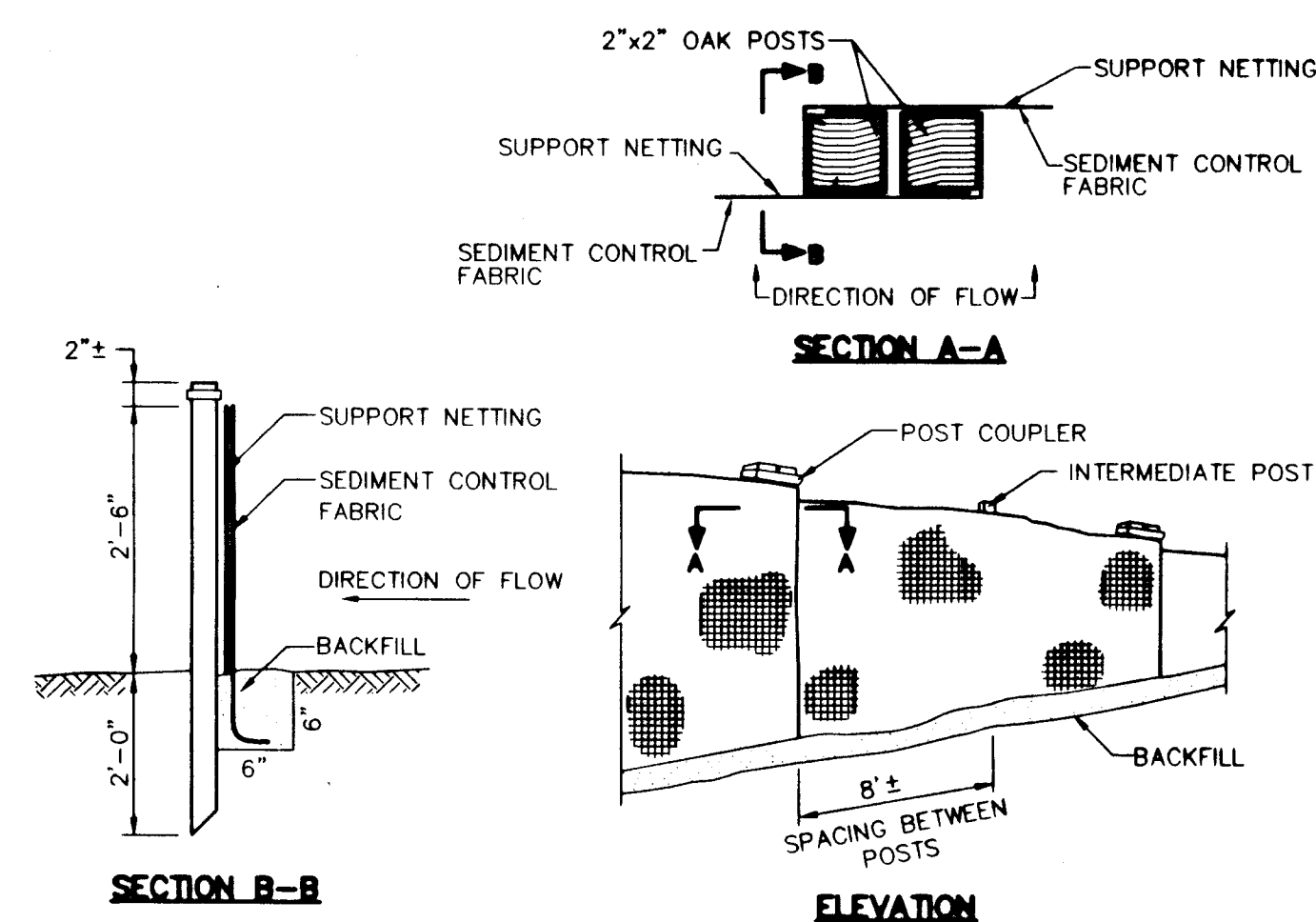
**VALVE AND BOX DETAIL**  
N.T.S.



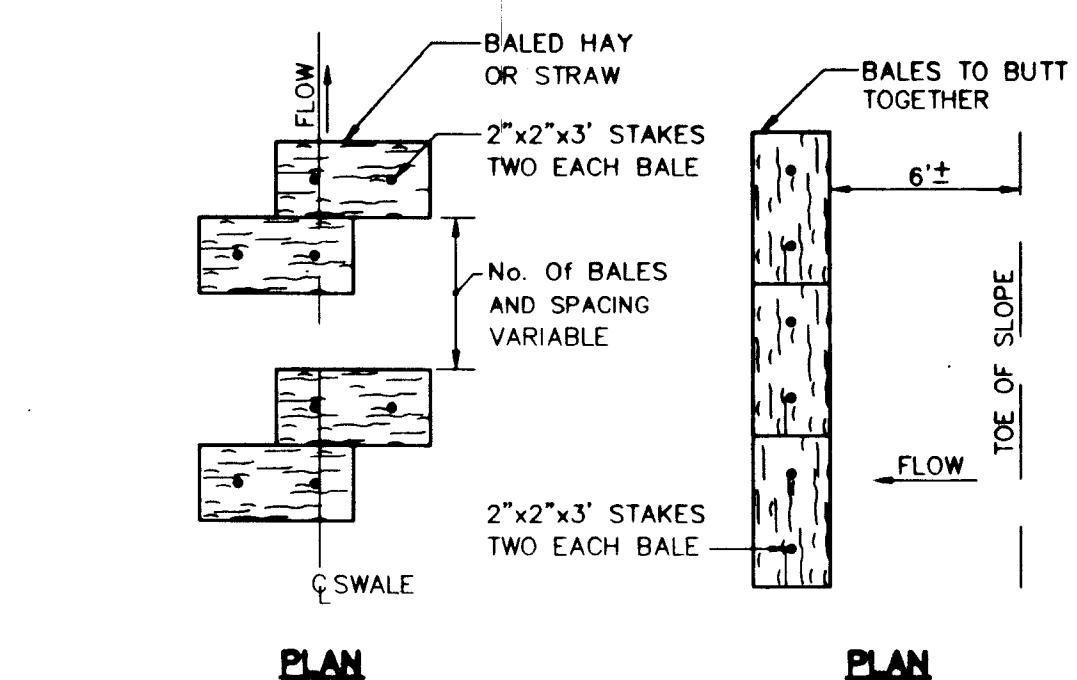
**KEYWAY AND DRIVEWAY APRON DETAIL**  
N.T.S.



**TEMPORARY PAVEMENT REPLACEMENT DETAILS**  
N.T.S.



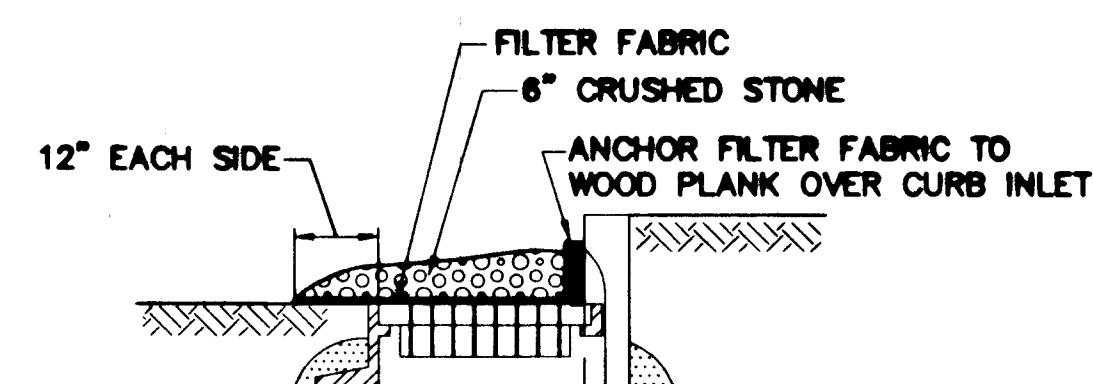
**SILT FENCE DETAIL**  
N.T.S.



NOTE: TO BE USED IN LOCATIONS WHERE THE EXISTING GROUND SLOPES IN TOWARD THE TOE OF SLOPE

NOTE: TO BE USED IN LOCATIONS WHERE THE EXISTING GROUND SLOPES AWAY FROM THE TOE OF SLOPE

**HAY BALES DETAIL**  
N.T.S.



**CATCH BASIN INLET PROTECTION DETAIL**  
N.T.S.