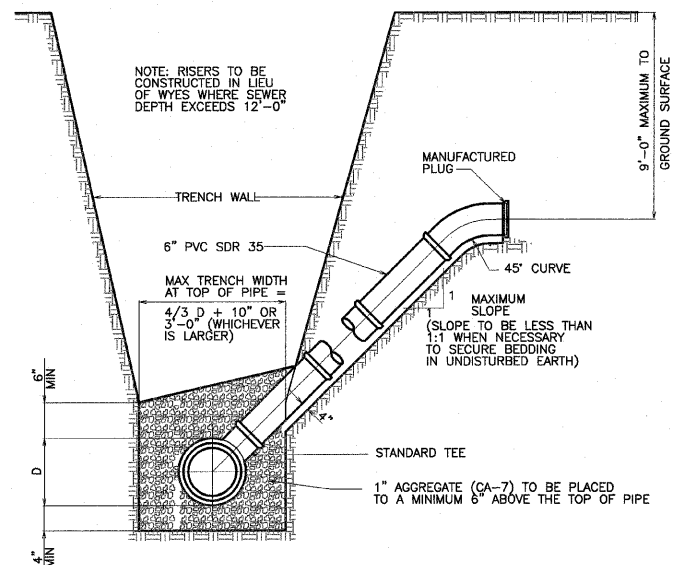
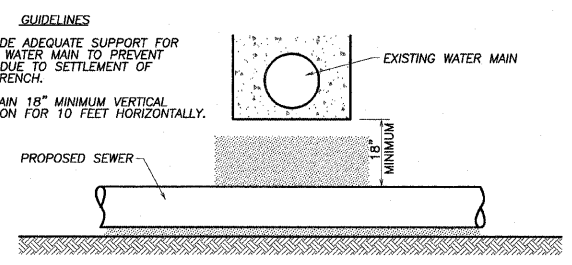


**SANITARY SEWER
6" DIA HOUSE SERVICE CONNECTION**



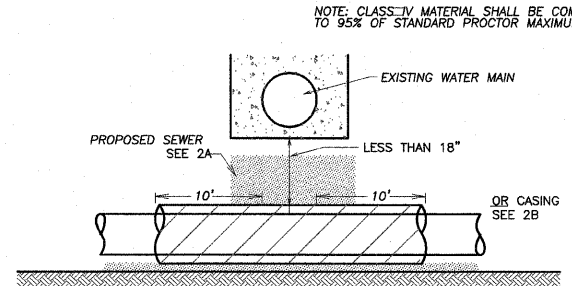
**SECTIONAL ELEVATION
SANITARY SEWER
TYPICAL RISER FOR SERVICE RISER**

PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH 18" MINIMUM SEPARATION.



- GUIDELINES**
1. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.
 2. MAINTAIN 18" MINIMUM VERTICAL SEPARATION FOR 10 FEET HORIZONTALLY.

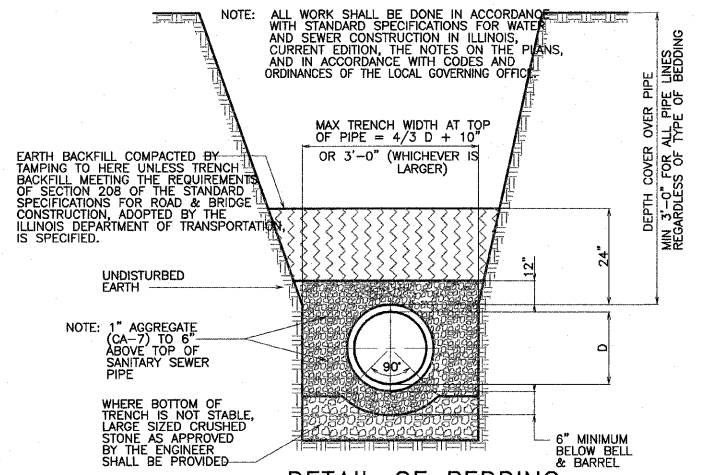
PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH LESS THAN 18" SEPARATION.



NOTE: CLASS IV MATERIAL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY.

- GUIDELINES**
1. OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR 10 FEET ON EITHER SIDE OF WATER MAIN.
 - 2A. CONSTRUCT 10 FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST OR
 - 2B. USE 10 FEET OF CASING FOR PROPOSED SEWER AND SEAL ENDS OF CASING.
 3. POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN.
 4. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

**WATER AND SEWER
SEPARATION REQUIREMENTS
(VERTICAL SEPARATION)**



**DETAIL OF BEDDING
METHOD OF LAYING
SEWER PIPE**

SANITARY SEWER PIPE SHALL BE PVC SDR 35 ASTM D3034 WITH PUSH TYPE RUBBER GASKET JOINTS ASTM F477 AND CLASS 1 BEDDING ASTM D2321

SANITARY SEWER DETAILS

**HENNEPIN AVE.
SECTION 03-00160-00-PV
CITY OF DIXON**

