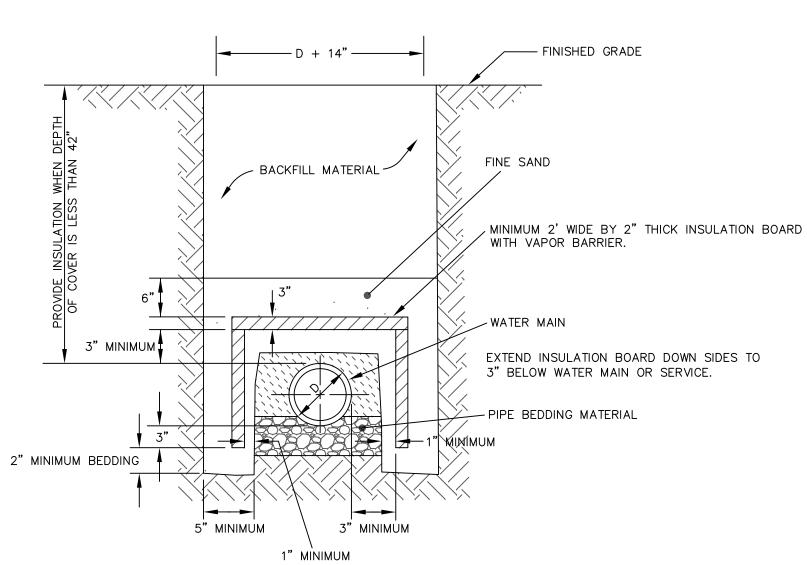


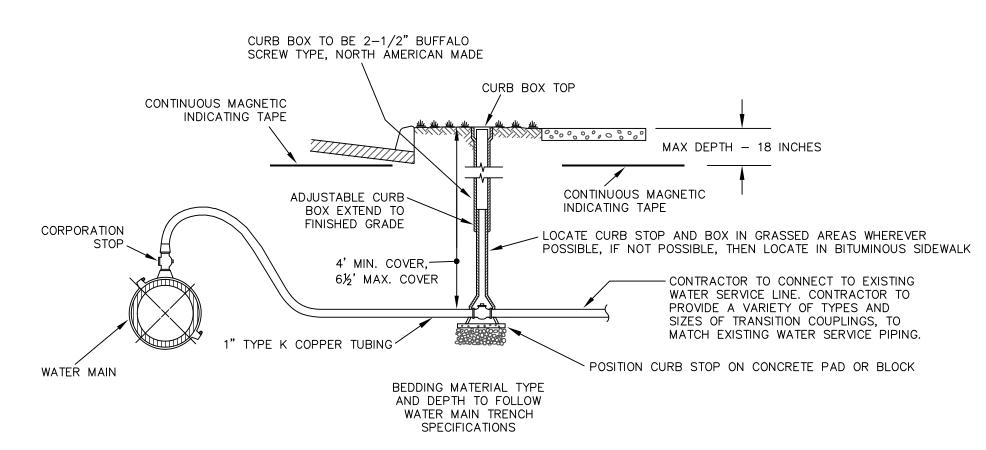
NOT TO SCALE



NOTES:

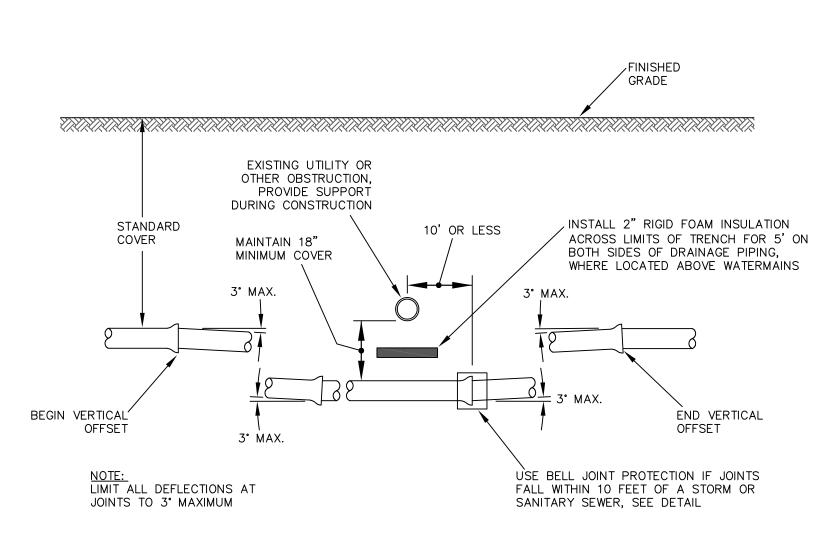
- INSULATION BOARD TO BE FOAMGLAS OR APPROVED EQUAL MEETING ASTM C-552 WITH A COMPRESSIVE STRENGTH OF 90 PSI.
- 2. VAPOR BARRIER TO BE PITTCOTE 300 OR APPROVED EQUAL.
- 3. BACKFILL MATERIAL AROUND INSULATION MUST BE FINE SAND FREE FROM ROOTS, ORGANIC MATTER, OR OTHER INJURIOUS MATERIALS.
- 4. MAINTAIN 3" MINIMUM CLEARANCE FROM WATER MAIN ON ALL SIDES.
- 5. FOR REDUCTION IN COVER ONLY WHERE RESULTANT COVER IS LESS THAN 42".

WATER MAIN TRENCH INSULATION DETAIL NOT TO SCALE

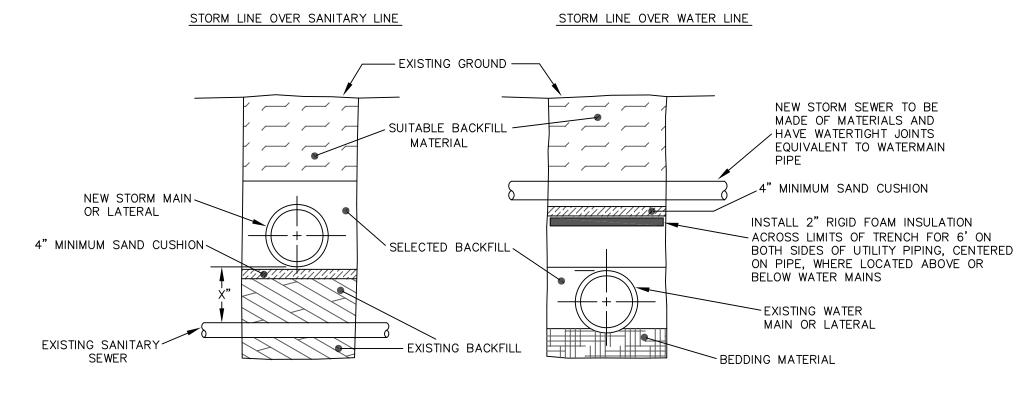


TYPICAL 1" WATER SERVICE CONNECTION NOT TO SCALE

NOTE;
CITY OF MERIDEN TO CONNECT ALL SERVICE TAPS, AND PROVIDE CORPORATION STOP AND SWING.



GRADUAL VERTICAL OFFSET
NOT TO SCALE



EXISTING SANITARY LINE

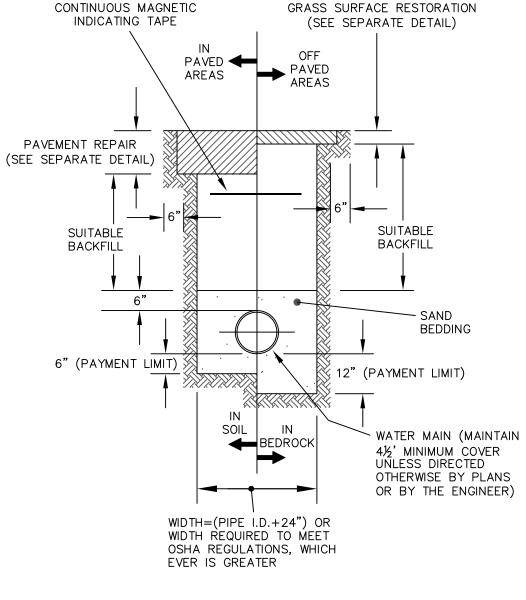
 IF "X" IS 4" TO 18", REPLACE SANITARY SEWER WITH 18' LONG D.I.P.
 IF "X" IS 18" TO 36", LINE SANITARY SEWER FROM MANHOLE TO MANHOLE

EXISTING WATER LINE

- FOR SEPARATION OF WATER AND STORM SEWER BETWEEN
 4" AND 18"
- 2. 2" INSULATION LAYER TO BE INSTALLED BETWEEN WATER MAIN AND ALL PROPOSED SANITARY AND STORM SEWERS WHERE VERTICAL SEPARATION IS LESS THAN 18"
- 3. INSULATION DIMENSIONS EQUAL TO NEW TRENCH WIDTH BY EXISTING WATER MAIN O.D. PLUS 4'

• NEW JOINTS TO BE CENTERED EQUIDISTANT FROM WATER MAIN
• PIPE JOINT REPAIR CLAMPS OR EQUIVALENT TO BE USED ON ALL NEW MAINS AND LATERALS

STORM LINE CONFLICTS NOT TO SCALE



WATER MAIN TRENCH NOT TO SCALE

City of Meriden Department of Public Works Water Main Standards	DATE: 08/04/20 DESIGN: DRAWN: BBD
	SCALE:
Engineering Division	DWG. WM

Meriden, Connecticut

Room 19

SHEET

OF *2*

TAPPING SLEEVE & VALVE
NOT TO SCALE

PROFILE VIEW

SEE THRUST RESTRAINT DETAIL FOR THRUST BLOCK

AND JOINT REQUIREMENTS

MJ TAPPING SLEEVE WITH

MEGALUG SERIES 1100'

THRUST RESTRAINTS

EXISTING WATER MAIN

NEW WATER MAIN

MJ TAPPING VALVE WITH - MEGALUG SERIES 1100 THRUST RESTRAINTS

CONCRETE SUPPORT
FOR GATE VALVE