

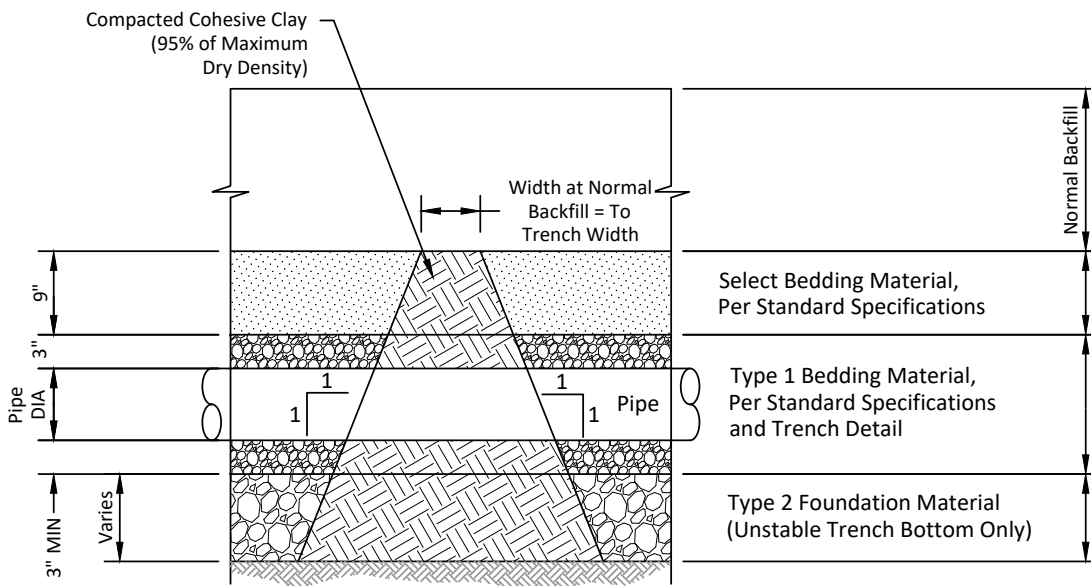
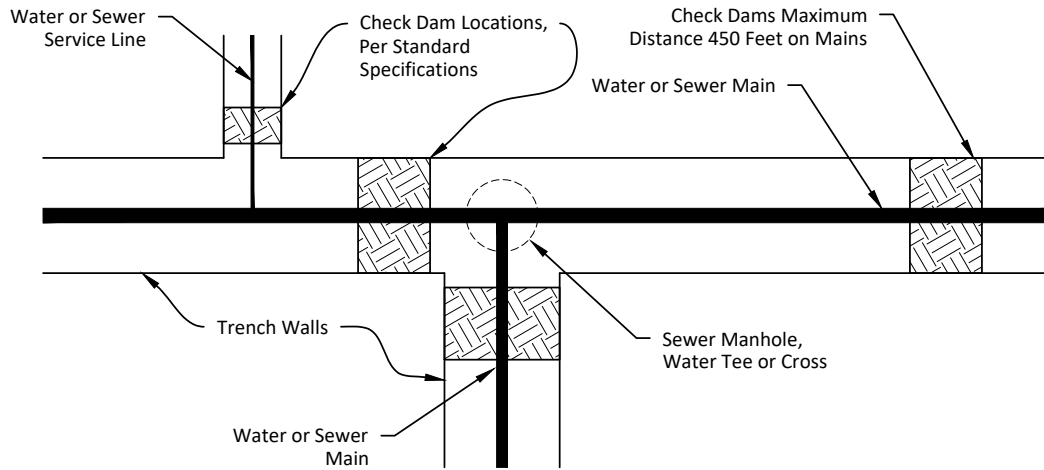
INSULATION WIDTH FOR PIPE DEPTH			
Water		Sewer	
D (Feet)	W (Feet)	D (Feet)	W (Feet)
3	8	2.5	8
4	6	3	6
5	4	3.5	4

Water mains 20 inch diameter and larger -
insulation not required for 5 foot bury depths.

Note:

1. The use of insulation requires prior approval by the Public Works Director.

N.T.S.



Note:
 Check dam installation locations shall be as indicated on the plans. However during construction, check dam installation locations may be moved due to field conditions. The check dam shall extend from the bottom of the excavation through the bedding material to the "Normal Backfill" and shall extend completely to each trench sidewall. Do not construct check dam around pipe joint.

N.T.S.

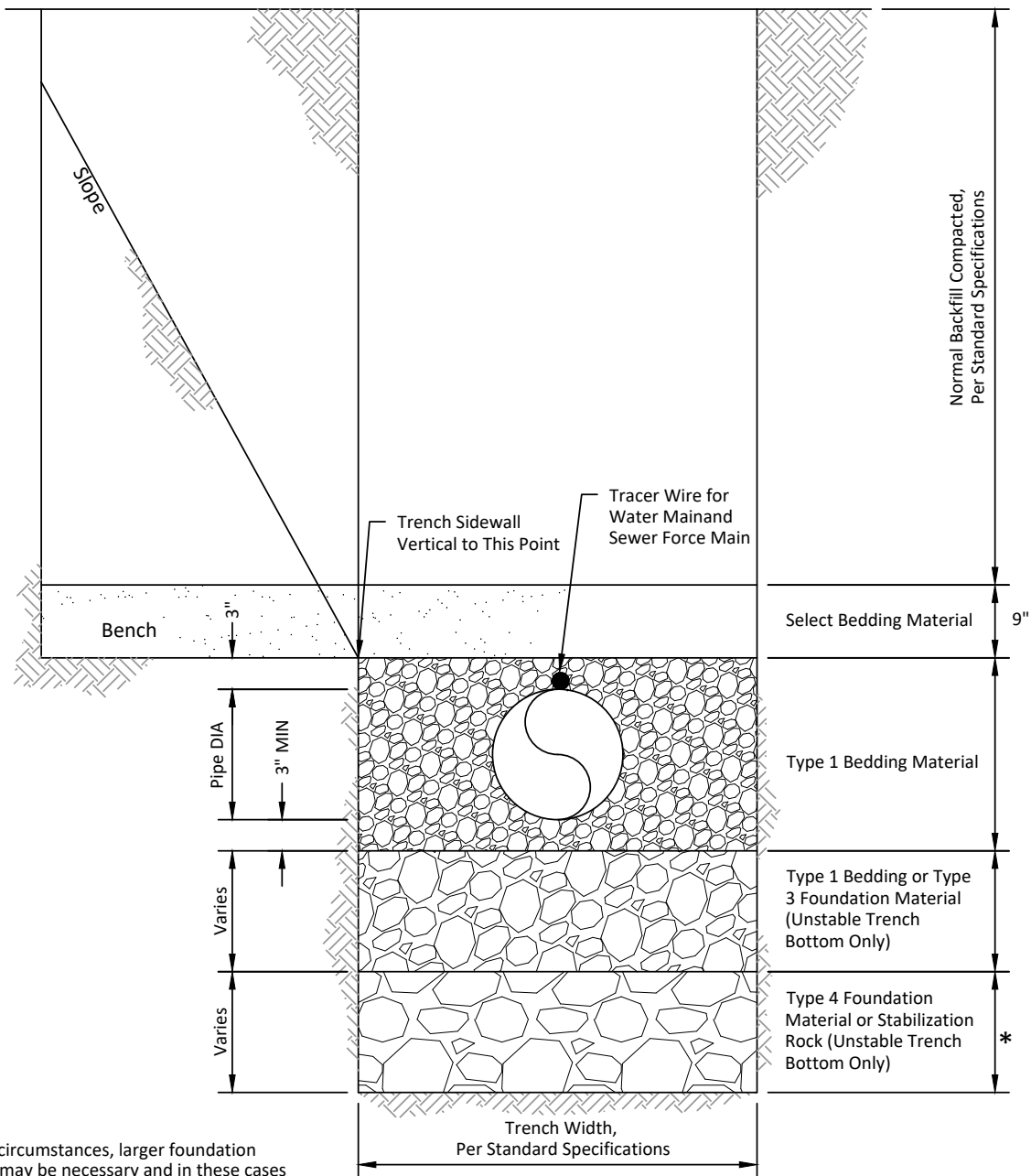
CITY OF RAPID CITY

PUBLIC WORKS DEPARTMENT

TYPICAL TRENCH CHECK DAM DETAIL FOR WATER & SEWER MAINS

DATE: 8-19-22

Sec. - Sht.
 11-2



*In some circumstances, larger foundation material may be necessary and in these cases Type 4 Foundation Material or Stabilization Rock may be used Per Standard Specifications, Section 112. If Type 4 Foundation Material or Stabilization Rock is used, then a minimum 6 inches of Type 3 Foundation Material shall be placed directly above the material and prior to the placement of the Type 1 Bedding Material.

N.T.S.

CITY OF RAPID CITY

PUBLIC WORKS DEPARTMENT

TRENCH DETAIL FOR PVC
WATER & SEWER MAINS

DATE: 8-19-22

Sec. - Sht.
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