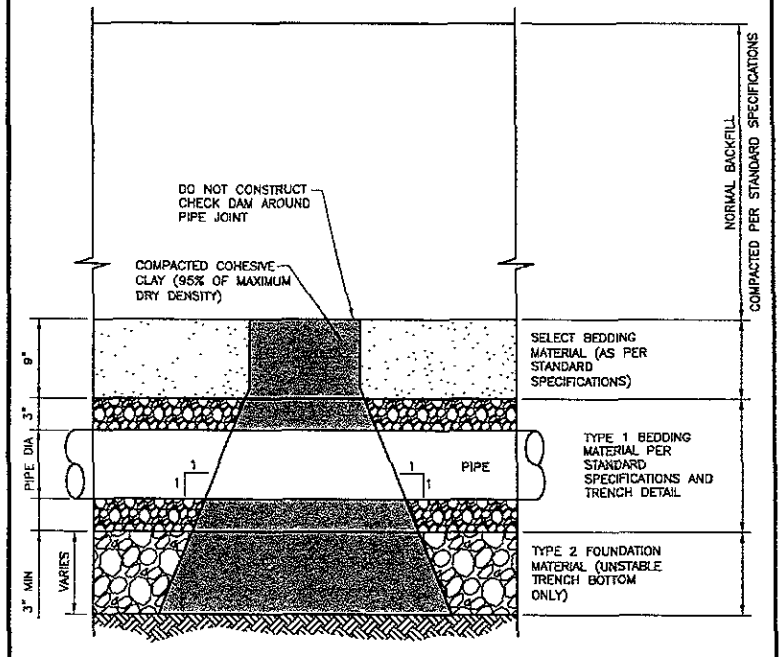


ELEVATION

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.

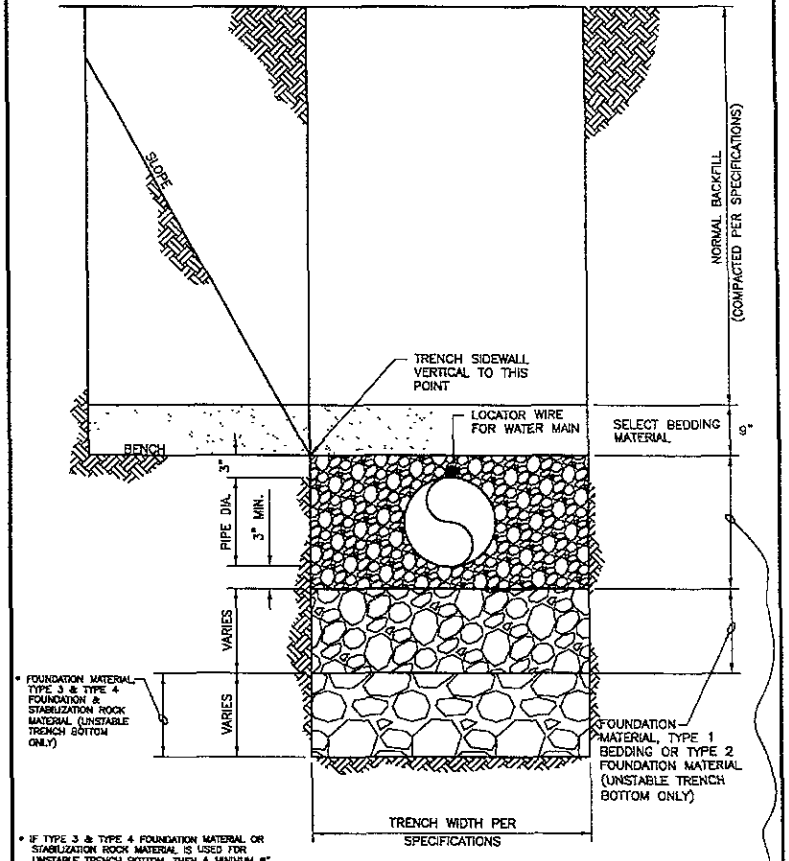
THE CHECK DAM SHALL EXTEND FROM THE BOTTOM OF THE EXCAVATION THROUGH THE BEDDING MATERIAL TO THE "NORMAL BACKFILL" AND SHALL EXTEND COMPLETELY TO EACH TRENCH SIDEWALL. CHECK DAM MATERIAL SHALL BE COMPACTED COHESIVE CLAY THAT CONTAINS A MINIMUM OF 25% MINUS NO. 200 SIEVE MATERIAL, WITH 70% PASSING A 3/4 INCH SIEVE. IF THE NORMAL EXCAVATED MATERIAL IS NOT SUITABLE FOR CONSTRUCTION OF THE CHECK DAM, THEN THE CONTRACTOR SHALL OBTAIN MATERIAL FROM OUTSIDE SOURCES. CHECK DAM INSTALLATION AND MATERIAL SHALL BE CONSIDERED AS INCIDENTAL TO THE PIPE INSTALLATION.

CITY OF RAPID CITY — PUBLIC WORKS DEPARTMENT

TYPICAL TRENCH CHECK DAM DETAIL FOR WATER & SEWER MAINS

DATE: 5-1-07

SEC. 11 — SHT. 2



CITY OF RAPID CITY — PUBLIC WORKS DEPARTMENT

TRENCH DETAIL FOR WATER & SEWER MAIN

DATE: 5-1-07

SEC. 11 — SHT. 3

PRELIMINARY

Prepared for: Public Works Department, Engineering Division

Prepared By: F M G, Inc.
3700 Sturgis Road
Rapid City, SD 57702-0317
(605) 342-4105 FAX (605) 342-4222
www.fmgengineering.com

Scale	1"=40'
Designed By: CGK	Drawn By: JRK/KJS
Design Date: FEB 2009	Print Date: FEB 2009
Internal Job No: 9063	
Surveyed By: FMG	Survey Date: 6/08-8/08
Revisions:	-

ELK VALE ROAD
SANITARY TRUNK SEWER EXTENSION
PHASE 2

SS08-1729

Sheet Title: CITY STANDARD PLATES

Sheet: 39 of 50