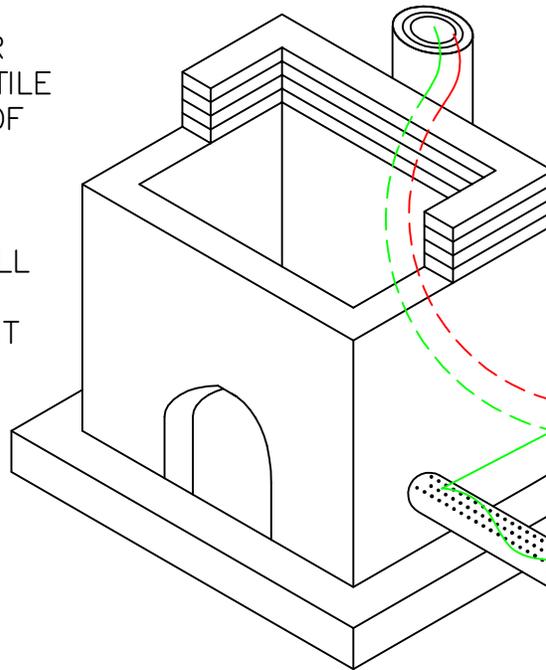


NOTE:
EXTEND COARSE FILTER AGGREGATE & GEOTEXTILE FABRIC FULL LENGTH OF PERFORATED PIPE

PERFORATED PIPE SHALL BE PLACED AT THE BOTTOM OF THE STREET EXCAVATION WITH PERFORATIONS UP (OR AS DIRECTED BY ENGINEER)



FOR TRACER WIRE BOX (SEE DETAIL GV-ST-110)

NOTE:
FOR TRACER WIRE INSTALLATION REQUIREMENTS, REFER TO THE MINNESOTA RURAL WATER ASSOCIATION STANDARD DETAILS.

PERFORATED PIPE WITH GEOTEXTILE SOCK (SUB-GRADE DRAINAGE) 50 FT. TYP. UPSTREAM OF STRUCTURE (OR AS DIRECTED BY ENGINEER)

APPROVED JANUARY 1, 2018

CITY ENGINEER REG 23110

**SUB-GRADE & SUMP
DRAINAGE PIPE WITH
SERVICE STUB &
CLEANOUT**

Golden Valley
GV-ST-060